WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 1, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 1	326.0	0.0	0.0	326.0	0.00	326.0	0.0	0.0	0.0	326.0	0.0	0.0
9	Howell to Chilly	May 1	192.0	32.0	0.0	-102.0	0.31	224.0	32.0	0.0	0.0	192.0	0.0	0.0
8	Chilly to Reservoir	* May 1	331.3	12.9	0.0	152.2	0.00	376.2	12.1	0.8	0.0	332.1	-0.8	0.0
	Disconnected													
7	Mackay Reservoir	* May 1	356.0	0.0	0.0	331.3	0.00	331.7	300.0		0.0	31.3	324.7	0.0
6	Reservoir to 2B	May 1	354.0	2.0	0.0	0.0	0.00	331.3	2.0	0.0	0.0	29.3	324.7	0.0
5	2B to Leslie	May 1	271.0	83.4	0.0	0.4	0.00	331.7	27.5	55.9	0.0	2.2	268.8	0.0
4	Leslie to Moore	May 1	167.3	177.5	0.0	73.8	0.00	405.5	76.0	101.5	0.0	0.0	167.3	0.0
2	Moore to blw Munsey	May 1	215.0	0.0	0.0	47.7	0.00	453.1	0.0	0.0	0.0	47.7	167.3	0.0
1	Blw Munsey to Arco	May 1	152.0	0.0	0.0	-63.0	0.29	453.1	0.0	0.0	0.0	33.7	118.3	0.0
							TOTAL		449.6	158.2	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 1	0.0	0.0		20180101	3%
9	Howell to Chilly	May 1	0.0	0.0		20180101	3%
8	Chilly to Reservoir	May 1	0.0	0.0		20180101	3%
	Disconnected						
7	Mackay Reservoir	May 1	0.0	0.0		20180101	3%
6	Reservoir to 2B	May 1	0.0	0.0		20180101	3%
5	2B to Leslie	May 1	0.0	0.0		20180101	3%
4	Leslie to Moore	May 1	0.0	0.0		20180101	3%
2	Moore to blw Munsey	May 1	0.0	0.0		20180101	3%
1	Blw Munsey to Arco	May 1	14.0	49.0		20180101	3%
	TOTAL		14.0	49.0	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	6.3
2	18810630	1.7	294.0	3.4
3	18880601	3.2	556.5	6.3
4	18960601	6.4	1113.0	12.7
5	19020301	0.8	140.0	1.6
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	564.6
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	44446.0

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28870.0	28810.0	-60.0	-30.2	5.5

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	595.0
Total Storage Loss	-331.9
Total Storage Deliver	-312.2
Total Evaporation	-11.0
Accounting Balance	28809.9
Current Res Content	28810.0
Storage Balance Error	-0.1

DAILY STORAGE BALANCE

```
 28870.0 Reservoir Content Previous Day [ac-ft]
 28810.0 Reservoir Content Current Day [ac-ft]
   -60.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------------
           595.0 Storage Allocated to Mackay Reservoir [ac-ft]

          -331.9 Stored Flow Losses [ac-ft]
                 0.0 2B to Leslie [cfs]
                 0.0 Leslie to Moore [cfs]
                 0.0 Moore blw Munsey [cfs]
               -49.0 blw Munsey to Arco Gage [cfs]
              -118.3 Past Arco Gage [cfs]

          -312.2 Storage Delivered [ac-ft]
                 --- Above Reservoir [cfs]
                 0.0 Reservoir to 2B [cfs]
                55.9 2B to Leslie [cfs]
               101.5 Leslie to Moore [cfs]
                 0.0 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

           -11.0 Evaporation [ac-ft]

   -60.1 Accounting Change in Storage [ac-ft]
-------------------------------------------------------------
    -0.1 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   331.3 Gain in/above Mackay Reservoir [cfs]
     0.4 Gain in Reach 5: 2-B to Leslie [cfs]
    73.8 Gain in Reach 4: Leslie to Moore [cfs]
    47.7 Gain in Reach 2: Moore to Munsey [cfs]
     0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------------
   453.2 Total Available Natural Flow [cfs]
-------------------------------------------------------------
           300.0 Reservoir Rights Diverted [cfs]

            47.7 Natural Flow Losses below Reservoir [cfs]
                 0.0 2B to Leslie [cfs]
                 0.0 Leslie to Moore [cfs]
                 0.0 Moore to blw Munsey [cfs]
                14.0 blw Munsey to Arco Gage [cfs]
                33.7 Natural Flow Past Arco Gage [cfs]

           105.5 Natural Flow Delivered [cfs]
                 --- Above Reservoir Storage Use [cfs]
                 2.0 Reservoir to 2B [cfs]
                27.5 2B to Leslie [cfs]
                76.0 Leslie to Moore [cfs]
                 0.0 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

   453.2 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------------
     0.0 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.0	400
Eastside Felton Wier +	31.0	1550
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	39.0	1950
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	0.0	0
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	37.6	1880
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	8.0	400
Total Out	45.6	2280

Abbreviated Reach Delivery Factor 1.17
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 213.3%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 8.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 3.8 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 59.1%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 6.3 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 59.7 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 126.1%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 126.1%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 1, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	0.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	2.0	0.0	0.0
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	6.6	0.0	0.0
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	27.8	6.9	13.6
9	NEILSEN	21.0	0.0	0.0	8	Smith Pumps	0.0	0.0	0.0	5	BURNETT	49.0	49.0	97.2
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	11.0	0.0	0.0	8	Broken River Pum	0.0	0.0	0.0	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	1.0	0.0	0.0
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	1.6	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	75.0	72.8	144.4
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	1.2	1.2	2.4
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	4.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	40.6	40.6	80.5
8	Mtn. Springs 1	0.0	0.0	0.0	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	59.7	59.7	118.3
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	0.0	0.0	0.0
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	0.0	0.0	0.0	2	MUNSEY	0.0	0.0	0.0
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	0.0	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	0.0	8	6X Ranch Navarre	0.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18800630	56	1997	MACKAY DAM	13126000	7	May 01, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 01, 2019	1.70	1.70	1.70	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 01, 2019	3.20	3.20	3.20	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 01, 2019	1.80	1.80	1.80	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 01, 2019	3.20	3.20	3.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 01, 2019	3.00	3.00	3.00	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 01, 2019	6.40	6.40	6.40	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 01, 2019	0.80	0.80	0.80	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 01, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 01, 2019	0.04	0.04	0.04	100.0%
19950411	476	1273	BECK	13130525	4	May 01, 2019	1.00	1.00	1.00	100.0%
19950411	476	1273	UC CANAL	13130600	4	May 01, 2019	75.00	75.00	2.20	2.9%
19950411	476	1273	SWAUGER	13127600	5	May 01, 2019	6.66	6.66	6.60	99.1%
19950411	476	1273	DARLINGTON	13127735	5	May 01, 2019	20.92	20.92	20.92	100.0%
19950411	476	1273	SHARP	13126500	6	May 01, 2019	2.00	2.00	2.00	100.0%
19950411	476	1273	Upper Fish Hatch	13124160	8	May 01, 2019	4.00	4.00	4.00	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 01, 2019	21.00	21.00	21.00	100.0%
19950411	476	1273	CHILLY	13121105	9	May 01, 2019	11.00	11.00	11.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 01, 2019	9969.40	9969.40	284.67	2.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 2, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 2	301.0	0.0	0.0	301.0	0.00	301.0	0.0	0.0	0.0	301.0	0.0	0.0
9	Howell to Chilly	May 2	171.0	32.0	0.0	-98.0	0.33	203.0	32.0	0.0	0.0	171.0	0.0	0.0
8	Chilly to Reservoir	* May 2	318.7	12.9	0.0	160.6	0.00	363.6	12.1	0.8	0.0	319.5	-0.8	0.0
	Disconnected													
7	Mackay Reservoir	* May 2	361.0	0.0	0.0	318.7	0.00	318.7	266.4		0.0	52.3	308.7	0.0
6	Reservoir to 2B	May 2	359.0	2.0	0.0	0.0	0.00	318.7	2.0	0.0	0.0	50.3	308.7	0.0
5	2B to Leslie	May 2	273.0	76.7	0.0	-9.3	0.03	318.7	29.4	47.3	0.0	19.6	253.4	0.0
4	Leslie to Moore	May 2	135.5	193.9	0.0	56.4	0.00	375.1	76.0	117.9	0.0	0.0	135.5	0.0
2	Moore to blw Munsey	May 2	156.0	0.0	0.0	20.5	0.00	395.7	0.0	0.0	0.0	20.5	135.5	0.0
1	Blw Munsey to Arco	May 2	117.0	0.0	0.0	-39.0	0.25	395.7	0.0	0.0	0.0	15.4	101.6	0.0
							TOTAL		417.9	166.0	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 2	0.0	0.0		20180101	3%
9	Howell to Chilly	May 2	0.0	0.0		20180101	3%
8	Chilly to Reservoir	May 2	0.0	0.0		20180101	3%
	Disconnected						
7	Mackay Reservoir	May 2	0.0	0.0		20180101	3%
6	Reservoir to 2B	May 2	0.0	0.0		20180101	3%
5	2B to Leslie	May 2	1.3	8.0		20180101	3%
4	Leslie to Moore	May 2	0.0	0.0		20180101	3%
2	Moore to blw Munsey	May 2	0.0	0.0		20180101	3%
1	Blw Munsey to Arco	May 2	5.1	33.9		20180101	3%
	TOTAL		6.4	41.9	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	12.7
2	18810630	1.7	294.0	6.7
3	18880601	3.2	556.5	12.7
4	18960601	6.4	1113.0	25.4
5	19020301	0.8	140.0	3.2
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	1062.7
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	44974.4

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28810.0	28710.0	-100.0	-50.4	8.1

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	1123.4
Total Storage Loss	-616.5
Total Storage Deliver	-639.9
Total Evaporation	-27.1
Accounting Balance	28709.9
Current Res Content	28710.0
Storage Balance Error	-0.1

DAILY STORAGE BALANCE

28810.0	Reservoir Content Previous Day [ac-ft]
28710.0	Reservoir Content Current Day [ac-ft]
-100.0	Physical Change in Storage [ac-ft]
528.4	Storage Allocated to Mackay Reservoir [ac-ft]
-284.6	Stored Flow Losses [ac-ft]
-8.0	2B to Leslie [cfs]
0.0	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
-33.9	blw Munsey to Arco Gage [cfs]
-101.6	Past Arco Gage [cfs]
-327.7	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.0	Reservoir to 2B [cfs]
47.3	2B to Leslie [cfs]
117.9	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-16.1	Evaporation [ac-ft]
-100.0	Accounting Change in Storage [ac-ft]
0.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

318.7	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
56.4	Gain in Reach 4: Leslie to Moore [cfs]
20.5	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
395.6	Total Available Natural Flow [cfs]
266.4	Reservoir Rights Diverted [cfs]
21.8	Natural Flow Losses below Reservoir [cfs]
1.3	2B to Leslie [cfs]
0.0	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
5.1	blw Munsey to Arco Gage [cfs]
15.4	Natural Flow Past Arco Gage [cfs]
107.4	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
2.0	Reservoir to 2B [cfs]
29.4	2B to Leslie [cfs]
76.0	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
395.6	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.0	400
Eastside Felton Wier +	31.0	1550
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	39.0	1950
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	0.0	0
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	37.6	1880
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	7.0	350
Total Out	44.6	2230

Abbreviated Reach Delivery Factor 1.14
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 210.8%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 7.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 3.3 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 60.9%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 5.5 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 58.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 128.4%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 128.4%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 2, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	0.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	2.0	0.0	0.0
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	6.8	0.0	0.0
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	27.9	5.3	24.2
9	NEILSEN	21.0	0.0	0.0	8	Smith Pumps	0.0	0.0	0.0	5	BURNETT	42.0	42.0	180.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	11.0	0.0	0.0	8	Broken River Pum	0.0	0.0	0.0	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	1.0	0.0	0.1
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	3.2	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	75.0	55.4	254.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	1.2	1.2	4.8
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	4.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	58.2	58.2	196.0
8	Mtn. Springs 1	0.0	0.0	0.0	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	58.5	58.5	234.5
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	0.0	0.0	0.0
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	0.0	0.0	0.0	2	MUNSEY	0.0	0.0	0.0
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	0.0	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	0.0	8	6X Ranch Navarre	0.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 2, 2019 20190910

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18800630	56	1997	MACKAY DAM	13126000	7	May 02, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 02, 2019	1.70	1.70	1.70	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 02, 2019	3.20	3.20	3.20	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 02, 2019	1.80	1.80	1.80	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 02, 2019	3.20	3.20	3.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 02, 2019	3.00	3.00	3.00	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 02, 2019	6.40	6.40	6.40	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 02, 2019	0.80	0.80	0.80	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 02, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 02, 2019	0.04	0.04	0.04	100.0%
19950411	476	1273	BECK	13130525	4	May 02, 2019	1.00	1.03	0.97	97.4%
19950411	476	1273	UC CANAL	13130600	4	May 02, 2019	75.00	76.99	19.60	26.1%
19950411	476	1273	SWAUGER	13127600	5	May 02, 2019	6.80	6.98	6.80	100.0%
19950411	476	1273	DARLINGTON	13127735	5	May 02, 2019	22.60	23.20	22.60	100.0%
19950411	476	1273	SHARP	13126500	6	May 02, 2019	2.00	2.00	2.00	100.0%
19950411	476	1273	Upper Fish Hatch	13124160	8	May 02, 2019	4.00	4.00	4.00	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 02, 2019	21.00	21.00	21.00	100.0%
19950411	476	1273	CHILLY	13121105	9	May 02, 2019	11.00	11.00	11.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 02, 2019	9969.40	9969.40	251.12	2.5%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 3, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 3	289.0	0.0	0.0	289.0	0.00	289.0	0.0	0.0	0.0	289.0	0.0	0.0
9	Howell to Chilly	May 3	162.0	41.0	0.0	-86.0	0.30	203.0	41.0	0.0	0.0	162.0	0.0	0.0
8	Chilly to Reservoir	* May 3	291.0	12.9	0.0	141.9	0.00	344.9	12.1	0.8	0.0	291.8	-0.8	0.0
	Disconnected													
7	Mackay Reservoir	* May 3	344.0	0.0	0.0	291.0	0.00	294.4	185.8		0.0	105.2	238.8	0.0
6	Reservoir to 2B	May 3	342.0	2.0	0.0	0.0	0.00	291.0	2.0	0.0	0.0	103.2	238.8	0.0
5	2B to Leslie	May 3	274.0	71.4	0.0	3.4	0.00	294.4	66.8	4.6	0.0	39.9	234.1	0.0
4	Leslie to Moore	May 3	116.9	193.9	0.0	36.8	0.00	331.2	76.7	117.3	0.0	0.0	116.9	0.0
2	Moore to blw Munsey	May 3	104.0	0.0	0.0	-12.9	0.11	331.2	0.0	0.0	0.0	0.0	104.0	0.0
1	Blw Munsey to Arco	May 3	85.7	0.0	0.0	-18.3	0.18	331.2	0.0	0.0	0.0	0.0	85.7	0.0
							TOTAL	384.3	122.7	0.0				

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 3	0.0	0.0		20180101	2%
9	Howell to Chilly	May 3	0.0	0.0		20180101	2%
8	Chilly to Reservoir	May 3	0.0	0.0		20180101	2%
	Disconnected						
7	Mackay Reservoir	May 3	0.0	0.0		20180101	2%
6	Reservoir to 2B	May 3	0.0	0.0		20180101	2%
5	2B to Leslie	May 3	0.0	0.0		20180101	2%
4	Leslie to Moore	May 3	0.0	0.0		20180101	2%
2	Moore to blw Munsey	May 3	0.0	12.9		20180101	2%
1	Blw Munsey to Arco	May 3	0.0	18.3		20180101	2%
	TOTAL		0.0	31.2	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	19.0
2	18810630	1.7	294.0	10.1
3	18880601	3.2	556.5	19.0
4	18960601	6.4	1113.0	38.1
5	19020301	0.8	140.0	4.8
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	1400.8
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	45342.9

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28710.0	28590.0	-120.0	-60.5	7.5

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	1491.9
Total Storage Loss	-848.4
Total Storage Deliver	-881.7
Total Evaporation	-41.9
Accounting Balance	28589.8
Current Res Content	28590.0
Storage Balance Error	-0.2

DAILY STORAGE BALANCE

```
 28710.0 Reservoir Content Previous Day [ac-ft]
 28590.0 Reservoir Content Current Day [ac-ft]
  -120.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------
           368.4 Storage Allocated to Mackay Reservoir [ac-ft]

          -231.9 Stored Flow Losses [ac-ft]
                   0.0 2B to Leslie [cfs]
                   0.0 Leslie to Moore [cfs]
                 -12.9 Moore blw Munsey [cfs]
                 -18.3 blw Munsey to Arco Gage [cfs]
                 -85.7 Past Arco Gage [cfs]

          -241.8 Storage Delivered [ac-ft]
                   --- Above Reservoir [cfs]
                   0.0 Reservoir to 2B [cfs]
                   4.6 2B to Leslie [cfs]
                 117.3 Leslie to Moore [cfs]
                   0.0 Moore to blw Munsey [cfs]
                   0.0 blw Munsey to Arco Gage [cfs]

           -14.8 Evaporation [ac-ft]

  -120.1 Accounting Change in Storage [ac-ft]
-------------------------------------------------------
    -0.1 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   291.0 Gain in/above Mackay Reservoir [cfs]
     3.4 Gain in Reach 5: 2-B to Leslie [cfs]
    36.8 Gain in Reach 4: Leslie to Moore [cfs]
     0.0 Gain in Reach 2: Moore to Munsey [cfs]
     0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------
   331.2 Total Available Natural Flow [cfs]
-------------------------------------------------------
           185.8 Reservoir Rights Diverted [cfs]

             0.0 Natural Flow Losses below Reservoir [cfs]
                 0.0 2B to Leslie [cfs]
                 0.0 Leslie to Moore [cfs]
                 0.0 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
                 0.0 Natural Flow Past Arco Gage [cfs]

           145.5 Natural Flow Delivered [cfs]
                 --- Above Reservoir Storage Use [cfs]
                 2.0 Reservoir to 2B [cfs]
                66.8 2B to Leslie [cfs]
                76.7 Leslie to Moore [cfs]
                 0.0 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

   331.3 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------
    -0.1 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.0	400
Eastside Felton Wier +	30.0	1500
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	38.0	1900
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	0.0	0
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	37.6	1880
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	5.0	250
Total Out	42.6	2130

Abbreviated Reach Delivery Factor 1.12
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 211.1%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 5.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 2.4 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 61.4%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 3.9 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 59.1 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 128.3%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 129.5%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 3, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	0.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	2.0	0.0	0.0
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	6.0	0.0	0.0
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	29.4	4.6	33.4
9	NEILSEN	24.0	0.0	0.0	8	Smith Pumps	0.0	0.0	0.0	5	BURNETT	36.0	0.0	180.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	17.0	0.0	0.0	8	Broken River Pum	0.0	0.0	0.0	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	1.0	0.0	0.1
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	4.8	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	75.0	35.1	324.0
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	1.2	1.2	7.1
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	4.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	57.6	57.6	310.2
8	Mtn. Springs 1	0.0	0.0	0.0	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	59.1	58.5	350.5
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	0.0	0.0	0.0
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	0.0	0.0	0.0	2	MUNSEY	0.0	0.0	0.0
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	0.0	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	0.0	8	6X Ranch Navarre	0.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 3, 2019 20190910

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18800630	56	1997	MACKAY DAM	13126000	7	May 03, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 03, 2019	1.70	1.70	1.70	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	May 03, 2019	0.43	0.43	0.43	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	May 03, 2019	0.23	0.23	0.23	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 03, 2019	3.20	3.20	3.20	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 03, 2019	1.80	1.80	1.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 03, 2019	0.60	0.60	0.60	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 03, 2019	3.20	3.20	3.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 03, 2019	3.00	3.00	3.00	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 03, 2019	6.40	6.40	6.40	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 03, 2019	0.80	0.80	0.80	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 03, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 03, 2019	0.04	0.04	0.04	100.0%
19950411	476	1273	BECK	13130525	4	May 03, 2019	1.00	1.00	1.00	100.0%
19950411	476	1273	UC CANAL	13130600	4	May 03, 2019	75.00	75.00	39.86	53.1%
19950411	476	1273	SWAUGER	13127600	5	May 03, 2019	6.00	6.00	6.00	100.0%
19950411	476	1273	DARLINGTON	13127735	5	May 03, 2019	24.76	24.76	24.76	100.0%
19950411	476	1273	BURNETT	13127750	5	May 03, 2019	35.40	35.40	35.40	100.0%
19950411	476	1273	SHARP	13126500	6	May 03, 2019	2.00	2.00	2.00	100.0%
19950411	476	1273	Upper Fish Hatch	13124160	8	May 03, 2019	4.00	4.00	4.00	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 03, 2019	24.00	24.00	24.00	100.0%
19950411	476	1273	CHILLY	13121105	9	May 03, 2019	17.00	17.00	17.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 03, 2019	9969.40	9969.40	170.45	1.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 4, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 4	306.0	0.0	0.0	306.0	0.00	306.0	0.0	0.0	0.0	306.0	0.0	0.0
9	Howell to Chilly	May 4	176.0	41.0	0.0	-89.0	0.29	217.0	41.0	0.0	0.0	176.0	0.0	0.0
8	Chilly to Reservoir	* May 4	274.8	12.9	0.0	111.7	0.00	328.7	12.1	0.8	0.0	275.6	-0.8	0.0
	Disconnected													
7	Mackay Reservoir	* May 4	276.8	0.0	0.0	274.8	0.00	281.3	121.6		0.0	153.2	123.6	0.0
6	Reservoir to 2B	May 4	272.0	4.8	0.0	0.0	0.00	274.8	4.8	0.0	0.0	148.4	123.6	0.0
5	2B to Leslie	May 4	207.0	71.5	0.0	6.5	0.00	281.3	67.5	4.0	0.0	87.4	119.6	0.0
4	Leslie to Moore	May 4	89.6	193.5	0.0	76.1	0.00	357.4	134.3	59.2	0.0	29.2	60.4	0.0
2	Moore to blw Munsey	May 4	52.0	26.0	0.0	-11.6	0.13	357.4	25.5	0.5	0.0	0.0	52.0	0.0
1	Blw Munsey to Arco	May 4	52.2	0.0	0.0	0.2	0.00	357.6	0.0	0.0	0.0	0.2	52.0	0.0
								TOTAL	406.7	64.5	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 4	0.0	0.0		20180101	1%
9	Howell to Chilly	May 4	0.0	0.0		20180101	1%
8	Chilly to Reservoir	May 4	0.0	0.0		20180101	1%
	Disconnected						
7	Mackay Reservoir	May 4	0.0	0.0		20180101	1%
6	Reservoir to 2B	May 4	0.0	0.0		20180101	1%
5	2B to Leslie	May 4	0.0	0.0		20180101	1%
4	Leslie to Moore	May 4	0.0	0.0		20180101	1%
2	Moore to blw Munsey	May 4	3.8	7.8		20180101	1%
1	Blw Munsey to Arco	May 4	0.0	0.0		20180101	1%
	TOTAL		3.8	7.8	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	25.4
2	18810630	1.7	294.0	13.5
3	18880601	3.2	556.5	25.4
4	18960601	6.4	1113.0	50.8
5	19020301	0.8	140.0	6.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	1611.7
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	45584.1

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28590.0	28570.0	-20.0	-10.1	8.1

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	1733.1
Total Storage Loss	-967.0
Total Storage Deliver	-1008.0
Total Evaporation	-58.0
Accounting Balance	28570.1
Current Res Content	28570.0
Storage Balance Error	0.1

DAILY STORAGE BALANCE

```
 28590.0 Reservoir Content Previous Day [ac-ft]
 28570.0 Reservoir Content Current Day [ac-ft]
   -20.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------------
           241.2 Storage Allocated to Mackay Reservoir [ac-ft]

          -118.6 Stored Flow Losses [ac-ft]
                  0.0 2B to Leslie [cfs]
                  0.0 Leslie to Moore [cfs]
                 -7.8 Moore blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]
                -52.0 Past Arco Gage [cfs]

          -126.4 Storage Delivered [ac-ft]
                  --- Above Reservoir [cfs]
                  0.0 Reservoir to 2B [cfs]
                  4.0 2B to Leslie [cfs]
                 59.2 Leslie to Moore [cfs]
                  0.5 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]

           -16.1 Evaporation [ac-ft]

   -19.9 Accounting Change in Storage [ac-ft]
-------------------------------------------------------------
     0.1 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
     274.8 Gain in/above Mackay Reservoir [cfs]
       6.5 Gain in Reach 5: 2-B to Leslie [cfs]
      76.1 Gain in Reach 4: Leslie to Moore [cfs]
       0.0 Gain in Reach 2: Moore to Munsey [cfs]
       0.2 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------------
     357.6 Total Available Natural Flow [cfs]
-------------------------------------------------------------
           121.6 Reservoir Rights Diverted [cfs]

               4.0 Natural Flow Losses below Reservoir [cfs]
                   0.0 2B to Leslie [cfs]
                   0.0 Leslie to Moore [cfs]
                   3.8 Moore to blw Munsey [cfs]
                   0.0 blw Munsey to Arco Gage [cfs]
                   0.2 Natural Flow Past Arco Gage [cfs]

           232.1 Natural Flow Delivered [cfs]
                   --- Above Reservoir Storage Use [cfs]
                   4.8 Reservoir to 2B [cfs]
                  67.5 2B to Leslie [cfs]
                 134.3 Leslie to Moore [cfs]
                  25.5 Moore to blw Munsey [cfs]
                   0.0 blw Munsey to Arco Gage [cfs]

     357.7 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------------
      -0.1 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.0	400
Eastside Felton Wier +	29.0	1450
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	37.0	1850
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	0.0	0
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	37.6	1880
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	3.0	150
Total Out	40.6	2030

Abbreviated Reach Delivery Factor 1.10
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 211.4%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 3.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 1.4 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 61.7%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 2.3 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 58.7 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 129.2%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 130.5%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 4, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	0.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	4.8	0.0	0.0
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	6.0	0.0	0.0
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	30.1	4.0	41.3
9	NEILSEN	24.0	0.0	0.0	8	Smith Pumps	0.0	0.0	0.0	5	BURNETT	35.4	0.0	180.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	17.0	0.0	0.0	8	Broken River Pum	0.0	0.0	0.0	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	1.0	0.0	0.1
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	6.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	75.0	16.8	357.4
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	1.2	1.2	9.5
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	4.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	57.6	0.0	310.2
8	Mtn. Springs 1	0.0	0.0	0.0	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	58.7	58.0	465.6
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	0.0	0.0	0.0
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	0.0	0.0	0.0	2	MUNSEY	26.0	0.5	1.1
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	0.0	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	0.0	8	6X Ranch Navarre	0.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18800630	56	1997	MACKAY DAM	13126000	7	May 04, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 04, 2019	1.70	1.70	1.70	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	May 04, 2019	0.43	0.43	0.43	100.0%
18840422	347	938	SHARP	13126500	6	May 04, 2019	4.00	4.00	4.00	100.0%
18840715	44	1005	MOORE	13132050	4	May 04, 2019	0.70	0.70	0.70	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	May 04, 2019	0.23	0.23	0.23	100.0%
18850601	396	1965	DARLINGTON	13127735	5	May 04, 2019	0.36	0.36	0.36	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 04, 2019	3.20	3.20	3.20	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 04, 2019	1.80	1.80	1.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 04, 2019	0.60	0.60	0.60	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 04, 2019	3.20	3.20	3.20	100.0%
18880801	442	750	MUNSEY	13132375	2	May 04, 2019	0.40	0.46	0.40	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 04, 2019	3.00	3.00	3.00	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 04, 2019	6.40	6.40	6.40	100.0%
18960928	442	2158	MUNSEY	13132375	2	May 04, 2019	4.40	5.05	4.40	100.0%
18990509	442	1364	MUNSEY	13132375	2	May 04, 2019	2.80	3.22	2.80	100.0%
18990901	442	1374	MUNSEY	13132375	2	May 04, 2019	0.80	0.92	0.80	100.0%
19020115	442	2143	MUNSEY	13132375	2	May 04, 2019	1.06	1.22	1.06	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 04, 2019	0.80	0.80	0.80	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 04, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 04, 2019	0.04	0.04	0.04	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 04, 2019	16.00	18.38	16.00	100.0%
19950203	476	1272	MOORE	13132050	4	May 04, 2019	56.90	56.90	56.90	100.0%
19950411	476	1273	BECK	13130525	4	May 04, 2019	1.00	1.00	1.00	100.0%
19950411	476	1273	UC CANAL	13130600	4	May 04, 2019	75.00	75.00	58.16	77.5%
19950411	476	1273	SWAUGER	13127600	5	May 04, 2019	6.00	6.00	6.00	100.0%
19950411	476	1273	DARLINGTON	13127735	5	May 04, 2019	25.74	25.74	25.74	100.0%
19950411	476	1273	BURNETT	13127750	5	May 04, 2019	34.80	34.80	34.80	100.0%
19950411	476	1273	SHARP	13126500	6	May 04, 2019	0.80	0.80	0.80	100.0%
19950411	476	1273	Upper Fish Hatch	13124160	8	May 04, 2019	4.00	4.00	4.00	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 04, 2019	24.00	24.00	24.00	100.0%
19950411	476	1273	CHILLY	13121105	9	May 04, 2019	17.00	17.00	17.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 04, 2019	9969.40	9969.40	106.32	1.1%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 5, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 5	352.0	0.0	0.0	352.0	0.00	352.0	0.0	0.0	0.0	352.0	0.0	0.0
9	Howell to Chilly	May 5	213.0	41.0	0.0	-98.0	0.28	254.0	41.0	0.0	0.0	213.0	0.0	0.0
8	Chilly to Reservoir	* May 5	269.7	12.9	0.0	69.6	0.00	323.6	12.1	0.8	0.0	270.5	-0.8	0.0
	Disconnected													
7	Mackay Reservoir	* May 5	266.0	0.0	0.0	269.7	0.00	269.7	102.9		0.0	166.8	99.2	0.0
6	Reservoir to 2B	May 5	261.0	5.0	0.0	0.0	0.00	269.7	5.0	0.0	0.0	161.8	99.2	0.0
5	2B to Leslie	May 5	182.0	65.9	0.0	-13.1	0.05	269.7	65.9	0.0	0.0	87.8	94.2	0.0
4	Leslie to Moore	May 5	79.8	222.8	0.0	120.6	0.00	390.3	158.3	64.4	0.0	50.1	29.7	0.0
2	Moore to blw Munsey	May 5	21.0	36.8	0.0	-22.0	0.28	390.3	36.3	0.5	0.0	0.0	21.0	0.0
1	Blw Munsey to Arco	May 5	23.0	0.0	0.0	2.0	0.00	392.3	0.0	0.0	0.0	2.0	21.0	0.0
								TOTAL	421.4	65.7	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 5	0.0	0.0		20180101	1%
9	Howell to Chilly	May 5	0.0	0.0		20180101	1%
8	Chilly to Reservoir	May 5	0.0	0.0		20180101	1%
	Disconnected						
7	Mackay Reservoir	May 5	0.0	0.0		20180101	1%
6	Reservoir to 2B	May 5	0.0	0.0		20180101	1%
5	2B to Leslie	May 5	8.1	5.0		20180101	1%
4	Leslie to Moore	May 5	0.0	0.0		20180101	1%
2	Moore to blw Munsey	May 5	13.8	8.2		20180101	1%
1	Blw Munsey to Arco	May 5	0.0	0.0		20180101	1%
	TOTAL		21.9	13.2	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	31.7
2	18810630	1.7	294.0	16.9
3	18880601	3.2	556.5	31.7
4	18960601	6.4	1113.0	63.5
5	19020301	0.8	140.0	7.9
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	1785.4
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	45788.2

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28570.0	28560.0	-10.0	-5.0	8.8

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	1937.2
Total Storage Loss	-1034.8
Total Storage Deliver	-1136.7
Total Evaporation	-75.4
Accounting Balance	28560.3
Current Res Content	28560.0
Storage Balance Error	0.3

DAILY STORAGE BALANCE

```
 28570.0 Reservoir Content Previous Day [ac-ft]
 28560.0 Reservoir Content Current Day [ac-ft]
   -10.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------------
           204.1 Storage Allocated to Mackay Reservoir [ac-ft]

           -67.8 Stored Flow Losses [ac-ft]
                 -5.0 2B to Leslie [cfs]
                  0.0 Leslie to Moore [cfs]
                 -8.2 Moore blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]
                -21.0 Past Arco Gage [cfs]

          -128.8 Storage Delivered [ac-ft]
                  --- Above Reservoir [cfs]
                  0.0 Reservoir to 2B [cfs]
                  0.0 2B to Leslie [cfs]
                 64.4 Leslie to Moore [cfs]
                  0.5 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]

           -17.4 Evaporation [ac-ft]

    -9.9 Accounting Change in Storage [ac-ft]
-------------------------------------------------------------
     0.1 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   269.7 Gain in/above Mackay Reservoir [cfs]
     0.0 Gain in Reach 5: 2-B to Leslie [cfs]
   120.6 Gain in Reach 4: Leslie to Moore [cfs]
     0.0 Gain in Reach 2: Moore to Munsey [cfs]
     2.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------------
   392.3 Total Available Natural Flow [cfs]
-------------------------------------------------------------
           102.9 Reservoir Rights Diverted [cfs]

            23.9 Natural Flow Losses below Reservoir [cfs]
                  8.1 2B to Leslie [cfs]
                  0.0 Leslie to Moore [cfs]
                 13.8 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]
                  2.0 Natural Flow Past Arco Gage [cfs]

           265.5 Natural Flow Delivered [cfs]
                  --- Above Reservoir Storage Use [cfs]
                  5.0 Reservoir to 2B [cfs]
                 65.9 2B to Leslie [cfs]
                158.3 Leslie to Moore [cfs]
                 36.3 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]

   392.3 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------------
     0.0 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	6.0	300
Eastside Felton Wier +	31.0	1550
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	37.0	1850
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	0.0	0
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	64.3	3217
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	4.0	200
Total Out	68.3	3417

Abbreviated Reach Delivery Factor 1.85
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 358.6%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 4.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 1.1 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 57.9%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 1.9 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 63.1 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 205.1%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 207.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 5, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	0.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	5.0	0.0	0.0
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	5.8	0.0	0.0
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	24.1	0.0	41.3
9	NEILSEN	24.0	0.0	0.0	8	Smith Pumps	0.0	0.0	0.0	5	BURNETT	36.0	0.0	180.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	17.0	0.0	0.0	8	Broken River Pum	0.0	0.0	0.0	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	1.0	0.1	0.2
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	7.9	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	75.0	37.3	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	1.2	1.2	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	4.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	82.5	4.9	320.0
8	Mtn. Springs 1	0.0	0.0	0.0	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	63.1	62.4	589.4
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	10.8	0.0	0.0
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	0.0	0.0	0.0	2	MUNSEY	26.0	0.5	2.1
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	0.0	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	0.0	8	6X Ranch Navarre	0.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18800630	56	1997	MACKAY DAM	13126000	7	May 05, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 05, 2019	1.70	1.70	1.70	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	May 05, 2019	0.43	0.45	0.41	95.0%
18840422	338	117	DARLINGTON	13127735	5	May 05, 2019	1.63	1.72	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 05, 2019	0.17	0.18	0.17	100.0%
18840422	347	938	SHARP	13126500	6	May 05, 2019	4.00	4.00	4.00	100.0%
18840520	180	470	MOORE	13132050	4	May 05, 2019	0.16	0.17	0.15	95.0%
18840715	44	1005	MOORE	13132050	4	May 05, 2019	0.72	0.76	0.68	95.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	May 05, 2019	0.23	0.24	0.22	95.0%
18850601	396	1965	DARLINGTON	13127735	5	May 05, 2019	0.36	0.38	0.36	100.0%
18851002	356	42	ARCO	13132365	2	May 05, 2019	2.60	3.78	2.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 05, 2019	3.20	3.20	3.20	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 05, 2019	1.80	1.80	1.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 05, 2019	0.60	0.63	0.60	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 05, 2019	3.20	3.20	3.20	100.0%
18880801	442	750	MUNSEY	13132375	2	May 05, 2019	0.40	0.58	0.40	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 05, 2019	3.00	3.00	3.00	100.0%
18950601	180	1343	MOORE	13132050	4	May 05, 2019	0.80	0.84	0.76	95.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 05, 2019	6.40	6.40	6.40	100.0%
18960928	442	2158	MUNSEY	13132375	2	May 05, 2019	4.40	6.40	4.40	100.0%
18990327	180	468	MOORE	13132050	4	May 05, 2019	0.05	0.05	0.05	95.0%
18990509	442	1364	MUNSEY	13132375	2	May 05, 2019	2.80	4.07	2.80	100.0%
18990601	180	2110	MOORE	13132050	4	May 05, 2019	0.69	0.73	0.66	95.0%
18990901	442	1374	MUNSEY	13132375	2	May 05, 2019	0.80	1.16	0.80	100.0%
19020115	442	2143	MUNSEY	13132375	2	May 05, 2019	1.06	1.54	1.06	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 05, 2019	0.80	0.80	0.80	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 05, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 05, 2019	0.04	0.04	0.04	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 05, 2019	16.00	23.27	16.00	100.0%
19950203	476	1272	MOORE	13132050	4	May 05, 2019	79.26	83.46	75.27	95.0%
19950411	476	1273	ARCO	13132365	2	May 05, 2019	8.20	11.93	8.20	100.0%
19950411	476	1273	BECK	13130525	4	May 05, 2019	1.00	1.05	0.95	95.0%
19950411	476	1273	UC CANAL	13130600	4	May 05, 2019	75.00	78.98	37.74	50.3%
19950411	476	1273	SWAUGER	13127600	5	May 05, 2019	5.80	6.11	5.80	100.0%
19950411	476	1273	DARLINGTON	13127735	5	May 05, 2019	21.98	23.15	21.90	99.6%
19950411	476	1273	BURNETT	13127750	5	May 05, 2019	35.40	37.28	35.40	100.0%
19950411	476	1273	SHARP	13126500	6	May 05, 2019	1.00	1.00	1.00	100.0%
19950411	476	1273	Upper Fish Hatch	13124160	8	May 05, 2019	4.00	4.00	4.00	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 05, 2019	24.00	24.00	24.00	100.0%
19950411	476	1273	CHILLY	13121105	9	May 05, 2019	17.00	17.00	17.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 05, 2019	9969.40	9969.40	87.59	0.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 6, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		May 6	422.0	0.0	0.0	422.0	0.00	422.0	0.0	0.0	0.0	422.0	0.0	0.0
9	Howell to Chilly		May 6	270.0	77.0	0.0	-75.0	0.18	347.0	73.9	3.1	0.0	273.1	-3.1	0.0
8	Chilly to Reservoir	*	May 6	271.5	18.9	0.0	20.3	0.00	367.3	18.1	0.8	0.0	275.4	-3.9	0.0
	Disconnected														
7	Mackay Reservoir	*	May 6	263.7	0.0	0.0	271.5	0.00	271.5	120.3		0.0	151.2	112.5	0.0
6	Reservoir to 2B		May 6	259.0	4.7	0.0	0.0	0.00	271.5	4.7	0.0	0.0	146.5	112.5	0.0
5	2B to Leslie		May 6	176.0	79.0	0.0	-4.0	0.02	271.5	78.9	0.1	0.0	65.3	110.7	0.0
4	Leslie to Moore		May 6	90.7	140.4	0.0	55.1	0.00	326.6	82.8	57.5	0.0	37.6	53.2	0.0
2	Moore to blw Munsey		May 6	33.0	38.8	0.0	-18.9	0.21	326.6	29.7	9.1	0.0	0.0	33.0	0.0
1	Blw Munsey to Arco		May 6	24.4	0.0	0.0	-8.6	0.26	326.6	0.0	0.0	0.0	0.0	24.4	0.0
								TOTAL		408.4	70.6	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 6	0.0	0.0		20180101	1%
9	Howell to Chilly	May 6	0.0	0.0		20180101	1%
8	Chilly to Reservoir	May 6	0.0	0.0		20180101	1%
	Disconnected						
7	Mackay Reservoir	May 6	0.0	0.0		20180101	1%
6	Reservoir to 2B	May 6	0.0	0.0		20180101	1%
5	2B to Leslie	May 6	2.3	1.7		20180101	1%
4	Leslie to Moore	May 6	0.0	0.0		20180101	1%
2	Moore to blw Munsey	May 6	7.8	11.1		20180101	1%
1	Blw Munsey to Arco	May 6	0.0	8.6		20180101	1%
	TOTAL		10.1	21.4	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	38.1
2	18810630	1.7	294.0	20.2
3	18880601	3.2	556.5	38.1
4	18960601	6.4	1113.0	76.2
5	19020301	0.8	140.0	9.5
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	1993.7
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	46026.8

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28560.0	28560.0	0.0	0.0	7.8

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	2175.8
Total Storage Loss	-1125.6
Total Storage Deliver	-1269.0
Total Evaporation	-90.8
Accounting Balance	28560.3
Current Res Content	28560.0
Storage Balance Error	0.3

DAILY STORAGE BALANCE

```
 28560.0 Reservoir Content Previous Day [ac-ft]
 28560.0 Reservoir Content Current Day [ac-ft]
     0.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------
           238.6 Storage Allocated to Mackay Reservoir [ac-ft]

           -90.8 Stored Flow Losses [ac-ft]
                 -1.7 2B to Leslie [cfs]
                  0.0 Leslie to Moore [cfs]
                -11.1 Moore blw Munsey [cfs]
                 -8.6 blw Munsey to Arco Gage [cfs]
                -24.4 Past Arco Gage [cfs]

          -132.3 Storage Delivered [ac-ft]
                  --- Above Reservoir [cfs]
                  0.0 Reservoir to 2B [cfs]
                  0.1 2B to Leslie [cfs]
                 57.5 Leslie to Moore [cfs]
                  9.1 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]

           -15.4 Evaporation [ac-ft]

     0.1 Accounting Change in Storage [ac-ft]
-------------------------------------------------------
     0.1 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   271.5 Gain in/above Mackay Reservoir [cfs]
     0.0 Gain in Reach 5: 2-B to Leslie [cfs]
    55.1 Gain in Reach 4: Leslie to Moore [cfs]
     0.0 Gain in Reach 2: Moore to Munsey [cfs]
     0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------
   326.6 Total Available Natural Flow [cfs]
-------------------------------------------------------
           120.3 Reservoir Rights Diverted [cfs]

            10.1 Natural Flow Losses below Reservoir [cfs]
                  2.3 2B to Leslie [cfs]
                  0.0 Leslie to Moore [cfs]
                  7.8 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]
                  0.0 Natural Flow Past Arco Gage [cfs]

           196.1 Natural Flow Delivered [cfs]
                  --- Above Reservoir Storage Use [cfs]
                  4.7 Reservoir to 2B [cfs]
                 78.9 2B to Leslie [cfs]
                 82.8 Leslie to Moore [cfs]
                 29.7 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]

   326.5 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------
     0.1 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	3.0	150
Eastside Felton Wier +	37.0	1850
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	40.0	2000
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	0.0	0
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	61.3	3067
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	24.0	1200
Total Out	85.3	4267

Abbreviated Reach Delivery Factor 2.13
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 398.2%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 24.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 6.0 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 64.5%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 9.3 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 53.7 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 253.3%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 257.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 6, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	0.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	4.7	0.0	0.0
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	4.7	0.0	0.0
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	31.3	0.0	41.3
9	NEILSEN	44.0	3.1	6.2	8	Smith Pumps	3.0	0.0	0.0	5	BURNETT	43.0	0.1	180.7
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	33.0	0.0	0.0	8	Broken River Pum	2.0	0.0	0.0	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	1.0	0.0	0.2
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	9.5	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	0.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	4.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	85.7	58.3	435.7
8	Mtn. Springs 1	0.0	0.0	0.0	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	53.7	53.1	694.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	12.8	0.0	0.0
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	0.0	0.0	0.0	2	MUNSEY	26.0	9.1	20.2
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	0.0	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	0.0	8	6X Ranch Navarre	0.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 06, 2019	5.00	5.00	5.00	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 06, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 06, 2019	1.70	1.70	1.70	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 06, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 06, 2019	3.00	3.00	3.00	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	May 06, 2019	0.43	0.44	0.42	98.5%
18840422	338	579	DARLINGTON	13127735	5	May 06, 2019	0.13	0.13	0.13	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 06, 2019	1.63	1.66	1.63	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 06, 2019	1.44	1.46	1.44	100.0%
18840422	347	938	SHARP	13126500	6	May 06, 2019	4.00	4.00	4.00	100.0%
18840430	119	1366	BURNETT	13127750	5	May 06, 2019	0.40	0.41	0.40	100.0%
18840520	14	2061	MOORE	13132050	4	May 06, 2019	0.04	0.04	0.04	98.5%
18840520	14	2002	MOORE	13132050	4	May 06, 2019	0.02	0.02	0.02	98.5%
18840601	119	56	BURNETT	13127750	5	May 06, 2019	0.04	0.04	0.04	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 06, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 06, 2019	0.40	0.40	0.40	100.0%
18840715	133	324	MOORE	13132050	4	May 06, 2019	0.54	0.55	0.53	98.5%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	May 06, 2019	0.17	0.17	0.17	98.5%
18850218	660	1654	DARLINGTON	13127735	5	May 06, 2019	0.12	0.12	0.12	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 06, 2019	1.34	1.36	1.34	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 06, 2019	2.80	2.80	2.80	100.0%
18850601	396	1965	DARLINGTON	13127735	5	May 06, 2019	0.36	0.37	0.36	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 06, 2019	0.28	0.28	0.28	100.0%
18851002	437	62	ARCO	13132365	2	May 06, 2019	1.54	1.98	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 06, 2019	3.20	3.20	3.20	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 06, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 06, 2019	0.80	0.80	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 06, 2019	0.60	0.61	0.60	100.0%
18880601	437	670	ARCO	13132365	2	May 06, 2019	0.33	0.42	0.33	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 06, 2019	3.20	3.20	3.20	100.0%
18880801	442	750	MUNSEY	13132375	2	May 06, 2019	0.40	0.51	0.40	100.0%
18890601	589	716	BURNETT	13127750	5	May 06, 2019	0.30	0.30	0.30	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 06, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	May 06, 2019	5.00	5.00	5.00	100.0%
18940310	609	1496	CHILLY	13121105	9	May 06, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 06, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	May 06, 2019	2.20	2.82	2.20	100.0%
18950501	307	619	NEILSEN	13120805	9	May 06, 2019	3.20	3.20	3.20	100.0%
18950601	445	411	NEILSEN	13120805	9	May 06, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 06, 2019	0.18	0.18	0.18	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 06, 2019	6.40	6.40	6.40	100.0%
18960901	437	671	ARCO	13132365	2	May 06, 2019	0.13	0.17	0.13	100.0%
18960928	442	2158	MUNSEY	13132375	2	May 06, 2019	4.40	5.65	4.40	100.0%
18970510	437	664	ARCO	13132365	2	May 06, 2019	0.60	0.77	0.60	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 06, 2019	2.00	2.00	2.00	100.0%
18990509	442	1364	MUNSEY	13132375	2	May 06, 2019	0.60	0.77	0.60	100.0%
18990601	140	2071	MOORE	13132050	4	May 06, 2019	0.03	0.03	0.03	98.5%
18990601	307	72	NEILSEN	13120805	9	May 06, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 06, 2019	0.60	0.60	0.60	100.0%
19001101	310	833	CHILLY	13121105	9	May 06, 2019	5.00	5.00	5.00	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 06, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 06, 2019	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	May 06, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	May 06, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 06, 2019	3.40	3.40	3.40	100.0%
19020304	129	2186	CHILLY	13121105	9	May 06, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 06, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	May 06, 2019	2.00	2.00	2.00	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	May 06, 2019	2.00	2.00	2.00	100.0%

19030224	364	953	CHILLY	13121105	9	May 06, 2019	1.60	1.60	1.60	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 06, 2019	1.02	1.02	1.02	100.0%
19050501	403	811	NEILSEN	13120805	9	May 06, 2019	0.30	0.30	0.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 06, 2019	0.65	0.65	0.65	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 06, 2019	0.82	0.82	0.82	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 06, 2019	0.40	0.40	0.40	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 06, 2019	3.00	3.00	3.00	100.0%
19050501	130	74	NEILSEN	13120805	9	May 06, 2019	1.30	1.30	1.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	May 06, 2019	0.10	0.10	0.10	100.0%
19050501	129	2187	CHILLY	13121105	9	May 06, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	May 06, 2019	0.40	0.40	0.40	100.0%
19050501	364	629	CHILLY	13121105	9	May 06, 2019	0.20	0.20	0.20	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 06, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 06, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 06, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 06, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 06, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	May 06, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 06, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 06, 2019	2.00	2.00	2.00	100.0%
19121014	403	813	NEILSEN	13120805	9	May 06, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	May 06, 2019	4.20	4.20	4.20	100.0%
19140601	445	412	NEILSEN	13120805	9	May 06, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	May 06, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	May 06, 2019	0.80	0.80	0.80	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 06, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	May 06, 2019	0.31	0.31	0.31	100.0%
19170620	307	71	NEILSEN	13120805	9	May 06, 2019	4.96	4.96	4.96	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 06, 2019	0.02	0.02	0.02	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 06, 2019	9.32	11.96	9.32	100.0%
19950203	476	1272	MOORE	13132050	4	May 06, 2019	80.60	81.86	26.74	33.2%
19950411	476	1273	ARCO	13132365	2	May 06, 2019	10.28	13.19	10.20	99.2%
19950411	476	1273	BECK	13130525	4	May 06, 2019	1.00	1.02	1.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	May 06, 2019	4.68	4.75	4.68	100.0%
19950411	476	1273	DARLINGTON	13127735	5	May 06, 2019	26.32	26.73	26.32	100.0%
19950411	476	1273	BURNETT	13127750	5	May 06, 2019	41.58	42.23	41.58	100.0%
19950411	476	1273	SHARP	13126500	6	May 06, 2019	0.68	0.68	0.68	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 06, 2019	9969.40	9969.40	104.99	1.1%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 7, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 7	501.0	0.0	0.0	501.0	0.00	501.0	0.0	0.0	0.0	501.0	0.0	0.0
9	Howell to Chilly	May 7	335.0	77.0	0.0	-89.0	0.18	412.0	73.9	3.1	0.0	338.1	-3.1	0.0
8	Chilly to Reservoir	* May 7	301.9	18.9	0.0	-14.3	0.04	397.7	18.1	0.8	0.0	305.8	-3.9	0.0
	Disconnected													
7	Mackay Reservoir	* May 7	289.7	0.0	0.0	301.9	0.00	301.9	143.7		0.0	158.1	131.6	0.0
6	Reservoir to 2B	May 7	285.0	4.7	0.0	0.0	0.00	301.9	4.7	0.0	0.0	153.4	131.6	0.0
5	2B to Leslie	May 7	176.0	87.1	0.0	-21.9	0.08	301.9	79.1	8.1	0.0	62.6	113.4	0.0
4	Leslie to Moore	May 7	101.9	142.9	0.0	68.8	0.00	370.7	80.6	62.3	0.0	50.8	51.1	0.0
2	Moore to blw Munsey	May 7	39.0	47.9	0.0	-15.0	0.15	370.7	43.3	4.6	0.0	0.0	39.0	0.0
1	Blw Munsey to Arco	May 7	27.9	0.0	0.0	-11.1	0.28	370.7	0.0	0.0	0.0	0.0	27.9	0.0
							TOTAL		443.4	78.9	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 7	0.0	0.0		20180101	1%
9	Howell to Chilly	May 7	0.0	0.0		20180101	1%
8	Chilly to Reservoir	May 7	0.0	0.0		20180101	1%
	Disconnected						
7	Mackay Reservoir	May 7	0.0	0.0		20180101	1%
6	Reservoir to 2B	May 7	0.0	0.0		20180101	1%
5	2B to Leslie	May 7	11.8	10.1		20180101	1%
4	Leslie to Moore	May 7	0.0	0.0		20180101	1%
2	Moore to blw Munsey	May 7	7.5	7.5		20180101	1%
1	Blw Munsey to Arco	May 7	0.0	11.1		20180101	1%
	TOTAL		19.3	28.7	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	44.4
2	18810630	1.7	294.0	23.6
3	18880601	3.2	556.5	44.4
4	18960601	6.4	1113.0	88.9
5	19020301	0.8	140.0	11.1
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	2248.4
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	46311.9

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28560.0	28570.0	10.0	5.0	7.1

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	2460.9
Total Storage Loss	-1237.9
Total Storage Deliver	-1417.8
Total Evaporation	-105.0
Accounting Balance	28570.2
Current Res Content	28570.0
Storage Balance Error	0.2

DAILY STORAGE BALANCE

```
 28560.0 Reservoir Content Previous Day [ac-ft]
 28570.0 Reservoir Content Current Day [ac-ft]
    10.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------
           285.1 Storage Allocated to Mackay Reservoir [ac-ft]

          -112.3 Stored Flow Losses [ac-ft]
               -10.1 2B to Leslie [cfs]
                 0.0 Leslie to Moore [cfs]
                -7.5 Moore blw Munsey [cfs]
               -11.1 blw Munsey to Arco Gage [cfs]
               -27.9 Past Arco Gage [cfs]

          -148.7 Storage Delivered [ac-ft]
                 --- Above Reservoir [cfs]
                 0.0 Reservoir to 2B [cfs]
                 8.1 2B to Leslie [cfs]
                62.3 Leslie to Moore [cfs]
                 4.6 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

           -14.1 Evaporation [ac-ft]

    10.0 Accounting Change in Storage [ac-ft]
-------------------------------------------------------
     0.0 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   301.9 Gain in/above Mackay Reservoir [cfs]
     0.0 Gain in Reach 5: 2-B to Leslie [cfs]
    68.8 Gain in Reach 4: Leslie to Moore [cfs]
     0.0 Gain in Reach 2: Moore to Munsey [cfs]
     0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------
   370.7 Total Available Natural Flow [cfs]
-------------------------------------------------------
           143.7 Reservoir Rights Diverted [cfs]

            19.3 Natural Flow Losses below Reservoir [cfs]
                11.8 2B to Leslie [cfs]
                 0.0 Leslie to Moore [cfs]
                 7.5 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
                 0.0 Natural Flow Past Arco Gage [cfs]

           207.7 Natural Flow Delivered [cfs]
                 --- Above Reservoir Storage Use [cfs]
                 4.7 Reservoir to 2B [cfs]
                79.1 2B to Leslie [cfs]
                80.6 Leslie to Moore [cfs]
                43.3 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

   370.7 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------
     0.0 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	5.0	250
Eastside Felton Wier +	35.0	1750
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	40.0	2000
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	0.0	0
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	61.3	3067
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	23.0	1150
Total Out	84.3	4217

Abbreviated Reach Delivery Factor 2.11
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 412.9%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 23.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 5.6 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 63.6%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 8.8 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 56.2 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 255.1%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 262.5%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 7, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	0.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	4.7	0.0	0.0
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	4.8	0.0	0.0
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	31.3	0.1	41.4
9	NEILSEN	44.0	3.1	12.5	8	Smith Pumps	3.0	0.0	0.0	5	BURNETT	51.0	8.0	196.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	33.0	0.0	0.0	8	Broken River Pum	2.0	0.0	0.0	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	1.0	0.0	0.2
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	11.1	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	0.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	4.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	85.7	63.5	561.7
8	Mtn. Springs 1	0.0	0.0	0.0	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	56.2	55.5	804.8
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	17.6	0.0	0.0
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	0.0	0.0	0.0	2	MUNSEY	30.3	4.6	29.2
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	0.0	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	0.0	8	6X Ranch Navarre	0.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 07, 2019	5.00	5.00	5.00	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 07, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 07, 2019	1.70	1.70	1.70	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 07, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 07, 2019	3.00	3.00	3.00	100.0%
18830601	566	1778	MOORE	13132050	4	May 07, 2019	0.27	0.30	0.25	92.3%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	May 07, 2019	0.43	0.47	0.40	92.3%
18840422	338	117	DARLINGTON	13127735	5	May 07, 2019	1.63	1.77	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 07, 2019	0.51	0.55	0.51	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 07, 2019	0.96	1.04	0.96	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 07, 2019	1.44	1.56	1.44	100.0%
18840422	347	938	SHARP	13126500	6	May 07, 2019	4.00	4.00	4.00	100.0%
18840430	119	1366	BURNETT	13127750	5	May 07, 2019	0.40	0.43	0.40	100.0%
18840520	14	2061	MOORE	13132050	4	May 07, 2019	0.04	0.04	0.04	92.3%
18840520	14	2002	MOORE	13132050	4	May 07, 2019	0.02	0.02	0.02	92.3%
18840520	566	1782	MOORE	13132050	4	May 07, 2019	0.78	0.84	0.72	92.3%
18840601	119	56	BURNETT	13127750	5	May 07, 2019	0.04	0.04	0.04	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 07, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 07, 2019	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	May 07, 2019	1.20	1.30	1.11	92.3%
18840715	133	324	MOORE	13132050	4	May 07, 2019	0.62	0.67	0.57	92.3%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	May 07, 2019	0.23	0.25	0.21	92.3%
18840901	441	1107	MOORE	13132050	4	May 07, 2019	3.20	3.47	2.95	92.3%
18850218	411	805	DARLINGTON	13127735	5	May 07, 2019	1.52	1.65	1.52	100.0%
18850218	660	1654	DARLINGTON	13127735	5	May 07, 2019	0.34	0.37	0.34	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 07, 2019	0.79	0.86	0.79	100.0%
18850501	426	887	ARCO	13132365	2	May 07, 2019	0.64	0.81	0.64	100.0%
18850501	423	87	ARCO	13132365	2	May 07, 2019	0.20	0.25	0.20	100.0%
18850501	423	186	ARCO	13132365	2	May 07, 2019	0.26	0.33	0.26	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 07, 2019	2.80	2.80	2.80	100.0%
18850601	396	1965	DARLINGTON	13127735	5	May 07, 2019	0.40	0.43	0.40	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 07, 2019	0.28	0.28	0.28	100.0%
18851002	437	62	ARCO	13132365	2	May 07, 2019	1.54	1.96	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 07, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 07, 2019	0.40	0.43	0.37	92.3%
18860501	417	644	MOORE	13132050	4	May 07, 2019	1.20	1.30	1.11	92.3%
18860717	381	1762	DARLINGTON	13127735	5	May 07, 2019	0.97	1.05	0.97	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 07, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 07, 2019	0.80	0.80	0.80	100.0%
18870601	423	76	ARCO	13132365	2	May 07, 2019	0.22	0.28	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	May 07, 2019	1.12	1.42	1.12	100.0%
18870630	323	945	BURNETT	13127750	5	May 07, 2019	0.60	0.65	0.60	100.0%
18880601	437	670	ARCO	13132365	2	May 07, 2019	0.33	0.42	0.33	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 07, 2019	3.20	3.20	3.20	100.0%
18880801	442	750	MUNSEY	13132375	2	May 07, 2019	0.40	0.51	0.40	100.0%
18890601	441	205	MOORE	13132050	4	May 07, 2019	0.97	1.05	0.90	92.3%
18890601	589	716	BURNETT	13127750	5	May 07, 2019	0.30	0.32	0.30	100.0%
18900601	426	756	ARCO	13132365	2	May 07, 2019	0.57	0.72	0.57	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 07, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	May 07, 2019	5.00	5.00	5.00	100.0%
18940310	609	1496	CHILLY	13121105	9	May 07, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 07, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	May 07, 2019	2.20	2.79	2.20	100.0%
18950501	307	619	NEILSEN	13120805	9	May 07, 2019	3.20	3.20	3.20	100.0%
18950601	445	410	NEILSEN	13120805	9	May 07, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 07, 2019	0.02	0.02	0.02	100.0%
18960601	441	207	MOORE	13132050	4	May 07, 2019	1.00	1.08	0.92	92.3%
18960601	442	2196	MOORE	13132050	4	May 07, 2019	1.57	1.70	1.45	92.3%
18960601	56	1993	MACKAY DAM	13126000	7	May 07, 2019	6.40	6.40	6.40	100.0%

18960801	327	1137	MUNSEY	13132375	2	May 07, 2019	2.00	2.54	2.00	100.0%
18960901	437	671	ARCO	13132365	2	May 07, 2019	0.13	0.17	0.13	100.0%
18960928	150	216	MUNSEY	13132375	2	May 07, 2019	0.03	0.04	0.03	100.0%
18960928	442	2158	MUNSEY	13132375	2	May 07, 2019	4.40	5.59	4.40	100.0%
18960928	150	215	MUNSEY	13132375	2	May 07, 2019	1.97	2.50	1.97	100.0%
18970510	437	664	ARCO	13132365	2	May 07, 2019	1.74	2.21	1.74	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 07, 2019	2.00	2.00	2.00	100.0%
18980601	437	1310	ARCO	13132365	2	May 07, 2019	0.72	0.91	0.72	100.0%
18990327	566	1830	MOORE	13132050	4	May 07, 2019	0.21	0.23	0.19	92.3%
18990509	442	1364	MUNSEY	13132375	2	May 07, 2019	0.60	0.76	0.60	100.0%
18990601	140	2071	MOORE	13132050	4	May 07, 2019	0.03	0.03	0.03	92.3%
18990601	307	72	NEILSEN	13120805	9	May 07, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 07, 2019	0.60	0.60	0.60	100.0%
19001101	310	833	CHILLY	13121105	9	May 07, 2019	5.00	5.00	5.00	100.0%
19011102	426	1159	ARCO	13132365	2	May 07, 2019	1.19	1.51	1.19	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 07, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 07, 2019	0.90	0.90	0.90	100.0%
19020301	609	1492	CHILLY	13121105	9	May 07, 2019	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	May 07, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	May 07, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	May 07, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 07, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	May 07, 2019	2.00	2.00	2.00	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	May 07, 2019	2.00	2.00	2.00	100.0%
19030224	364	953	CHILLY	13121105	9	May 07, 2019	1.60	1.60	1.60	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 07, 2019	1.02	1.02	1.02	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 07, 2019	0.65	0.65	0.65	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 07, 2019	0.82	0.82	0.82	100.0%
19050501	154	2152	NEILSEN	13120805	9	May 07, 2019	0.10	0.10	0.10	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 07, 2019	3.00	3.00	3.00	100.0%
19050501	130	74	NEILSEN	13120805	9	May 07, 2019	1.30	1.30	1.30	100.0%
19050501	403	811	NEILSEN	13120805	9	May 07, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 07, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	May 07, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	May 07, 2019	0.20	0.20	0.20	100.0%
19050501	373	432	CHILLY	13121105	9	May 07, 2019	0.40	0.40	0.40	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 07, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 07, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 07, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 07, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 07, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	May 07, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 07, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	May 07, 2019	4.20	4.20	4.20	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 07, 2019	2.00	2.00	2.00	100.0%
19121014	403	813	NEILSEN	13120805	9	May 07, 2019	2.10	2.10	2.10	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	May 07, 2019	0.13	0.14	0.12	92.3%
19140601	445	413	NEILSEN	13120805	9	May 07, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	May 07, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	May 07, 2019	0.18	0.18	0.18	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 07, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	May 07, 2019	0.31	0.31	0.31	100.0%
19170620	307	71	NEILSEN	13120805	9	May 07, 2019	4.96	4.96	4.96	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 07, 2019	0.02	0.02	0.02	100.0%
19200601	150	218	MUNSEY	13132375	2	May 07, 2019	0.01	0.01	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	May 07, 2019	0.79	1.00	0.79	100.0%
19740402	150	220	MUNSEY	13132375	2	May 07, 2019	0.02	0.03	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 07, 2019	4.00	5.08	4.00	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 07, 2019	9.32	11.83	9.32	100.0%
19810501	566	1684	MOORE	13132050	4	May 07, 2019	0.82	0.89	0.76	92.3%
19950203	476	1272	MOORE	13132050	4	May 07, 2019	66.46	71.98	10.79	16.2%
19950411	476	1273	ARCO	13132365	2	May 07, 2019	8.94	11.35	8.94	100.0%
19950411	476	1273	BECK	13130525	4	May 07, 2019	1.00	1.08	1.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	May 07, 2019	4.80	5.20	4.80	100.0%

19950411	476	1273	DARLINGTON	13127735	5	May 07, 2019	22.72	24.61	22.72	100.0%
19950411	476	1273	BURNETT	13127750	5	May 07, 2019	41.66	45.12	41.66	100.0%
19950411	476	1273	SHARP	13126500	6	May 07, 2019	0.68	0.68	0.68	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 07, 2019	9969.40	9969.40	128.43	1.3%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 8, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 8	469.0	0.0	0.0	469.0	0.00	469.0	0.0	0.0	0.0	469.0	0.0	0.0
9	Howell to Chilly	May 8	310.0	77.0	0.0	-82.0	0.17	387.0	73.9	3.1	0.0	313.1	-3.1	0.0
8	Chilly to Reservoir	* May 8	314.8	23.9	0.0	28.7	0.00	415.7	23.1	0.8	0.0	318.7	-3.9	0.0
	Disconnected													
7	Mackay Reservoir	* May 8	346.7	0.0	0.0	314.8	0.00	314.8	120.3		0.0	194.4	152.2	0.0
6	Reservoir to 2B	May 8	346.0	0.7	0.0	0.0	0.00	314.8	0.7	0.0	0.0	193.8	152.2	0.0
5	2B to Leslie	May 8	238.0	86.2	0.0	-21.8	0.06	314.8	79.6	6.6	0.0	101.9	136.1	0.0
4	Leslie to Moore	May 8	118.7	183.0	0.0	63.7	0.00	378.5	119.5	63.5	0.0	46.1	72.6	0.0
2	Moore to blw Munsey	May 8	54.0	48.1	0.0	-16.6	0.14	378.5	39.7	8.4	0.0	0.0	54.0	0.0
1	Blw Munsey to Arco	May 8	37.7	0.0	0.0	-16.3	0.30	378.5	0.0	0.0	0.0	0.0	37.7	0.0
								TOTAL	456.8	82.4	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 8	0.0	0.0		20180101	1%
9	Howell to Chilly	May 8	0.0	0.0		20180101	1%
8	Chilly to Reservoir	May 8	0.0	0.0		20180101	1%
	Disconnected						
7	Mackay Reservoir	May 8	0.0	0.0		20180101	1%
6	Reservoir to 2B	May 8	0.0	0.0		20180101	1%
5	2B to Leslie	May 8	12.2	9.6		20180101	1%
4	Leslie to Moore	May 8	0.0	0.0		20180101	1%
2	Moore to blw Munsey	May 8	6.5	10.2		20180101	1%
1	Blw Munsey to Arco	May 8	0.0	16.3		20180101	1%
	TOTAL		18.7	36.0	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	50.8
2	18810630	1.7	294.0	27.0
3	18880601	3.2	556.5	50.8
4	18960601	6.4	1113.0	101.6
5	19020301	0.8	140.0	12.7
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	2456.8
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	46550.6

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28570.0	28490.0	-80.0	-40.3	8.4

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	2699.6
Total Storage Loss	-1384.3
Total Storage Deliver	-1573.5
Total Evaporation	-121.7
Accounting Balance	28490.1
Current Res Content	28490.0
Storage Balance Error	0.1

DAILY STORAGE BALANCE

```
 28570.0 Reservoir Content Previous Day [ac-ft]
 28490.0 Reservoir Content Current Day [ac-ft]
   -80.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------
           238.7 Storage Allocated to Mackay Reservoir [ac-ft]

          -146.4 Stored Flow Losses [ac-ft]
                 -9.6 2B to Leslie [cfs]
                  0.0 Leslie to Moore [cfs]
                -10.2 Moore blw Munsey [cfs]
                -16.3 blw Munsey to Arco Gage [cfs]
                -37.7 Past Arco Gage [cfs]

          -155.7 Storage Delivered [ac-ft]
                  --- Above Reservoir [cfs]
                  0.0 Reservoir to 2B [cfs]
                  6.6 2B to Leslie [cfs]
                 63.5 Leslie to Moore [cfs]
                  8.4 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]

           -16.7 Evaporation [ac-ft]

   -80.1 Accounting Change in Storage [ac-ft]
-------------------------------------------------------
    -0.1 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   314.8 Gain in/above Mackay Reservoir [cfs]
     0.0 Gain in Reach 5: 2-B to Leslie [cfs]
    63.7 Gain in Reach 4: Leslie to Moore [cfs]
     0.0 Gain in Reach 2: Moore to Munsey [cfs]
     0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------
   378.5 Total Available Natural Flow [cfs]
-------------------------------------------------------
           120.3 Reservoir Rights Diverted [cfs]

            18.7 Natural Flow Losses below Reservoir [cfs]
                12.2 2B to Leslie [cfs]
                 0.0 Leslie to Moore [cfs]
                 6.5 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
                 0.0 Natural Flow Past Arco Gage [cfs]

           239.5 Natural Flow Delivered [cfs]
                  --- Above Reservoir Storage Use [cfs]
                 0.7 Reservoir to 2B [cfs]
                79.6 2B to Leslie [cfs]
               119.5 Leslie to Moore [cfs]
                39.7 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

   378.5 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------
     0.0 Balance [cfs]
```

Abbreviated Reach

In

Description	CFS	INCHES
Island Jensen Weir +	11.0	550
Eastside Felton Wier +	32.0	1600
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	43.0	2150
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery

Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	1.7	83
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	52.2	2612
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	25.0	1250
Total Out	81.2	4060

Abbreviated Reach Delivery Factor 1.89
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 404.5%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 25.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 6.2 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 80.2%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 7.7 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 57.3 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 275.9%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 324.3%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 8, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	0.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	0.7	0.0	0.0
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	4.4	0.0	0.0
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	30.8	2.9	47.2
9	NEILSEN	44.0	3.1	18.7	8	Smith Pumps	3.0	0.0	0.0	5	BURNETT	51.0	3.6	203.7
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	33.0	0.0	0.0	8	Broken River Pum	2.0	0.0	0.0	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	6.7	1.2	2.5
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	12.7	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	0.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	4.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	119.0	44.8	650.6
8	Mtn. Springs 1	0.0	0.0	0.0	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	57.3	49.4	902.8
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	17.8	2.2	4.4
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	0.0	0.0	0.0	2	MUNSEY	30.3	6.2	41.5
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	0.0	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	0.0	8	6X Ranch Navarre	0.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 08, 2019	5.00	5.00	5.00	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 08, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 08, 2019	1.70	1.70	1.70	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 08, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 08, 2019	3.00	3.00	3.00	100.0%
18830601	566	1778	MOORE	13132050	4	May 08, 2019	0.27	0.29	0.26	93.7%
18830601	645	2057	MOORE	13132050	4	May 08, 2019	0.09	0.10	0.08	93.7%
18830810	263	393	MOORE	13132050	4	May 08, 2019	0.18	0.19	0.17	93.7%
18830810	2332	1088	MOORE	13132050	4	May 08, 2019	1.02	1.09	0.96	93.7%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	May 08, 2019	0.43	0.46	0.40	93.7%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	May 08, 2019	0.21	0.23	0.20	93.7%
18840422	236	30	BECK	13130525	4	May 08, 2019	1.64	1.75	1.54	93.7%
18840422	338	117	DARLINGTON	13127735	5	May 08, 2019	1.63	1.74	1.63	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 08, 2019	1.44	1.54	1.44	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 08, 2019	0.96	1.02	0.96	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 08, 2019	0.27	0.29	0.27	100.0%
18840422	347	938	SHARP	13126500	6	May 08, 2019	4.00	4.00	0.68	17.0%
18840430	119	1366	BURNETT	13127750	5	May 08, 2019	0.40	0.43	0.40	100.0%
18840520	14	2061	MOORE	13132050	4	May 08, 2019	0.04	0.04	0.04	93.7%
18840520	651	1727	MOORE	13132050	4	May 08, 2019	0.02	0.02	0.02	93.7%
18840520	14	2002	MOORE	13132050	4	May 08, 2019	0.02	0.02	0.02	93.7%
18840520	645	2056	MOORE	13132050	4	May 08, 2019	0.30	0.32	0.28	93.7%
18840520	604	2054	MOORE	13132050	4	May 08, 2019	1.15	1.23	1.08	93.7%
18840520	263	394	MOORE	13132050	4	May 08, 2019	0.22	0.23	0.21	93.7%
18840520	566	1782	MOORE	13132050	4	May 08, 2019	0.78	0.83	0.73	93.7%
18840520	2333	657	MOORE	13132050	4	May 08, 2019	1.02	1.09	0.96	93.7%
18840601	263	395	MOORE	13132050	4	May 08, 2019	0.08	0.09	0.07	93.7%
18840601	119	56	BURNETT	13127750	5	May 08, 2019	0.10	0.11	0.10	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 08, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 08, 2019	0.80	0.80	0.80	100.0%
18840715	133	324	MOORE	13132050	4	May 08, 2019	0.78	0.83	0.73	93.7%
18840715	417	1194	MOORE	13132050	4	May 08, 2019	1.20	1.28	1.12	93.7%
18840715	44	1005	MOORE	13132050	4	May 08, 2019	0.80	0.85	0.75	93.7%
18840731	44	1131	MOORE	13132050	4	May 08, 2019	0.80	0.85	0.75	93.7%
18840731	44	1132	MOORE	13132050	4	May 08, 2019	0.14	0.15	0.13	93.7%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	May 08, 2019	0.23	0.25	0.22	93.7%
18840831	638	772	UPPER EASTSIDE &	13132101	4	May 08, 2019	0.40	0.43	0.37	93.7%
18840901	441	1107	MOORE	13132050	4	May 08, 2019	3.20	3.42	3.00	93.7%
18841012	524	11	SWAUGER	13127600	5	May 08, 2019	0.80	0.85	0.80	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 08, 2019	0.79	0.84	0.79	100.0%
18850218	660	1654	DARLINGTON	13127735	5	May 08, 2019	0.14	0.15	0.14	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 08, 2019	1.36	1.45	1.36	100.0%
18850501	423	87	ARCO	13132365	2	May 08, 2019	0.20	0.25	0.20	100.0%
18850501	426	887	ARCO	13132365	2	May 08, 2019	0.64	0.79	0.64	100.0%
18850501	423	186	ARCO	13132365	2	May 08, 2019	0.26	0.32	0.26	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	May 08, 2019	0.24	0.26	0.22	93.7%
18850501	130	1285	NEILSEN	13120805	9	May 08, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	May 08, 2019	0.20	0.21	0.19	93.7%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	May 08, 2019	2.48	2.65	2.32	93.7%
18850601	396	1965	DARLINGTON	13127735	5	May 08, 2019	0.36	0.38	0.36	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 08, 2019	0.28	0.28	0.28	100.0%
18851002	437	62	ARCO	13132365	2	May 08, 2019	1.54	1.91	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 08, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	May 08, 2019	1.20	1.28	1.12	93.7%
18860501	417	1050	MOORE	13132050	4	May 08, 2019	1.08	1.15	1.01	93.7%
18860501	325	101	LOWER EASTSIDE &	13132291	4	May 08, 2019	2.06	2.20	1.93	93.7%
18860512	263	398	MOORE	13132050	4	May 08, 2019	0.18	0.19	0.17	93.7%
18860630	604	1710	MOORE	13132050	4	May 08, 2019	0.04	0.04	0.04	93.7%
18860717	381	1762	DARLINGTON	13127735	5	May 08, 2019	0.67	0.72	0.67	100.0%

18870401	403	1058	NEILSEN	13120805	9	May 08, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 08, 2019	0.80	0.80	0.80	100.0%
18870601	423	76	ARCO	13132365	2	May 08, 2019	0.22	0.27	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	May 08, 2019	1.12	1.39	1.12	100.0%
18870630	236	1428	BECK	13130525	4	May 08, 2019	0.80	0.85	0.75	93.7%
18870630	323	945	BURNETT	13127750	5	May 08, 2019	0.68	0.73	0.68	100.0%
18880601	437	670	ARCO	13132365	2	May 08, 2019	0.33	0.41	0.33	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 08, 2019	3.20	3.20	3.20	100.0%
18880630	236	1430	BECK	13130525	4	May 08, 2019	0.56	0.60	0.52	93.7%
18880801	442	750	MUNSEY	13132375	2	May 08, 2019	0.40	0.50	0.40	100.0%
18890601	441	205	MOORE	13132050	4	May 08, 2019	0.97	1.04	0.91	93.7%
18890601	589	716	BURNETT	13127750	5	May 08, 2019	0.34	0.36	0.34	100.0%
18900601	426	756	ARCO	13132365	2	May 08, 2019	0.57	0.71	0.57	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 08, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	May 08, 2019	5.00	5.00	5.00	100.0%
18940310	609	1496	CHILLY	13121105	9	May 08, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 08, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	May 08, 2019	2.20	2.73	2.20	100.0%
18950501	307	619	NEILSEN	13120805	9	May 08, 2019	3.20	3.20	3.20	100.0%
18950601	445	410	NEILSEN	13120805	9	May 08, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 08, 2019	0.02	0.02	0.02	100.0%
18960601	604	1711	MOORE	13132050	4	May 08, 2019	0.09	0.10	0.08	93.7%
18960601	2334	1495	MOORE	13132050	4	May 08, 2019	2.40	2.56	2.25	93.7%
18960601	651	1732	MOORE	13132050	4	May 08, 2019	0.02	0.02	0.02	93.7%
18960601	651	1730	MOORE	13132050	4	May 08, 2019	0.03	0.03	0.03	93.7%
18960601	441	207	MOORE	13132050	4	May 08, 2019	1.00	1.07	0.94	93.7%
18960601	263	397	MOORE	13132050	4	May 08, 2019	0.35	0.37	0.33	93.7%
18960601	263	399	MOORE	13132050	4	May 08, 2019	0.27	0.29	0.25	93.7%
18960601	604	1391	LOWER EASTSIDE &	13132291	4	May 08, 2019	1.17	1.25	1.10	93.7%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	May 08, 2019	0.04	0.04	0.03	93.7%
18960601	56	1993	MACKAY DAM	13126000	7	May 08, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 08, 2019	2.00	2.48	2.00	100.0%
18960901	437	671	ARCO	13132365	2	May 08, 2019	0.13	0.16	0.13	100.0%
18960928	442	2158	MUNSEY	13132375	2	May 08, 2019	4.40	5.46	4.40	100.0%
18960928	150	215	MUNSEY	13132375	2	May 08, 2019	1.20	1.49	1.20	100.0%
18970510	437	664	ARCO	13132365	2	May 08, 2019	1.74	2.16	1.74	100.0%
18970515	604	1877	MOORE	13132050	4	May 08, 2019	1.29	1.38	1.21	93.7%
18970515	130	1286	NEILSEN	13120805	9	May 08, 2019	2.00	2.00	2.00	100.0%
18980601	437	1310	ARCO	13132365	2	May 08, 2019	0.72	0.89	0.72	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	May 08, 2019	0.65	0.69	0.61	93.7%
18990327	604	1876	MOORE	13132050	4	May 08, 2019	0.15	0.16	0.14	93.7%
18990327	566	1830	MOORE	13132050	4	May 08, 2019	0.21	0.22	0.20	93.7%
18990327	645	2058	MOORE	13132050	4	May 08, 2019	0.08	0.09	0.07	93.7%
18990509	442	1364	MUNSEY	13132375	2	May 08, 2019	0.60	0.74	0.60	100.0%
18990601	140	2071	MOORE	13132050	4	May 08, 2019	0.03	0.03	0.03	93.7%
18990601	130	1076	NEILSEN	13120805	9	May 08, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 08, 2019	2.74	2.74	2.74	100.0%
19001101	310	833	CHILLY	13121105	9	May 08, 2019	5.00	5.00	5.00	100.0%
19011001	263	396	MOORE	13132050	4	May 08, 2019	0.14	0.15	0.13	93.7%
19011102	426	1159	ARCO	13132365	2	May 08, 2019	1.19	1.48	1.19	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	May 08, 2019	0.20	0.21	0.19	93.7%
19020301	56	1996	MACKAY DAM	13126000	7	May 08, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 08, 2019	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	May 08, 2019	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	May 08, 2019	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	May 08, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	May 08, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 08, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	May 08, 2019	2.00	2.00	2.00	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 08, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	May 08, 2019	2.00	2.00	2.00	100.0%
19030224	364	953	CHILLY	13121105	9	May 08, 2019	1.60	1.60	1.60	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 08, 2019	1.02	1.02	1.02	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 08, 2019	3.00	3.00	3.00	100.0%

19050501	403	1196	NEILSEN	13120805	9	May 08, 2019	0.40	0.40	0.40	100.0%
19050501	130	74	NEILSEN	13120805	9	May 08, 2019	1.30	1.30	1.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 08, 2019	0.65	0.65	0.65	100.0%
19050501	403	811	NEILSEN	13120805	9	May 08, 2019	0.30	0.30	0.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	May 08, 2019	0.10	0.10	0.10	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 08, 2019	0.82	0.82	0.82	100.0%
19050501	129	2187	CHILLY	13121105	9	May 08, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	May 08, 2019	0.20	0.20	0.20	100.0%
19050501	373	432	CHILLY	13121105	9	May 08, 2019	0.40	0.40	0.40	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 08, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 08, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 08, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 08, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 08, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	May 08, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 08, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	May 08, 2019	4.20	4.20	4.20	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 08, 2019	2.00	2.00	2.00	100.0%
19121014	403	813	NEILSEN	13120805	9	May 08, 2019	2.10	2.10	2.10	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	May 08, 2019	0.13	0.14	0.12	93.7%
19140601	445	412	NEILSEN	13120805	9	May 08, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	May 08, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	May 08, 2019	0.02	0.02	0.02	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 08, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	May 08, 2019	0.31	0.31	0.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 08, 2019	1.30	1.30	1.30	100.0%
19170620	307	71	NEILSEN	13120805	9	May 08, 2019	4.96	4.96	4.96	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 08, 2019	0.02	0.02	0.02	100.0%
19540821	2526	717	MUNSEY	13132375	2	May 08, 2019	1.20	1.49	1.20	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 08, 2019	2.76	3.42	2.76	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 08, 2019	9.32	11.56	9.32	100.0%
19810501	566	1684	MOORE	13132050	4	May 08, 2019	0.82	0.87	0.77	93.7%
19950203	476	1272	MOORE	13132050	4	May 08, 2019	82.84	88.41	53.09	64.1%
19950411	476	1273	ARCO	13132365	2	May 08, 2019	6.94	8.61	6.94	100.0%
19950411	476	1273	BECK	13130525	4	May 08, 2019	2.70	2.88	2.70	100.0%
19950411	476	1273	SWAUGER	13127600	5	May 08, 2019	3.60	3.84	3.60	100.0%
19950411	476	1273	DARLINGTON	13127735	5	May 08, 2019	20.24	21.60	20.24	100.0%
19950411	476	1273	BURNETT	13127750	5	May 08, 2019	45.84	48.92	45.84	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 08, 2019	9969.40	9969.40	105.05	1.1%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 9, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 9	449.0	0.0	0.0	449.0	0.00	449.0	0.0	0.0	0.0	449.0	0.0	0.0
9	Howell to Chilly	May 9	304.0	77.0	0.0	-68.0	0.15	381.0	73.9	3.1	0.0	307.1	-3.1	0.0
8	Chilly to Reservoir	* May 9	337.1	23.9	0.0	57.0	0.00	438.0	23.1	0.8	0.0	341.0	-3.9	0.0
	Disconnected													
7	Mackay Reservoir	* May 9	354.2	0.0	0.0	337.1	0.00	337.1	99.5		0.0	237.6	116.6	0.0
6	Reservoir to 2B	May 9	349.0	5.2	0.0	0.0	0.00	337.1	5.2	0.0	0.0	232.4	116.6	0.0
5	2B to Leslie	May 9	239.0	92.4	0.0	-17.6	0.05	337.1	72.3	20.1	0.0	148.3	90.7	0.0
4	Leslie to Moore	May 9	141.5	139.6	0.0	42.1	0.00	379.2	119.5	20.1	0.0	70.9	70.6	0.0
2	Moore to blw Munsey	May 9	39.0	54.4	0.0	-48.1	0.34	379.2	46.8	7.6	0.0	0.0	39.0	0.0
1	Blw Munsey to Arco	May 9	32.3	0.0	0.0	-6.7	0.17	379.2	0.0	0.0	0.0	0.0	32.3	0.0
							TOTAL		440.3	51.7	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 9	0.0	0.0		20180101	1%
9	Howell to Chilly	May 9	0.0	0.0		20180101	1%
8	Chilly to Reservoir	May 9	0.0	0.0		20180101	1%
	Disconnected						
7	Mackay Reservoir	May 9	0.0	0.0		20180101	1%
6	Reservoir to 2B	May 9	0.0	0.0		20180101	1%
5	2B to Leslie	May 9	11.7	5.9		20180101	1%
4	Leslie to Moore	May 9	0.0	0.0		20180101	1%
2	Moore to blw Munsey	May 9	24.1	24.0		20180101	1%
1	Blw Munsey to Arco	May 9	0.0	6.7		20180101	1%
	TOTAL		35.8	36.6	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	57.1
2	18810630	1.7	294.0	30.3
3	18880601	3.2	556.5	57.1
4	18960601	6.4	1113.0	114.2
5	19020301	0.8	140.0	14.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	2623.9
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	46748.0

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28490.0	28440.0	-50.0	-25.2	8.1

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	2897.0
Total Storage Loss	-1521.0
Total Storage Deliver	-1668.3
Total Evaporation	-137.8
Accounting Balance	28439.9
Current Res Content	28440.0
Storage Balance Error	-0.1

DAILY STORAGE BALANCE

```
 28490.0 Reservoir Content Previous Day [ac-ft]
 28440.0 Reservoir Content Current Day [ac-ft]
   -50.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------------
           197.4 Storage Allocated to Mackay Reservoir [ac-ft]

          -136.7 Stored Flow Losses [ac-ft]
                 -5.9 2B to Leslie [cfs]
                  0.0 Leslie to Moore [cfs]
                -24.0 Moore blw Munsey [cfs]
                 -6.7 blw Munsey to Arco Gage [cfs]
                -32.3 Past Arco Gage [cfs]

           -94.8 Storage Delivered [ac-ft]
                  --- Above Reservoir [cfs]
                  0.0 Reservoir to 2B [cfs]
                 20.1 2B to Leslie [cfs]
                 20.1 Leslie to Moore [cfs]
                  7.6 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]

           -16.1 Evaporation [ac-ft]

   -50.2 Accounting Change in Storage [ac-ft]
-------------------------------------------------------------
    -0.2 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
    337.1 Gain in/above Mackay Reservoir [cfs]
      0.0 Gain in Reach 5: 2-B to Leslie [cfs]
     42.1 Gain in Reach 4: Leslie to Moore [cfs]
      0.0 Gain in Reach 2: Moore to Munsey [cfs]
      0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------------
    379.2 Total Available Natural Flow [cfs]
-------------------------------------------------------------
             99.5 Reservoir Rights Diverted [cfs]

             35.8 Natural Flow Losses below Reservoir [cfs]
                 11.7 2B to Leslie [cfs]
                  0.0 Leslie to Moore [cfs]
                 24.1 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]
                  0.0 Natural Flow Past Arco Gage [cfs]

            243.8 Natural Flow Delivered [cfs]
                  --- Above Reservoir Storage Use [cfs]
                  5.2 Reservoir to 2B [cfs]
                 72.3 2B to Leslie [cfs]
                119.5 Leslie to Moore [cfs]
                 46.8 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]

    379.1 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------------
      0.1 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	12.0	600
Eastside Felton Wier +	28.0	1400
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	40.0	2000
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.6	130
Island Wanstrom David +	0.0	0
Eastside OUT	23.0	1150
Total Out	27.9	1395

Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.70

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)		
	Eastside Out + Eastside diversion below weirs Weirs + Groundwater Injection	= 69.8%
Step 2 - Groundwater at Eastside Out		
	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out		
	Eastside Out - Groundwater at Eastside Out	= 23.0 cfs
Step 4 - River at Weirs		
	River at Eastside Out Abbreviated Reach Delivery Factor	= 33.0 cfs
Step 5 - Upper Reach Delivery Factor		
	Weirs + Eastside Diversion Above Weirs Eastside In	= 77.4%
Step 6 - River at Eastside In		
	River at Weirs Upper Reach Delivery Factor	= 42.6 cfs
Step 7 - Canal at Eastside In		
	Eastside In - River at Eastside In	= 21.4 cfs
Step 8 - Canal Delivery Factor		
	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs Canal at Eastside	= 67.5%
Step 9 - Eastside River Delivery Factor		
	River at Eastside Out River at Eastside In	= 54.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 9, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	0.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	5.2	0.0	0.0
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	15.4	0.0	0.0
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	30.0	10.9	68.8
9	NEILSEN	44.0	3.1	24.9	8	Smith Pumps	3.0	0.0	0.0	5	BURNETT	47.0	9.2	222.0
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	33.0	0.0	0.0	8	Broken River Pum	0.0	0.0	0.0	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	1.0	0.0	2.5
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	14.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	0.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	4.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	117.2	12.3	674.9
8	Mtn. Springs 1	0.0	0.0	0.0	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	21.4	10.3	923.3
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	22.8	7.6	19.4
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	0.0	0.0	0.0	2	MUNSEY	31.6	0.0	41.5
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	0.0	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	0.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 09, 2019	5.00	5.00	5.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 09, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 09, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 09, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 09, 2019	1.70	1.70	1.70	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 09, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 09, 2019	3.00	3.00	3.00	100.0%
18830601	645	2057	MOORE	13132050	4	May 09, 2019	0.09	0.09	0.09	95.0%
18830601	566	1778	MOORE	13132050	4	May 09, 2019	0.27	0.29	0.26	95.0%
18830810	2332	1088	MOORE	13132050	4	May 09, 2019	0.90	0.95	0.85	95.0%
18830810	96	449	MOORE	13132050	4	May 09, 2019	0.48	0.51	0.46	95.0%
18830810	263	393	MOORE	13132050	4	May 09, 2019	0.18	0.19	0.17	95.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	May 09, 2019	0.43	0.45	0.41	95.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	May 09, 2019	0.21	0.22	0.20	95.0%
18840422	317	1533	SWAUGER	13127600	5	May 09, 2019	0.07	0.07	0.07	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 09, 2019	0.54	0.57	0.54	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 09, 2019	0.55	0.58	0.55	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 09, 2019	2.17	2.29	2.17	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 09, 2019	1.63	1.72	1.63	100.0%
18840422	347	938	SHARP	13126500	6	May 09, 2019	4.00	4.00	4.00	100.0%
18840422	103	1289	SHARP	13126500	6	May 09, 2019	0.50	0.50	0.50	100.0%
18840430	623	2234	BURNETT	13127750	5	May 09, 2019	0.40	0.42	0.40	100.0%
18840430	119	1366	BURNETT	13127750	5	May 09, 2019	0.40	0.42	0.40	100.0%
18840520	96	451	MOORE	13132050	4	May 09, 2019	0.58	0.61	0.55	95.0%
18840520	180	470	MOORE	13132050	4	May 09, 2019	0.16	0.17	0.15	95.0%
18840520	566	1782	MOORE	13132050	4	May 09, 2019	0.78	0.82	0.74	95.0%
18840520	604	2054	MOORE	13132050	4	May 09, 2019	1.15	1.21	1.09	95.0%
18840520	645	2056	MOORE	13132050	4	May 09, 2019	0.30	0.32	0.28	95.0%
18840520	14	2061	MOORE	13132050	4	May 09, 2019	0.04	0.04	0.04	95.0%
18840520	14	2002	MOORE	13132050	4	May 09, 2019	0.02	0.02	0.02	95.0%
18840520	651	1727	MOORE	13132050	4	May 09, 2019	0.02	0.02	0.02	95.0%
18840520	263	394	MOORE	13132050	4	May 09, 2019	0.22	0.23	0.21	95.0%
18840520	2333	657	MOORE	13132050	4	May 09, 2019	0.90	0.95	0.85	95.0%
18840531	338	122	DARLINGTON	13127735	5	May 09, 2019	0.72	0.76	0.72	100.0%
18840601	96	453	MOORE	13132050	4	May 09, 2019	0.21	0.22	0.20	95.0%
18840601	263	395	MOORE	13132050	4	May 09, 2019	0.08	0.08	0.08	95.0%
18840601	623	2181	BURNETT	13127750	5	May 09, 2019	0.27	0.28	0.27	100.0%
18840601	623	2134	BURNETT	13127750	5	May 09, 2019	0.20	0.21	0.20	100.0%
18840601	119	56	BURNETT	13127750	5	May 09, 2019	0.73	0.77	0.73	100.0%
18840601	623	2182	BURNETT	13127750	5	May 09, 2019	0.33	0.35	0.33	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 09, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 09, 2019	0.80	0.80	0.80	100.0%
18840715	133	324	MOORE	13132050	4	May 09, 2019	0.70	0.74	0.66	95.0%
18840715	417	1194	MOORE	13132050	4	May 09, 2019	1.20	1.26	1.14	95.0%
18840715	44	1005	MOORE	13132050	4	May 09, 2019	0.80	0.84	0.76	95.0%
18840715	459	798	MOORE	13132050	4	May 09, 2019	0.80	0.84	0.76	95.0%
18840715	459	1195	MOORE	13132050	4	May 09, 2019	1.20	1.26	1.14	95.0%
18840731	44	1131	MOORE	13132050	4	May 09, 2019	0.76	0.80	0.72	95.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	May 09, 2019	0.23	0.24	0.22	95.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	May 09, 2019	0.40	0.42	0.38	95.0%
18840901	441	1107	MOORE	13132050	4	May 09, 2019	3.20	3.37	3.04	95.0%
18840914	119	696	BURNETT	13127750	5	May 09, 2019	0.07	0.07	0.07	100.0%
18841012	459	342	MOORE	13132050	4	May 09, 2019	0.27	0.28	0.26	95.0%
18841012	70	341	MOORE	13132050	4	May 09, 2019	0.31	0.33	0.29	95.0%
18841012	317	1460	SWAUGER	13127600	5	May 09, 2019	2.19	2.31	2.19	100.0%
18841012	317	385	SWAUGER	13127600	5	May 09, 2019	0.74	0.78	0.74	100.0%
18841012	524	11	SWAUGER	13127600	5	May 09, 2019	2.78	2.93	2.78	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 09, 2019	1.65	1.74	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 09, 2019	0.29	0.31	0.29	100.0%

18850501	423	87	ARCO	13132365	2	May 09, 2019	0.20	0.32	0.20	100.0%
18850501	426	887	ARCO	13132365	2	May 09, 2019	0.64	1.02	0.64	100.0%
18850501	423	186	ARCO	13132365	2	May 09, 2019	0.26	0.41	0.26	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	May 09, 2019	0.24	0.25	0.23	95.0%
18850501	130	1285	NEILSEN	13120805	9	May 09, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	May 09, 2019	0.20	0.21	0.19	95.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	May 09, 2019	2.48	2.61	2.35	95.0%
18850531	411	827	DARLINGTON	13127735	5	May 09, 2019	3.20	3.37	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	May 09, 2019	0.64	0.67	0.64	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 09, 2019	0.28	0.28	0.28	100.0%
18851002	437	62	ARCO	13132365	2	May 09, 2019	1.54	2.46	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 09, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	May 09, 2019	1.20	1.26	1.14	95.0%
18860501	417	1050	MOORE	13132050	4	May 09, 2019	2.80	2.95	2.66	95.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	May 09, 2019	2.06	2.17	1.96	95.0%
18860512	263	398	MOORE	13132050	4	May 09, 2019	0.18	0.19	0.17	95.0%
18860512	96	459	MOORE	13132050	4	May 09, 2019	0.48	0.51	0.46	95.0%
18860601	357	1288	BURNETT	13127750	5	May 09, 2019	1.60	1.68	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	May 09, 2019	0.04	0.04	0.04	95.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 09, 2019	1.42	1.50	1.35	95.0%
18870313	70	337	MOORE	13132050	4	May 09, 2019	0.23	0.24	0.22	95.0%
18870401	403	1058	NEILSEN	13120805	9	May 09, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 09, 2019	0.80	0.80	0.80	100.0%
18870601	423	76	ARCO	13132365	2	May 09, 2019	0.22	0.35	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	May 09, 2019	1.12	1.79	1.12	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	May 09, 2019	2.60	2.74	2.47	95.0%
18870630	323	945	BURNETT	13127750	5	May 09, 2019	0.60	0.63	0.60	100.0%
18880601	437	670	ARCO	13132365	2	May 09, 2019	0.33	0.53	0.33	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 09, 2019	3.20	3.20	3.20	100.0%
18880801	442	750	MUNSEY	13132375	2	May 09, 2019	0.40	0.64	0.40	100.0%
18890601	441	205	MOORE	13132050	4	May 09, 2019	0.97	1.02	0.92	95.0%
18890601	475	969	BURNETT	13127750	5	May 09, 2019	1.20	1.26	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	May 09, 2019	0.30	0.32	0.30	100.0%
18900601	426	756	ARCO	13132365	2	May 09, 2019	0.57	0.91	0.57	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 09, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	May 09, 2019	5.00	5.00	5.00	100.0%
18930201	417	380	MOORE	13132050	4	May 09, 2019	0.22	0.23	0.21	95.0%
18940310	357	15	BURNETT	13127750	5	May 09, 2019	0.40	0.42	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	May 09, 2019	2.80	2.95	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	May 09, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 09, 2019	2.00	2.00	2.00	100.0%
18940601	223	1363	MUNSEY	13132375	2	May 09, 2019	2.20	3.51	2.20	100.0%
18940601	417	379	MOORE	13132050	4	May 09, 2019	0.15	0.16	0.14	95.0%
18950501	307	619	NEILSEN	13120805	9	May 09, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	May 09, 2019	0.80	0.84	0.76	95.0%
18950601	417	378	MOORE	13132050	4	May 09, 2019	0.10	0.11	0.09	95.0%
18950601	445	410	NEILSEN	13120805	9	May 09, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 09, 2019	0.02	0.02	0.02	100.0%
18950630	265	2218	BURNETT	13127750	5	May 09, 2019	0.20	0.21	0.20	100.0%
18960601	332	1112	MOORE	13132050	4	May 09, 2019	0.08	0.08	0.08	95.0%
18960601	263	399	MOORE	13132050	4	May 09, 2019	0.27	0.28	0.26	95.0%
18960601	417	381	MOORE	13132050	4	May 09, 2019	1.17	1.23	1.11	95.0%
18960601	651	1732	MOORE	13132050	4	May 09, 2019	0.02	0.02	0.02	95.0%
18960601	263	397	MOORE	13132050	4	May 09, 2019	0.35	0.37	0.33	95.0%
18960601	96	461	MOORE	13132050	4	May 09, 2019	0.05	0.05	0.05	95.0%
18960601	651	1730	MOORE	13132050	4	May 09, 2019	0.03	0.03	0.03	95.0%
18960601	2334	1495	MOORE	13132050	4	May 09, 2019	2.40	2.53	2.28	95.0%
18960601	441	207	MOORE	13132050	4	May 09, 2019	1.00	1.05	0.95	95.0%
18960601	604	1711	MOORE	13132050	4	May 09, 2019	0.09	0.09	0.09	95.0%
18960601	96	457	MOORE	13132050	4	May 09, 2019	0.92	0.97	0.87	95.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	May 09, 2019	0.04	0.04	0.03	95.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 09, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 09, 2019	2.00	3.19	2.00	100.0%
18960901	437	671	ARCO	13132365	2	May 09, 2019	0.13	0.21	0.13	100.0%

18960928	442	2158	MUNSEY	13132375	2	May 09, 2019	4.40	7.02	4.40	100.0%
18960928	150	215	MUNSEY	13132375	2	May 09, 2019	1.20	1.91	1.20	100.0%
18970510	437	664	ARCO	13132365	2	May 09, 2019	1.74	2.78	1.74	100.0%
18970510	411	673	DARLINGTON	13127735	5	May 09, 2019	0.63	0.66	0.63	100.0%
18970515	604	1877	MOORE	13132050	4	May 09, 2019	1.16	1.22	1.10	95.0%
18970515	130	1286	NEILSEN	13120805	9	May 09, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 09, 2019	0.22	0.23	0.22	100.0%
18980601	437	1310	ARCO	13132365	2	May 09, 2019	0.72	1.15	0.72	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	May 09, 2019	0.65	0.68	0.62	95.0%
18980901	268	562	ARCO	13132365	2	May 09, 2019	1.56	2.49	1.56	100.0%
18990327	180	468	MOORE	13132050	4	May 09, 2019	0.05	0.05	0.05	95.0%
18990327	645	2058	MOORE	13132050	4	May 09, 2019	0.08	0.08	0.08	95.0%
18990327	566	1830	MOORE	13132050	4	May 09, 2019	0.21	0.22	0.20	95.0%
18990509	442	1364	MUNSEY	13132375	2	May 09, 2019	0.92	1.47	0.92	100.0%
18990601	180	2110	MOORE	13132050	4	May 09, 2019	0.69	0.73	0.27	39.0%
18990601	307	72	NEILSEN	13120805	9	May 09, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 09, 2019	0.60	0.60	0.60	100.0%
19001101	310	833	CHILLY	13121105	9	May 09, 2019	5.00	5.00	5.00	100.0%
19010901	70	339	MOORE	13132050	4	May 09, 2019	0.12	0.13	0.12	100.0%
19011001	263	396	MOORE	13132050	4	May 09, 2019	0.14	0.15	0.14	100.0%
19011001	651	1729	MOORE	13132050	4	May 09, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	May 09, 2019	1.31	2.09	1.31	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	May 09, 2019	0.20	0.21	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 09, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 09, 2019	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	May 09, 2019	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	May 09, 2019	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	May 09, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	May 09, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 09, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	May 09, 2019	2.00	2.00	2.00	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 09, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	May 09, 2019	2.00	2.00	2.00	100.0%
19030224	364	953	CHILLY	13121105	9	May 09, 2019	1.60	1.60	1.60	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 09, 2019	1.40	1.40	1.40	100.0%
19050501	403	811	NEILSEN	13120805	9	May 09, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 09, 2019	0.40	0.40	0.40	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 09, 2019	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 09, 2019	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	May 09, 2019	1.30	1.30	1.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	May 09, 2019	0.10	0.10	0.10	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 09, 2019	0.65	0.65	0.65	100.0%
19050501	373	432	CHILLY	13121105	9	May 09, 2019	0.40	0.40	0.40	100.0%
19050501	364	629	CHILLY	13121105	9	May 09, 2019	0.20	0.20	0.20	100.0%
19050501	129	2187	CHILLY	13121105	9	May 09, 2019	0.78	0.78	0.78	100.0%
19081207	70	343	MOORE	13132050	4	May 09, 2019	0.17	0.18	0.17	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 09, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 09, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 09, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 09, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 09, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	May 09, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 09, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	May 09, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 09, 2019	2.00	2.00	2.00	100.0%
19121014	130	75	NEILSEN	13120805	9	May 09, 2019	4.20	4.20	4.20	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	May 09, 2019	0.13	0.14	0.13	100.0%
19121111	330	230	UPPER EASTSIDE &	13132101	4	May 09, 2019	0.32	0.34	0.32	100.0%
19140601	445	412	NEILSEN	13120805	9	May 09, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	May 09, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	May 09, 2019	0.02	0.02	0.02	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 09, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	May 09, 2019	0.31	0.31	0.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 09, 2019	1.30	1.30	1.30	100.0%

19170620	307	71	NEILSEN	13120805	9	May 09, 2019	4.96	4.96	4.96	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 09, 2019	0.02	0.02	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 09, 2019	4.40	7.02	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 09, 2019	15.98	25.50	15.98	100.0%
19770529	327	176	MUNSEY	13132375	2	May 09, 2019	0.16	0.26	0.10	62.5%
19810501	566	1684	MOORE	13132050	4	May 09, 2019	0.82	0.86	0.82	100.0%
19950203	476	1272	MOORE	13132050	4	May 09, 2019	74.24	78.18	74.24	100.0%
19950411	476	1273	ARCO	13132365	2	May 09, 2019	4.86	7.75	4.86	100.0%
19950411	476	1273	BECK	13130525	4	May 09, 2019	1.00	1.05	1.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	May 09, 2019	12.40	13.06	9.40	75.8%
19950411	476	1273	DARLINGTON	13127735	5	May 09, 2019	7.10	7.48	7.10	100.0%
19950411	476	1273	BURNETT	13127750	5	May 09, 2019	28.30	29.80	28.30	100.0%
19950411	476	1273	SHARP	13126500	6	May 09, 2019	0.70	0.70	0.70	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 09, 2019	9969.40	9969.40	84.23	0.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 10, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 10	411.0	0.0	0.0	411.0	0.00	411.0	0.0	0.0	0.0	411.0	0.0	0.0
9	Howell to Chilly	May 10	293.0	77.0	0.0	-41.0	0.10	370.0	73.9	3.1	0.0	296.1	-3.1	0.0
8	Chilly to Reservoir	* May 10	335.6	23.9	0.0	66.5	0.00	436.5	23.1	0.8	0.0	339.5	-3.9	0.0
	Disconnected													
7	Mackay Reservoir	* May 10	358.4	0.0	0.0	335.6	0.00	335.6	81.3		0.0	254.3	104.1	0.0
6	Reservoir to 2B	May 10	353.0	5.4	0.0	0.0	0.00	335.6	5.4	0.0	0.0	248.9	104.1	0.0
5	2B to Leslie	May 10	232.0	87.4	0.0	-33.6	0.10	335.6	71.6	15.8	0.0	153.6	78.4	0.0
4	Leslie to Moore	May 10	133.1	138.9	0.0	40.0	0.00	375.6	117.8	21.1	0.0	75.7	57.3	0.0
2	Moore to blw Munsey	May 10	24.0	58.3	0.0	-50.8	0.38	375.6	46.9	11.4	0.0	0.0	24.0	0.0
1	Blw Munsey to Arco	May 10	25.3	0.0	0.0	1.3	0.00	376.9	0.0	0.0	0.0	1.3	24.0	0.0
								TOTAL	420.0	52.2	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 10	0.0	0.0		20180101	1%
9	Howell to Chilly	May 10	0.0	0.0		20180101	1%
8	Chilly to Reservoir	May 10	0.0	0.0		20180101	1%
	Disconnected						
7	Mackay Reservoir	May 10	0.0	0.0		20180101	1%
6	Reservoir to 2B	May 10	0.0	0.0		20180101	1%
5	2B to Leslie	May 10	23.7	9.9		20180101	1%
4	Leslie to Moore	May 10	0.0	0.0		20180101	1%
2	Moore to blw Munsey	May 10	28.9	21.9		20180101	1%
1	Blw Munsey to Arco	May 10	0.0	0.0		20180101	1%
	TOTAL		52.6	31.8	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	63.5
2	18810630	1.7	294.0	33.7
3	18880601	3.2	556.5	63.5
4	18960601	6.4	1113.0	126.9
5	19020301	0.8	140.0	15.9
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	2754.9
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	46909.3

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28440.0	28380.0	-60.0	-30.2	7.4

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	3058.3
Total Storage Loss	-1631.7
Total Storage Deliver	-1764.1
Total Evaporation	-152.5
Accounting Balance	28380.0
Current Res Content	28380.0
Storage Balance Error	0.0

DAILY STORAGE BALANCE

```
 28440.0 Reservoir Content Previous Day [ac-ft]
 28380.0 Reservoir Content Current Day [ac-ft]
   -60.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------------
           161.3 Storage Allocated to Mackay Reservoir [ac-ft]

          -110.7 Stored Flow Losses [ac-ft]
                 -9.9 2B to Leslie [cfs]
                  0.0 Leslie to Moore [cfs]
                -21.9 Moore blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]
                -24.0 Past Arco Gage [cfs]

           -95.9 Storage Delivered [ac-ft]
                  --- Above Reservoir [cfs]
                  0.0 Reservoir to 2B [cfs]
                 15.8 2B to Leslie [cfs]
                 21.1 Leslie to Moore [cfs]
                 11.5 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]

           -14.8 Evaporation [ac-ft]

   -60.1 Accounting Change in Storage [ac-ft]
-------------------------------------------------------------
    -0.1 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
    335.6 Gain in/above Mackay Reservoir [cfs]
      0.0 Gain in Reach 5: 2-B to Leslie [cfs]
     40.0 Gain in Reach 4: Leslie to Moore [cfs]
      0.0 Gain in Reach 2: Moore to Munsey [cfs]
      1.3 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------------
    376.9 Total Available Natural Flow [cfs]
-------------------------------------------------------------
             81.3 Reservoir Rights Diverted [cfs]

             53.9 Natural Flow Losses below Reservoir [cfs]
                 23.7 2B to Leslie [cfs]
                  0.0 Leslie to Moore [cfs]
                 28.9 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]
                  1.3 Natural Flow Past Arco Gage [cfs]

            241.7 Natural Flow Delivered [cfs]
                  --- Above Reservoir Storage Use [cfs]
                  5.4 Reservoir to 2B [cfs]
                 71.6 2B to Leslie [cfs]
                117.8 Leslie to Moore [cfs]
                 46.9 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]

    376.9 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------------
      0.0 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.0	550
Eastside Felton Wier +	28.0	1400
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	39.0	1950
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.4	168
Island Wanstrom David +	0.0	0
Eastside OUT	22.0	1100
Total Out	27.7	1383
Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.71	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 70.9%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 22.0 cfs
Step 4 - River at Weirs	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 31.0 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 75.6%
Step 6 - River at Eastside In	River at Weirs --- Upper Reach Delivery Factor	= 41.1 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 22.9 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 65.5%
Step 9 - Eastside River Delivery Factor	River at Eastside Out --- River at Eastside In	= 53.6%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 10, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	0.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	5.4	0.0	0.0
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	15.4	0.0	0.0
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	22.0	7.8	84.3
9	NEILSEN	44.0	3.1	31.1	8	Smith Pumps	3.0	0.0	0.0	5	BURNETT	50.0	8.0	237.9
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	33.0	0.0	0.0	8	Broken River Pum	0.0	0.0	0.0	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	1.0	0.0	2.5
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	15.9	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	0.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	4.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	115.0	15.3	705.2
8	Mtn. Springs 1	0.0	0.0	0.0	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	22.9	10.9	944.8
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	30.2	11.4	42.1
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	0.0	0.0	0.0	2	MUNSEY	28.1	0.0	41.5
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	0.0	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	0.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 10, 2019	5.00	5.00	5.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 10, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 10, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 10, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 10, 2019	1.70	1.70	1.70	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 10, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 10, 2019	3.00	3.00	3.00	100.0%
18830601	566	1778	MOORE	13132050	4	May 10, 2019	0.27	0.30	0.25	90.5%
18830601	645	2057	MOORE	13132050	4	May 10, 2019	0.09	0.10	0.08	90.5%
18830810	263	393	MOORE	13132050	4	May 10, 2019	0.18	0.20	0.16	90.5%
18830810	96	449	MOORE	13132050	4	May 10, 2019	0.48	0.53	0.43	90.5%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	May 10, 2019	0.21	0.23	0.19	90.5%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	May 10, 2019	0.43	0.48	0.39	90.5%
18840422	433	1427	MOORE	13132050	4	May 10, 2019	0.14	0.15	0.13	90.5%
18840422	317	1533	SWAUGER	13127600	5	May 10, 2019	0.07	0.08	0.07	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 10, 2019	0.55	0.61	0.55	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 10, 2019	0.40	0.44	0.40	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 10, 2019	1.63	1.80	1.63	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 10, 2019	1.80	1.99	1.80	100.0%
18840422	360	133	BURNETT	13127750	5	May 10, 2019	2.00	2.21	2.00	100.0%
18840422	103	1289	SHARP	13126500	6	May 10, 2019	0.50	0.50	0.50	100.0%
18840422	347	938	SHARP	13126500	6	May 10, 2019	4.00	4.00	4.00	100.0%
18840430	360	67	BURNETT	13127750	5	May 10, 2019	0.60	0.66	0.60	100.0%
18840430	119	1366	BURNETT	13127750	5	May 10, 2019	0.40	0.44	0.40	100.0%
18840430	623	2234	BURNETT	13127750	5	May 10, 2019	0.40	0.44	0.40	100.0%
18840520	433	271	MOORE	13132050	4	May 10, 2019	0.54	0.60	0.49	90.5%
18840520	2333	657	MOORE	13132050	4	May 10, 2019	0.86	0.95	0.78	90.5%
18840520	14	2002	MOORE	13132050	4	May 10, 2019	0.02	0.02	0.02	90.5%
18840520	604	2054	MOORE	13132050	4	May 10, 2019	1.15	1.27	1.04	90.5%
18840520	566	1782	MOORE	13132050	4	May 10, 2019	0.78	0.86	0.71	90.5%
18840520	263	394	MOORE	13132050	4	May 10, 2019	0.22	0.24	0.20	90.5%
18840520	96	451	MOORE	13132050	4	May 10, 2019	0.58	0.64	0.52	90.5%
18840520	14	2061	MOORE	13132050	4	May 10, 2019	0.04	0.04	0.04	90.5%
18840520	651	1727	MOORE	13132050	4	May 10, 2019	0.02	0.02	0.02	90.5%
18840520	645	2056	MOORE	13132050	4	May 10, 2019	0.30	0.33	0.27	90.5%
18840520	463	1300	MOORE	13132050	4	May 10, 2019	1.60	1.77	1.45	90.5%
18840531	338	122	DARLINGTON	13127735	5	May 10, 2019	0.40	0.44	0.40	100.0%
18840601	96	453	MOORE	13132050	4	May 10, 2019	0.21	0.23	0.19	90.5%
18840601	263	395	MOORE	13132050	4	May 10, 2019	0.08	0.09	0.07	90.5%
18840601	119	56	BURNETT	13127750	5	May 10, 2019	0.73	0.81	0.73	100.0%
18840601	623	2134	BURNETT	13127750	5	May 10, 2019	0.20	0.22	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	May 10, 2019	0.27	0.29	0.27	100.0%
18840601	623	2182	BURNETT	13127750	5	May 10, 2019	0.33	0.37	0.33	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 10, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 10, 2019	0.80	0.80	0.80	100.0%
18840715	133	324	MOORE	13132050	4	May 10, 2019	0.66	0.73	0.60	90.5%
18840715	417	1194	MOORE	13132050	4	May 10, 2019	1.20	1.33	1.09	90.5%
18840715	459	798	MOORE	13132050	4	May 10, 2019	0.80	0.88	0.72	90.5%
18840715	44	1005	MOORE	13132050	4	May 10, 2019	0.80	0.88	0.72	90.5%
18840715	459	1195	MOORE	13132050	4	May 10, 2019	1.20	1.33	1.09	90.5%
18840731	44	1131	MOORE	13132050	4	May 10, 2019	0.68	0.75	0.62	90.5%
18840831	638	772	UPPER EASTSIDE &	13132101	4	May 10, 2019	0.40	0.44	0.36	90.5%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	May 10, 2019	0.23	0.25	0.21	90.5%
18840901	441	1107	MOORE	13132050	4	May 10, 2019	3.20	3.54	2.90	90.5%
18840914	119	696	BURNETT	13127750	5	May 10, 2019	0.07	0.07	0.07	100.0%
18841012	433	1081	MOORE	13132050	4	May 10, 2019	0.86	0.95	0.78	90.5%
18841012	70	341	MOORE	13132050	4	May 10, 2019	0.31	0.34	0.28	90.5%
18841012	459	342	MOORE	13132050	4	May 10, 2019	0.17	0.19	0.15	90.5%
18841012	317	1460	SWAUGER	13127600	5	May 10, 2019	2.19	2.42	2.19	100.0%

18841012	524	11	SWAUGER	13127600	5	May 10, 2019	2.78	3.07	2.78	100.0%
18841012	317	385	SWAUGER	13127600	5	May 10, 2019	0.74	0.82	0.74	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 10, 2019	1.65	1.82	1.65	100.0%
18850501	426	887	ARCO	13132365	2	May 10, 2019	0.64	1.14	0.64	100.0%
18850501	423	186	ARCO	13132365	2	May 10, 2019	0.26	0.46	0.26	100.0%
18850501	423	87	ARCO	13132365	2	May 10, 2019	0.20	0.36	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	May 10, 2019	0.24	0.27	0.22	90.5%
18850501	130	1285	NEILSEN	13120805	9	May 10, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	May 10, 2019	0.20	0.22	0.18	90.5%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	May 10, 2019	2.74	3.03	2.48	90.5%
18850531	411	827	DARLINGTON	13127735	5	May 10, 2019	2.35	2.60	2.35	100.0%
18850601	396	1965	DARLINGTON	13127735	5	May 10, 2019	0.40	0.44	0.40	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 10, 2019	0.28	0.28	0.28	100.0%
18851002	356	42	ARCO	13132365	2	May 10, 2019	4.50	8.04	4.50	100.0%
18851002	356	82	ARCO	13132365	2	May 10, 2019	3.20	5.72	3.20	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 10, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	May 10, 2019	1.20	1.33	1.09	90.5%
18860501	417	1050	MOORE	13132050	4	May 10, 2019	2.80	3.09	2.53	90.5%
18860501	325	101	LOWER EASTSIDE &	13132291	4	May 10, 2019	2.06	2.28	1.86	90.5%
18860512	96	459	MOORE	13132050	4	May 10, 2019	0.48	0.53	0.43	90.5%
18860512	263	398	MOORE	13132050	4	May 10, 2019	0.18	0.20	0.16	90.5%
18860601	306	851	UPPER EASTSIDE &	13132101	4	May 10, 2019	1.56	1.72	1.41	90.5%
18860601	357	1288	BURNETT	13127750	5	May 10, 2019	1.60	1.77	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	May 10, 2019	0.04	0.04	0.04	90.5%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 10, 2019	0.80	0.88	0.72	90.5%
18870313	70	337	MOORE	13132050	4	May 10, 2019	0.23	0.25	0.21	90.5%
18870401	403	1058	NEILSEN	13120805	9	May 10, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 10, 2019	0.80	0.80	0.80	100.0%
18870601	423	76	ARCO	13132365	2	May 10, 2019	0.22	0.39	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	May 10, 2019	1.12	2.00	1.12	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	May 10, 2019	3.20	3.54	2.90	90.5%
18870630	323	945	BURNETT	13127750	5	May 10, 2019	0.60	0.66	0.60	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 10, 2019	3.20	3.20	3.20	100.0%
18880801	442	750	MUNSEY	13132375	2	May 10, 2019	0.40	0.71	0.40	100.0%
18890601	463	1396	MOORE	13132050	4	May 10, 2019	0.20	0.22	0.18	90.5%
18890601	441	205	MOORE	13132050	4	May 10, 2019	0.97	1.07	0.88	90.5%
18890601	475	969	BURNETT	13127750	5	May 10, 2019	1.20	1.33	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	May 10, 2019	0.30	0.33	0.30	100.0%
18900601	426	756	ARCO	13132365	2	May 10, 2019	0.57	1.02	0.57	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 10, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	May 10, 2019	5.00	5.00	5.00	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	May 10, 2019	0.16	0.18	0.14	90.5%
18930201	463	1423	MOORE	13132050	4	May 10, 2019	0.30	0.33	0.27	90.5%
18930201	417	380	MOORE	13132050	4	May 10, 2019	0.22	0.24	0.20	90.5%
18940310	265	2217	BURNETT	13127750	5	May 10, 2019	2.80	3.09	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	May 10, 2019	0.40	0.44	0.40	100.0%
18940310	609	1496	CHILLY	13121105	9	May 10, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 10, 2019	2.00	2.00	2.00	100.0%
18940521	463	933	MOORE	13132050	4	May 10, 2019	0.12	0.13	0.11	90.5%
18940601	223	1363	MUNSEY	13132375	2	May 10, 2019	3.20	5.72	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 10, 2019	0.15	0.17	0.14	90.5%
18950501	307	619	NEILSEN	13120805	9	May 10, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 10, 2019	0.10	0.11	0.09	90.5%
18950601	445	410	NEILSEN	13120805	9	May 10, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 10, 2019	0.02	0.02	0.02	100.0%
18950630	265	2218	BURNETT	13127750	5	May 10, 2019	0.20	0.22	0.20	100.0%
18960601	604	1711	MOORE	13132050	4	May 10, 2019	0.09	0.10	0.08	90.5%
18960601	441	207	MOORE	13132050	4	May 10, 2019	1.00	1.11	0.90	90.5%
18960601	417	381	MOORE	13132050	4	May 10, 2019	0.83	0.92	0.75	90.5%
18960601	651	1730	MOORE	13132050	4	May 10, 2019	0.03	0.03	0.03	90.5%
18960601	651	1732	MOORE	13132050	4	May 10, 2019	0.02	0.02	0.02	90.5%
18960601	2334	1495	MOORE	13132050	4	May 10, 2019	2.40	2.65	1.08	44.8%
18960601	332	1112	MOORE	13132050	4	May 10, 2019	0.08	0.09	0.08	100.0%
18960601	263	397	MOORE	13132050	4	May 10, 2019	0.35	0.39	0.35	100.0%

18960601	263	399	MOORE	13132050	4	May 10, 2019	0.27	0.30	0.27	100.0%
18960601	96	457	MOORE	13132050	4	May 10, 2019	0.85	0.94	0.85	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	May 10, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 10, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 10, 2019	2.00	3.57	2.00	100.0%
18960928	442	2158	MUNSEY	13132375	2	May 10, 2019	3.72	6.65	3.72	100.0%
18960928	150	215	MUNSEY	13132375	2	May 10, 2019	1.14	2.04	1.14	100.0%
18970515	604	1877	MOORE	13132050	4	May 10, 2019	1.04	1.15	1.04	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 10, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 10, 2019	0.22	0.24	0.22	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	May 10, 2019	0.65	0.72	0.65	100.0%
18980901	356	818	ARCO	13132365	2	May 10, 2019	0.30	0.54	0.30	100.0%
18980901	268	562	ARCO	13132365	2	May 10, 2019	1.57	2.81	1.57	100.0%
18990327	566	1830	MOORE	13132050	4	May 10, 2019	0.21	0.23	0.21	100.0%
18990327	645	2058	MOORE	13132050	4	May 10, 2019	0.08	0.09	0.08	100.0%
18990327	14	2062	MOORE	13132050	4	May 10, 2019	0.01	0.01	0.01	100.0%
18990601	140	2071	MOORE	13132050	4	May 10, 2019	0.03	0.03	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	May 10, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 10, 2019	0.60	0.60	0.60	100.0%
19001101	310	833	CHILLY	13121105	9	May 10, 2019	5.00	5.00	5.00	100.0%
19010901	70	339	MOORE	13132050	4	May 10, 2019	0.12	0.13	0.12	100.0%
19011001	263	396	MOORE	13132050	4	May 10, 2019	0.14	0.15	0.14	100.0%
19011001	651	1729	MOORE	13132050	4	May 10, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	May 10, 2019	1.31	2.34	1.31	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	May 10, 2019	0.20	0.22	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 10, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 10, 2019	0.90	0.90	0.90	100.0%
19020301	609	1492	CHILLY	13121105	9	May 10, 2019	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	May 10, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	May 10, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	May 10, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 10, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	May 10, 2019	2.00	2.00	2.00	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 10, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	May 10, 2019	2.00	2.00	2.00	100.0%
19030224	364	953	CHILLY	13121105	9	May 10, 2019	1.60	1.60	1.60	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 10, 2019	1.40	1.40	1.40	100.0%
19050501	154	2152	NEILSEN	13120805	9	May 10, 2019	0.10	0.10	0.10	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 10, 2019	0.65	0.65	0.65	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 10, 2019	3.00	3.00	3.00	100.0%
19050501	130	74	NEILSEN	13120805	9	May 10, 2019	1.30	1.30	1.30	100.0%
19050501	403	811	NEILSEN	13120805	9	May 10, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 10, 2019	0.40	0.40	0.40	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 10, 2019	0.82	0.82	0.82	100.0%
19050501	129	2187	CHILLY	13121105	9	May 10, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	May 10, 2019	0.20	0.20	0.20	100.0%
19050501	373	432	CHILLY	13121105	9	May 10, 2019	0.40	0.40	0.40	100.0%
19081207	70	343	MOORE	13132050	4	May 10, 2019	0.17	0.19	0.17	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 10, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 10, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 10, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 10, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 10, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 10, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	May 10, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	May 10, 2019	4.20	4.20	4.20	100.0%
19121014	403	813	NEILSEN	13120805	9	May 10, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 10, 2019	2.00	2.00	2.00	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	May 10, 2019	0.13	0.14	0.13	100.0%
19140601	445	412	NEILSEN	13120805	9	May 10, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	May 10, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	May 10, 2019	0.02	0.02	0.02	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 10, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	May 10, 2019	0.31	0.31	0.31	100.0%

19160601	501	679	Zollinger 1	13122245	8	May 10, 2019	1.30	1.30	1.30	100.0%
19170620	307	71	NEILSEN	13120805	9	May 10, 2019	4.96	4.96	4.96	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 10, 2019	0.02	0.02	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 10, 2019	4.40	7.86	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 10, 2019	13.20	23.58	13.20	100.0%
19770529	327	176	MUNSEY	13132375	2	May 10, 2019	0.12	0.21	0.04	33.3%
19810501	566	1684	MOORE	13132050	4	May 10, 2019	0.82	0.91	0.82	100.0%
19950203	476	1272	MOORE	13132050	4	May 10, 2019	70.56	77.98	70.56	100.0%
19950411	476	1273	ARCO	13132365	2	May 10, 2019	4.86	8.68	4.86	100.0%
19950411	476	1273	BECK	13130525	4	May 10, 2019	1.00	1.11	1.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	May 10, 2019	9.40	10.39	9.40	100.0%
19950411	476	1273	DARLINGTON	13127735	5	May 10, 2019	5.02	5.55	5.02	100.0%
19950411	476	1273	BURNETT	13127750	5	May 10, 2019	29.90	33.05	29.90	100.0%
19950411	476	1273	SHARP	13126500	6	May 10, 2019	0.90	0.90	0.90	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 10, 2019	9969.40	9969.40	66.04	0.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 11, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 11	433.0	0.0	0.0	433.0	0.00	433.0	0.0	0.0	0.0	433.0	0.0	0.0
9	Howell to Chilly	May 11	288.0	77.0	0.0	-68.0	0.16	365.0	73.9	3.1	0.0	291.1	-3.1	0.0
8	Chilly to Reservoir	* May 11	329.3	23.9	0.0	65.2	0.00	430.2	23.1	0.8	0.0	333.3	-3.9	0.0
	Disconnected													
7	Mackay Reservoir	* May 11	367.6	0.0	0.0	329.3	0.00	329.3	69.6		0.0	259.8	107.8	0.0
6	Reservoir to 2B	May 11	363.0	4.6	0.0	0.0	0.00	329.3	4.3	0.3	0.0	255.5	107.5	0.0
5	2B to Leslie	May 11	231.0	97.6	0.0	-34.4	0.09	329.3	67.0	30.6	0.0	164.2	66.8	0.0
4	Leslie to Moore	May 11	105.6	156.3	0.0	30.9	0.00	360.2	126.7	29.5	0.0	68.4	37.3	0.0
2	Moore to blw Munsey	May 11	8.0	46.9	0.0	-50.7	0.48	360.2	35.5	11.4	0.0	0.0	8.0	0.0
1	Blw Munsey to Arco	May 11	15.2	0.0	0.0	7.2	0.00	367.4	0.0	0.0	0.0	7.2	8.0	0.0
								TOTAL	400.1	75.7	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 11	0.0	0.0		20180101	1%
9	Howell to Chilly	May 11	0.0	0.0		20180101	1%
8	Chilly to Reservoir	May 11	0.0	0.0		20180101	1%
	Disconnected						
7	Mackay Reservoir	May 11	0.0	0.0		20180101	1%
6	Reservoir to 2B	May 11	0.0	0.0		20180101	1%
5	2B to Leslie	May 11	24.2	10.2		20180101	1%
4	Leslie to Moore	May 11	0.0	0.0		20180101	1%
2	Moore to blw Munsey	May 11	32.8	17.9		20180101	1%
1	Blw Munsey to Arco	May 11	0.0	0.0		20180101	1%
	TOTAL		57.0	28.1	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	69.8
2	18810630	1.7	294.0	37.1
3	18880601	3.2	556.5	69.8
4	18960601	6.4	1113.0	139.6
5	19020301	0.8	140.0	17.5
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	2862.5
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	47047.3

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28380.0	28290.0	-90.0	-45.4	7.1

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	3196.3
Total Storage Loss	-1703.3
Total Storage Deliver	-1906.5
Total Evaporation	-166.6
Accounting Balance	28289.9
Current Res Content	28290.0
Storage Balance Error	-0.1

DAILY STORAGE BALANCE

28380.0	Reservoir Content Previous Day [ac-ft]
28290.0	Reservoir Content Current Day [ac-ft]
-90.0	Physical Change in Storage [ac-ft]
138.0	Storage Allocated to Mackay Reservoir [ac-ft]
-71.6	Stored Flow Losses [ac-ft]
-10.2	2B to Leslie [cfs]
0.0	Leslie to Moore [cfs]
-17.9	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-8.0	Past Arco Gage [cfs]
-142.3	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.3	Reservoir to 2B [cfs]
30.6	2B to Leslie [cfs]
29.5	Leslie to Moore [cfs]
11.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-14.1	Evaporation [ac-ft]
-90.0	Accounting Change in Storage [ac-ft]
0.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

329.3	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
30.9	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
7.2	Gain in Reach 1: Munsey to Arco [cfs]
367.4	Total Available Natural Flow [cfs]
69.6	Reservoir Rights Diverted [cfs]
64.2	Natural Flow Losses below Reservoir [cfs]
24.2	2B to Leslie [cfs]
0.0	Leslie to Moore [cfs]
32.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
7.2	Natural Flow Past Arco Gage [cfs]
233.5	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
4.3	Reservoir to 2B [cfs]
67.0	2B to Leslie [cfs]
126.7	Leslie to Moore [cfs]
35.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
367.3	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	9.0	450
Eastside Felton Wier +	24.0	1200
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	33.0	1650
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.1	205
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.4	168
Island Wanstrom David +	0.0	0
Eastside OUT	15.0	750
Total Out	22.5	1123

Abbreviated Reach Delivery Factor 0.68
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 68.1%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 15.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 22.0 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 74.6%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 29.5 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 33.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 64.1%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 50.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 11, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	0.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	4.6	0.3	0.6
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	15.4	4.6	9.2
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	35.2	16.4	116.7
9	NEILSEN	44.0	3.1	37.4	8	Smith Pumps	3.0	0.0	0.0	5	BURNETT	47.0	9.6	256.9
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	33.0	0.0	0.0	8	Broken River Pum	0.0	0.0	0.0	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	10.0	5.1	12.7
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	17.5	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	0.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	4.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	112.8	13.4	731.8
8	Mtn. Springs 1	0.0	0.0	0.0	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	33.5	14.7	974.0
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	19.8	7.5	57.0
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	0.0	0.0	0.0	2	MUNSEY	27.1	3.9	49.2
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	0.0	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	0.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 11, 2019	5.00	5.00	5.00	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 11, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 11, 2019	0.59	0.59	0.59	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 11, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 11, 2019	1.70	1.70	1.70	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 11, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 11, 2019	3.00	3.00	3.00	100.0%
18830601	566	1778	MOORE	13132050	4	May 11, 2019	0.27	0.30	0.25	90.5%
18830601	645	2057	MOORE	13132050	4	May 11, 2019	0.09	0.10	0.08	90.5%
18830810	263	393	MOORE	13132050	4	May 11, 2019	0.18	0.20	0.16	90.5%
18830810	96	449	MOORE	13132050	4	May 11, 2019	0.48	0.53	0.43	90.5%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	May 11, 2019	0.43	0.48	0.39	90.5%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	May 11, 2019	0.21	0.23	0.19	90.5%
18840422	236	30	BECK	13130525	4	May 11, 2019	1.64	1.81	1.48	90.5%
18840422	433	1427	MOORE	13132050	4	May 11, 2019	0.14	0.15	0.13	90.5%
18840422	347	938	SWAUGER	13127600	5	May 11, 2019	1.79	1.98	1.79	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 11, 2019	0.07	0.08	0.07	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 11, 2019	0.55	0.61	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 11, 2019	1.63	1.80	1.63	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 11, 2019	0.96	1.06	0.96	100.0%
18840422	490	1749	BURNETT	13127750	5	May 11, 2019	0.21	0.23	0.21	100.0%
18840422	360	133	BURNETT	13127750	5	May 11, 2019	2.00	2.21	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	May 11, 2019	0.79	0.87	0.79	100.0%
18840422	103	1289	SHARP	13126500	6	May 11, 2019	0.62	0.62	0.62	100.0%
18840422	347	938	SHARP	13126500	6	May 11, 2019	2.21	2.21	2.21	100.0%
18840430	360	67	BURNETT	13127750	5	May 11, 2019	1.60	1.77	1.60	100.0%
18840430	623	2234	BURNETT	13127750	5	May 11, 2019	0.40	0.44	0.40	100.0%
18840520	96	451	MOORE	13132050	4	May 11, 2019	0.58	0.64	0.53	90.5%
18840520	463	1300	MOORE	13132050	4	May 11, 2019	1.60	1.77	1.45	90.5%
18840520	433	271	MOORE	13132050	4	May 11, 2019	0.54	0.60	0.49	90.5%
18840520	263	394	MOORE	13132050	4	May 11, 2019	0.22	0.24	0.20	90.5%
18840520	14	2002	MOORE	13132050	4	May 11, 2019	0.02	0.02	0.02	90.5%
18840520	14	2061	MOORE	13132050	4	May 11, 2019	0.04	0.04	0.04	90.5%
18840520	645	2056	MOORE	13132050	4	May 11, 2019	0.30	0.33	0.27	90.5%
18840520	2333	657	MOORE	13132050	4	May 11, 2019	0.84	0.93	0.76	90.5%
18840520	651	1727	MOORE	13132050	4	May 11, 2019	0.02	0.02	0.02	90.5%
18840520	566	1782	MOORE	13132050	4	May 11, 2019	0.78	0.86	0.71	90.5%
18840520	604	2054	MOORE	13132050	4	May 11, 2019	1.15	1.27	1.04	90.5%
18840531	338	122	DARLINGTON	13127735	5	May 11, 2019	0.72	0.80	0.72	100.0%
18840601	96	453	MOORE	13132050	4	May 11, 2019	0.21	0.23	0.19	90.5%
18840601	263	395	MOORE	13132050	4	May 11, 2019	0.08	0.09	0.07	90.5%
18840601	360	693	BURNETT	13127750	5	May 11, 2019	0.80	0.88	0.80	100.0%
18840601	623	2182	BURNETT	13127750	5	May 11, 2019	0.40	0.44	0.40	100.0%
18840601	623	2181	BURNETT	13127750	5	May 11, 2019	0.27	0.29	0.27	100.0%
18840601	623	2134	BURNETT	13127750	5	May 11, 2019	0.20	0.22	0.20	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 11, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 11, 2019	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	May 11, 2019	1.20	1.33	1.09	90.5%
18840715	44	1005	MOORE	13132050	4	May 11, 2019	0.80	0.88	0.72	90.5%
18840715	459	798	MOORE	13132050	4	May 11, 2019	0.80	0.88	0.72	90.5%
18840715	133	324	MOORE	13132050	4	May 11, 2019	0.66	0.73	0.60	90.5%
18840715	459	1195	MOORE	13132050	4	May 11, 2019	1.20	1.33	1.09	90.5%
18840731	44	1131	MOORE	13132050	4	May 11, 2019	0.64	0.71	0.58	90.5%
18840831	638	772	UPPER EASTSIDE &	13132101	4	May 11, 2019	0.40	0.44	0.36	90.5%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	May 11, 2019	0.44	0.49	0.40	90.5%
18840901	441	1107	MOORE	13132050	4	May 11, 2019	3.20	3.53	2.90	90.5%
18840914	360	68	BURNETT	13127750	5	May 11, 2019	0.80	0.88	0.80	100.0%
18840914	623	2135	BURNETT	13127750	5	May 11, 2019	0.40	0.44	0.40	100.0%
18841012	205	2067	BECK	13130525	4	May 11, 2019	1.76	1.94	1.59	90.5%

18841012	433	1081	MOORE	13132050	4	May 11, 2019	0.82	0.91	0.74	90.5%
18841012	459	342	MOORE	13132050	4	May 11, 2019	0.11	0.12	0.10	90.5%
18841012	70	341	MOORE	13132050	4	May 11, 2019	0.31	0.34	0.28	90.5%
18841012	317	1485	SWAUGER	13127600	5	May 11, 2019	0.81	0.89	0.81	100.0%
18841012	317	385	SWAUGER	13127600	5	May 11, 2019	0.74	0.82	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 11, 2019	3.30	3.65	3.30	100.0%
18841012	347	1974	SWAUGER	13127600	5	May 11, 2019	0.47	0.52	0.47	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 11, 2019	2.77	3.06	2.77	100.0%
18841012	347	1974	SHARP	13126500	6	May 11, 2019	0.59	0.59	0.59	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 11, 2019	0.79	0.87	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 11, 2019	1.65	1.82	1.65	100.0%
18850501	423	186	ARCO	13132365	2	May 11, 2019	0.26	0.55	0.26	100.0%
18850501	426	887	ARCO	13132365	2	May 11, 2019	0.64	1.36	0.64	100.0%
18850501	423	87	ARCO	13132365	2	May 11, 2019	0.20	0.43	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	May 11, 2019	0.24	0.27	0.22	90.5%
18850501	130	1285	NEILSEN	13120805	9	May 11, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	May 11, 2019	0.20	0.22	0.18	90.5%
18850530	484	1672	BURNETT	13127750	5	May 11, 2019	1.37	1.51	1.37	100.0%
18850530	484	1833	BURNETT	13127750	5	May 11, 2019	0.19	0.21	0.19	100.0%
18850530	484	1718	BURNETT	13127750	5	May 11, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	May 11, 2019	0.11	0.12	0.11	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	May 11, 2019	2.74	3.03	2.48	90.5%
18850531	411	827	DARLINGTON	13127735	5	May 11, 2019	3.20	3.53	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	May 11, 2019	2.00	2.21	2.00	100.0%
18850601	205	2064	BECK	13130525	4	May 11, 2019	0.59	0.65	0.53	90.5%
18850601	396	1965	DARLINGTON	13127735	5	May 11, 2019	0.40	0.44	0.40	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 11, 2019	0.28	0.28	0.28	100.0%
18851002	356	82	ARCO	13132365	2	May 11, 2019	3.20	6.80	3.20	100.0%
18851002	356	42	ARCO	13132365	2	May 11, 2019	4.50	9.57	4.50	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 11, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	May 11, 2019	1.20	1.33	1.09	90.5%
18860501	417	1050	MOORE	13132050	4	May 11, 2019	2.80	3.09	2.53	90.5%
18860501	325	101	LOWER EASTSIDE &	13132291	4	May 11, 2019	3.86	4.26	2.93	75.8%
18860512	263	398	MOORE	13132050	4	May 11, 2019	0.18	0.20	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	May 11, 2019	0.01	0.01	0.01	100.0%
18860512	96	459	MOORE	13132050	4	May 11, 2019	0.48	0.53	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	May 11, 2019	1.07	1.18	1.07	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	May 11, 2019	1.60	1.77	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	May 11, 2019	1.24	1.37	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	May 11, 2019	1.60	1.77	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	May 11, 2019	0.04	0.04	0.04	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 11, 2019	0.80	0.88	0.80	100.0%
18860717	381	1762	DARLINGTON	13127735	5	May 11, 2019	0.15	0.17	0.15	100.0%
18860721	484	1673	BURNETT	13127750	5	May 11, 2019	1.10	1.22	1.10	100.0%
18860914	490	1795	BURNETT	13127750	5	May 11, 2019	1.26	1.39	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	May 11, 2019	0.34	0.38	0.34	100.0%
18870313	70	337	MOORE	13132050	4	May 11, 2019	0.23	0.25	0.23	100.0%
18870313	360	681	BURNETT	13127750	5	May 11, 2019	0.80	0.88	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 11, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 11, 2019	0.80	0.80	0.80	100.0%
18870601	423	1028	ARCO	13132365	2	May 11, 2019	1.12	2.38	1.12	100.0%
18870601	423	76	ARCO	13132365	2	May 11, 2019	0.22	0.47	0.22	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	May 11, 2019	3.20	3.53	3.20	100.0%
18870601	490	1783	BURNETT	13127750	5	May 11, 2019	0.95	1.05	0.95	100.0%
18870601	490	1747	BURNETT	13127750	5	May 11, 2019	0.25	0.28	0.25	100.0%
18870630	236	1428	BECK	13130525	4	May 11, 2019	0.74	0.82	0.74	100.0%
18870630	490	1395	BURNETT	13127750	5	May 11, 2019	0.80	0.88	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 11, 2019	0.80	0.88	0.80	100.0%
18870801	623	2203	BURNETT	13127750	5	May 11, 2019	0.53	0.59	0.53	100.0%
18870831	623	2201	BURNETT	13127750	5	May 11, 2019	1.20	1.33	1.20	100.0%
18880601	347	1973	SWAUGER	13127600	5	May 11, 2019	0.72	0.79	0.72	100.0%
18880601	347	1973	SHARP	13126500	6	May 11, 2019	0.89	0.89	0.89	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 11, 2019	3.20	3.20	3.20	100.0%
18880630	490	1826	BURNETT	13127750	5	May 11, 2019	0.24	0.27	0.24	100.0%

18880630	490	1750	BURNETT	13127750	5	May 11, 2019	0.06	0.07	0.06	100.0%
18880801	442	750	MUNSEY	13132375	2	May 11, 2019	0.40	0.85	0.40	100.0%
18890601	441	205	MOORE	13132050	4	May 11, 2019	0.97	1.07	0.97	100.0%
18890601	463	1396	MOORE	13132050	4	May 11, 2019	0.20	0.22	0.20	100.0%
18890601	623	2174	BURNETT	13127750	5	May 11, 2019	0.80	0.88	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	May 11, 2019	1.20	1.33	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	May 11, 2019	0.84	0.93	0.84	100.0%
18890601	490	1786	BURNETT	13127750	5	May 11, 2019	0.23	0.25	0.23	100.0%
18890601	490	1748	BURNETT	13127750	5	May 11, 2019	0.25	0.28	0.25	100.0%
18900601	426	756	ARCO	13132365	2	May 11, 2019	0.57	1.21	0.57	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 11, 2019	3.00	3.00	3.00	100.0%
18910630	205	2065	BECK	13130525	4	May 11, 2019	0.51	0.56	0.51	100.0%
18910801	307	77	CHILLY	13121105	9	May 11, 2019	5.00	5.00	5.00	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	May 11, 2019	0.16	0.18	0.16	100.0%
18930201	417	380	MOORE	13132050	4	May 11, 2019	0.22	0.24	0.22	100.0%
18930201	463	1423	MOORE	13132050	4	May 11, 2019	0.30	0.33	0.30	100.0%
18940310	265	2217	BURNETT	13127750	5	May 11, 2019	2.80	3.09	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	May 11, 2019	3.96	4.37	3.96	100.0%
18940310	475	989	BURNETT	13127750	5	May 11, 2019	0.44	0.49	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	May 11, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 11, 2019	2.00	2.00	2.00	100.0%
18940521	463	933	MOORE	13132050	4	May 11, 2019	0.06	0.07	0.06	100.0%
18940601	223	1363	MUNSEY	13132375	2	May 11, 2019	3.20	6.80	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 11, 2019	0.15	0.17	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	May 11, 2019	2.12	2.34	2.12	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 11, 2019	0.11	0.12	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	May 11, 2019	1.60	1.77	1.60	100.0%
18950501	307	619	NEILSEN	13120805	9	May 11, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 11, 2019	0.10	0.11	0.10	100.0%
18950601	445	410	NEILSEN	13120805	9	May 11, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 11, 2019	0.02	0.02	0.02	100.0%
18950630	265	2218	BURNETT	13127750	5	May 11, 2019	2.62	2.89	2.62	100.0%
18960601	96	457	MOORE	13132050	4	May 11, 2019	0.79	0.87	0.79	100.0%
18960601	604	1711	MOORE	13132050	4	May 11, 2019	0.09	0.10	0.09	100.0%
18960601	441	207	MOORE	13132050	4	May 11, 2019	1.00	1.10	1.00	100.0%
18960601	651	1730	MOORE	13132050	4	May 11, 2019	0.03	0.03	0.03	100.0%
18960601	2334	1495	MOORE	13132050	4	May 11, 2019	2.40	2.65	2.40	100.0%
18960601	263	397	MOORE	13132050	4	May 11, 2019	0.35	0.39	0.35	100.0%
18960601	332	1112	MOORE	13132050	4	May 11, 2019	0.08	0.09	0.08	100.0%
18960601	263	399	MOORE	13132050	4	May 11, 2019	0.27	0.30	0.27	100.0%
18960601	651	1732	MOORE	13132050	4	May 11, 2019	0.02	0.02	0.02	100.0%
18960601	417	381	MOORE	13132050	4	May 11, 2019	0.67	0.74	0.67	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	May 11, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 11, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 11, 2019	2.00	4.25	2.00	100.0%
18960928	15	80	MUNSEY	13132375	2	May 11, 2019	2.32	4.93	2.32	100.0%
18960928	150	216	MUNSEY	13132375	2	May 11, 2019	0.03	0.06	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	May 11, 2019	1.97	4.19	1.97	100.0%
18960928	442	2158	MUNSEY	13132375	2	May 11, 2019	3.72	7.91	3.72	100.0%
18970510	411	673	DARLINGTON	13127735	5	May 11, 2019	3.44	3.80	3.44	100.0%
18970510	411	674	DARLINGTON	13127735	5	May 11, 2019	2.80	3.09	2.80	100.0%
18970515	604	1877	MOORE	13132050	4	May 11, 2019	0.98	1.08	0.98	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 11, 2019	2.00	2.00	2.00	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	May 11, 2019	0.65	0.72	0.65	100.0%
18980901	356	818	ARCO	13132365	2	May 11, 2019	0.30	0.64	0.30	100.0%
18990327	14	2062	MOORE	13132050	4	May 11, 2019	0.01	0.01	0.01	100.0%
18990327	566	1830	MOORE	13132050	4	May 11, 2019	0.21	0.23	0.21	100.0%
18990327	645	2058	MOORE	13132050	4	May 11, 2019	0.08	0.09	0.08	100.0%
18990601	140	2071	MOORE	13132050	4	May 11, 2019	0.03	0.03	0.03	100.0%
18990601	360	704	BURNETT	13127750	5	May 11, 2019	1.20	1.33	1.20	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 11, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 11, 2019	2.74	2.74	2.74	100.0%
19001101	310	833	CHILLY	13121105	9	May 11, 2019	5.00	5.00	5.00	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	May 11, 2019	0.20	0.22	0.20	100.0%

19010901	70	339	MOORE	13132050	4	May 11, 2019	0.12	0.13	0.12	100.0%
19011001	263	396	MOORE	13132050	4	May 11, 2019	0.14	0.15	0.14	100.0%
19011001	651	1729	MOORE	13132050	4	May 11, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	May 11, 2019	1.31	2.78	1.31	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	May 11, 2019	0.20	0.22	0.20	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	May 11, 2019	0.20	0.22	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 11, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 11, 2019	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	May 11, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	May 11, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 11, 2019	3.40	3.40	3.40	100.0%
19020304	129	2186	CHILLY	13121105	9	May 11, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 11, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	May 11, 2019	2.00	2.00	2.00	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 11, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	May 11, 2019	2.00	2.00	2.00	100.0%
19030224	364	953	CHILLY	13121105	9	May 11, 2019	1.60	1.60	1.60	100.0%
19040601	338	580	DARLINGTON	13127735	5	May 11, 2019	0.55	0.61	0.55	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 11, 2019	1.40	1.40	1.40	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 11, 2019	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 11, 2019	0.82	0.82	0.82	100.0%
19050501	154	2152	NEILSEN	13120805	9	May 11, 2019	0.10	0.10	0.10	100.0%
19050501	403	811	NEILSEN	13120805	9	May 11, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 11, 2019	0.40	0.40	0.40	100.0%
19050501	130	74	NEILSEN	13120805	9	May 11, 2019	1.30	1.30	1.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 11, 2019	0.65	0.65	0.65	100.0%
19050501	364	629	CHILLY	13121105	9	May 11, 2019	0.20	0.20	0.20	100.0%
19050501	129	2187	CHILLY	13121105	9	May 11, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	May 11, 2019	0.40	0.40	0.40	100.0%
19080709	475	1098	BURNETT	13127750	5	May 11, 2019	2.00	2.21	2.00	100.0%
19081207	70	343	MOORE	13132050	4	May 11, 2019	0.17	0.19	0.17	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 11, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 11, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 11, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 11, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 11, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	May 11, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 11, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	May 11, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	May 11, 2019	4.20	4.20	4.20	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 11, 2019	2.00	2.00	2.00	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	May 11, 2019	0.13	0.14	0.13	100.0%
19140601	445	412	NEILSEN	13120805	9	May 11, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	May 11, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	May 11, 2019	0.02	0.02	0.02	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 11, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	May 11, 2019	0.31	0.31	0.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 11, 2019	1.30	1.30	1.30	100.0%
19170620	307	71	NEILSEN	13120805	9	May 11, 2019	4.96	4.96	4.96	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 11, 2019	0.02	0.02	0.02	100.0%
19200601	150	217	MUNSEY	13132375	2	May 11, 2019	0.79	1.68	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	May 11, 2019	0.01	0.02	0.01	100.0%
19740402	150	220	MUNSEY	13132375	2	May 11, 2019	0.02	0.04	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 11, 2019	4.40	9.35	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 11, 2019	4.24	9.01	4.24	100.0%
19770529	327	176	MUNSEY	13132375	2	May 11, 2019	0.12	0.26	0.12	100.0%
19810501	566	1684	MOORE	13132050	4	May 11, 2019	0.82	0.90	0.82	100.0%
19950203	476	1272	MOORE	13132050	4	May 11, 2019	68.86	76.07	68.86	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 11, 2019	9969.40	9969.40	54.25	0.5%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 12, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		May 12	563.0	0.0	0.0	563.0	0.00	563.0	0.0	0.0	0.0	563.0	0.0	0.0
9	Howell to Chilly		May 12	382.0	77.0	0.0	-104.0	0.18	459.0	73.9	3.1	0.0	385.1	-3.1	0.0
8	Chilly to Reservoir	*	May 12	345.3	28.2	0.0	-8.5	0.02	450.5	27.4	0.8	0.0	349.2	-3.9	0.0
	Disconnected														
7	Mackay Reservoir	*	May 12	368.4	0.0	0.0	345.3	0.00	345.3	130.0		0.0	215.3	153.1	0.0
6	Reservoir to 2B		May 12	364.0	4.4	0.0	0.0	0.00	345.3	4.2	0.2	0.0	211.1	152.9	0.0
5	2B to Leslie		May 12	229.0	97.6	0.0	-37.4	0.10	345.3	73.1	24.5	0.0	116.2	112.8	0.0
4	Leslie to Moore		May 12	108.0	160.0	0.0	39.0	0.00	384.3	98.6	61.4	0.0	56.6	51.4	0.0
2	Moore to blw Munsey		May 12	8.0	34.6	0.0	-65.4	0.61	384.3	22.3	12.3	0.0	0.0	8.0	0.0
1	Blw Munsey to Arco		May 12	11.7	0.0	0.0	3.7	0.00	388.0	0.0	0.0	0.0	3.7	8.0	0.0
									TOTAL	429.6	102.3	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 12	0.0	0.0		20180101	1%
9	Howell to Chilly	May 12	0.0	0.0		20180101	1%
8	Chilly to Reservoir	May 12	0.0	0.0		20180101	1%
	Disconnected						
7	Mackay Reservoir	May 12	0.0	0.0		20180101	1%
6	Reservoir to 2B	May 12	0.0	0.0		20180101	1%
5	2B to Leslie	May 12	21.7	15.7		20180101	1%
4	Leslie to Moore	May 12	0.0	0.0		20180101	1%
2	Moore to blw Munsey	May 12	34.3	31.1		20180101	1%
1	Blw Munsey to Arco	May 12	0.0	0.0		20180101	1%
	TOTAL		56.0	46.8	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	76.2
2	18810630	1.7	294.0	40.5
3	18880601	3.2	556.5	76.2
4	18960601	6.4	1113.0	152.3
5	19020301	0.8	140.0	19.0
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	3089.9
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	47305.1

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28290.0	28230.0	-60.0	-30.2	7.1

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	3454.1
Total Storage Loss	-1812.0
Total Storage Deliver	-2101.7
Total Evaporation	-180.7
Accounting Balance	28229.7
Current Res Content	28230.0
Storage Balance Error	-0.3

DAILY STORAGE BALANCE

```
 28290.0 Reservoir Content Previous Day [ac-ft]
 28230.0 Reservoir Content Current Day [ac-ft]
   -60.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------------
           257.8 Storage Allocated to Mackay Reservoir [ac-ft]

          -108.7 Stored Flow Losses [ac-ft]
               -15.7 2B to Leslie [cfs]
                 0.0 Leslie to Moore [cfs]
               -31.1 Moore blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
                -8.0 Past Arco Gage [cfs]

          -195.1 Storage Delivered [ac-ft]
                 --- Above Reservoir [cfs]
                 0.2 Reservoir to 2B [cfs]
                24.5 2B to Leslie [cfs]
                61.4 Leslie to Moore [cfs]
                12.3 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

           -14.1 Evaporation [ac-ft]

   -60.1 Accounting Change in Storage [ac-ft]
-------------------------------------------------------------
    -0.1 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   345.3 Gain in/above Mackay Reservoir [cfs]
     0.0 Gain in Reach 5: 2-B to Leslie [cfs]
    39.0 Gain in Reach 4: Leslie to Moore [cfs]
     0.0 Gain in Reach 2: Moore to Munsey [cfs]
     3.7 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------------
   388.0 Total Available Natural Flow [cfs]
-------------------------------------------------------------
           130.0 Reservoir Rights Diverted [cfs]

            59.7 Natural Flow Losses below Reservoir [cfs]
                21.7 2B to Leslie [cfs]
                 0.0 Leslie to Moore [cfs]
                34.3 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
                 3.7 Natural Flow Past Arco Gage [cfs]

           198.2 Natural Flow Delivered [cfs]
                 --- Above Reservoir Storage Use [cfs]
                 4.2 Reservoir to 2B [cfs]
                73.1 2B to Leslie [cfs]
                98.6 Leslie to Moore [cfs]
                22.3 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

   387.9 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------------
     0.1 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	9.0	450
Eastside Felton Wier +	24.0	1200
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	33.0	1650
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.1	205
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.4	168
Island Wanstrom David +	0.0	0
Eastside OUT	14.0	700
Total Out	21.5	1073
Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.65	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 65.0%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 14.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 21.5 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 73.4%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 29.3 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 34.7 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 61.9%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 47.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 12, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	0.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	4.4	0.2	1.0
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	15.4	4.6	18.2
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	35.2	7.5	131.6
9	NEILSEN	44.0	3.1	43.6	8	Smith Pumps	3.0	0.0	0.0	5	BURNETT	47.0	12.4	281.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	33.0	0.0	0.0	8	Broken River Pum	4.0	0.0	0.0	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	12.5	6.0	24.5
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	19.0	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	0.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	4.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	112.8	45.0	821.1
8	Mtn. Springs 1	0.0	0.0	0.0	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	34.7	15.0	1003.8
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	19.5	7.5	71.9
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	1.0	0.0	0.0	2	MUNSEY	15.1	4.8	58.7
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	0.0	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	0.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 12, 2019	5.00	5.00	5.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 12, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 12, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 12, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 12, 2019	1.70	1.70	1.70	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 12, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 12, 2019	3.00	3.00	3.00	100.0%
18830601	645	2057	MOORE	13132050	4	May 12, 2019	0.09	0.10	0.08	89.7%
18830601	566	1778	MOORE	13132050	4	May 12, 2019	0.27	0.30	0.24	89.7%
18830810	263	393	MOORE	13132050	4	May 12, 2019	0.18	0.20	0.16	89.7%
18830810	96	449	MOORE	13132050	4	May 12, 2019	0.48	0.53	0.43	89.7%
18830810	85	1583	MOORE	13132050	4	May 12, 2019	0.18	0.20	0.16	89.7%
18830810	2332	1088	MOORE	13132050	4	May 12, 2019	1.50	1.67	1.35	89.7%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	May 12, 2019	0.43	0.48	0.39	89.7%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	May 12, 2019	0.21	0.24	0.19	89.7%
18840422	236	30	BECK	13130525	4	May 12, 2019	1.64	1.83	1.47	89.7%
18840422	433	1427	MOORE	13132050	4	May 12, 2019	0.14	0.16	0.13	89.7%
18840422	317	1533	SWAUGER	13127600	5	May 12, 2019	0.07	0.08	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	May 12, 2019	1.83	2.04	1.83	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 12, 2019	0.96	1.07	0.96	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 12, 2019	1.63	1.82	1.63	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 12, 2019	0.20	0.22	0.20	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 12, 2019	0.55	0.61	0.55	100.0%
18840422	490	1749	BURNETT	13127750	5	May 12, 2019	0.21	0.23	0.21	100.0%
18840422	360	133	BURNETT	13127750	5	May 12, 2019	2.00	2.23	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	May 12, 2019	0.79	0.88	0.79	100.0%
18840422	103	1289	SHARP	13126500	6	May 12, 2019	0.60	0.60	0.60	100.0%
18840422	347	938	SHARP	13126500	6	May 12, 2019	2.17	2.17	2.17	100.0%
18840430	623	2234	BURNETT	13127750	5	May 12, 2019	0.40	0.45	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	May 12, 2019	1.60	1.78	1.60	100.0%
18840520	604	2054	MOORE	13132050	4	May 12, 2019	1.15	1.28	1.03	89.7%
18840520	85	1584	MOORE	13132050	4	May 12, 2019	0.08	0.09	0.07	89.7%
18840520	96	451	MOORE	13132050	4	May 12, 2019	0.58	0.65	0.52	89.7%
18840520	2333	657	MOORE	13132050	4	May 12, 2019	0.98	1.09	0.88	89.7%
18840520	645	2056	MOORE	13132050	4	May 12, 2019	0.30	0.33	0.27	89.7%
18840520	14	2002	MOORE	13132050	4	May 12, 2019	0.02	0.02	0.02	89.7%
18840520	566	1782	MOORE	13132050	4	May 12, 2019	0.78	0.87	0.70	89.7%
18840520	14	2061	MOORE	13132050	4	May 12, 2019	0.04	0.04	0.04	89.7%
18840520	263	394	MOORE	13132050	4	May 12, 2019	0.22	0.25	0.20	89.7%
18840520	2332	753	MOORE	13132050	4	May 12, 2019	0.42	0.47	0.38	89.7%
18840520	651	1727	MOORE	13132050	4	May 12, 2019	0.02	0.02	0.02	89.7%
18840520	433	271	MOORE	13132050	4	May 12, 2019	0.54	0.60	0.48	89.7%
18840520	463	1300	MOORE	13132050	4	May 12, 2019	1.60	1.78	1.44	89.7%
18840520	2332	752	MOORE	13132050	4	May 12, 2019	0.36	0.40	0.32	89.7%
18840531	338	122	DARLINGTON	13127735	5	May 12, 2019	0.72	0.80	0.72	100.0%
18840601	359	1012	MOORE	13132050	4	May 12, 2019	1.28	1.43	1.15	89.7%
18840601	96	453	MOORE	13132050	4	May 12, 2019	0.21	0.23	0.19	89.7%
18840601	263	395	MOORE	13132050	4	May 12, 2019	0.08	0.09	0.07	89.7%
18840601	623	2134	BURNETT	13127750	5	May 12, 2019	0.20	0.22	0.20	100.0%
18840601	623	2182	BURNETT	13127750	5	May 12, 2019	0.40	0.45	0.40	100.0%
18840601	623	2181	BURNETT	13127750	5	May 12, 2019	0.27	0.30	0.27	100.0%
18840601	360	693	BURNETT	13127750	5	May 12, 2019	0.80	0.89	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 12, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 12, 2019	0.40	0.40	0.40	100.0%
18840715	115	323	MOORE	13132050	4	May 12, 2019	0.80	0.89	0.72	89.7%
18840715	459	798	MOORE	13132050	4	May 12, 2019	0.80	0.89	0.72	89.7%
18840715	133	324	MOORE	13132050	4	May 12, 2019	0.76	0.85	0.68	89.7%
18840715	12	1296	MOORE	13132050	4	May 12, 2019	0.80	0.89	0.72	89.7%
18840715	44	1005	MOORE	13132050	4	May 12, 2019	0.80	0.89	0.72	89.7%

18840715	417	1194	MOORE	13132050	4	May 12, 2019	1.20	1.34	1.08	89.7%
18840715	459	1195	MOORE	13132050	4	May 12, 2019	1.20	1.34	1.08	89.7%
18840731	44	1132	MOORE	13132050	4	May 12, 2019	0.80	0.89	0.72	89.7%
18840731	44	1131	MOORE	13132050	4	May 12, 2019	0.80	0.89	0.72	89.7%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	May 12, 2019	0.44	0.49	0.39	89.7%
18840831	638	772	UPPER EASTSIDE &	13132101	4	May 12, 2019	0.40	0.45	0.36	89.7%
18840901	441	1107	MOORE	13132050	4	May 12, 2019	3.20	3.57	2.87	89.7%
18840914	360	68	BURNETT	13127750	5	May 12, 2019	0.80	0.89	0.80	100.0%
18840914	623	2135	BURNETT	13127750	5	May 12, 2019	0.40	0.45	0.40	100.0%
18841012	205	2067	BECK	13130525	4	May 12, 2019	1.76	1.96	1.58	89.7%
18841012	433	1081	MOORE	13132050	4	May 12, 2019	1.25	1.39	1.12	89.7%
18841012	459	1079	MOORE	13132050	4	May 12, 2019	0.89	0.99	0.80	89.7%
18841012	459	342	MOORE	13132050	4	May 12, 2019	0.58	0.65	0.52	89.7%
18841012	70	341	MOORE	13132050	4	May 12, 2019	0.31	0.35	0.28	89.7%
18841012	314	1444	SWAUGER	13127600	5	May 12, 2019	3.30	3.68	3.30	100.0%
18841012	317	385	SWAUGER	13127600	5	May 12, 2019	0.74	0.82	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 12, 2019	2.77	3.09	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 12, 2019	0.81	0.90	0.81	100.0%
18841012	347	1974	SWAUGER	13127600	5	May 12, 2019	0.49	0.54	0.49	100.0%
18841012	347	1974	SHARP	13126500	6	May 12, 2019	0.58	0.58	0.58	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 12, 2019	0.22	0.25	0.22	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 12, 2019	1.65	1.84	1.65	100.0%
18850501	423	87	ARCO	13132365	2	May 12, 2019	0.20	0.57	0.20	100.0%
18850501	423	186	ARCO	13132365	2	May 12, 2019	0.26	0.73	0.26	100.0%
18850501	426	887	ARCO	13132365	2	May 12, 2019	0.64	1.81	0.64	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	May 12, 2019	0.24	0.27	0.22	89.7%
18850501	130	1285	NEILSEN	13120805	9	May 12, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	May 12, 2019	0.20	0.22	0.18	89.7%
18850515	359	1034	MOORE	13132050	4	May 12, 2019	2.34	2.61	2.10	89.7%
18850530	484	1672	BURNETT	13127750	5	May 12, 2019	1.37	1.53	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	May 12, 2019	0.11	0.12	0.11	100.0%
18850530	484	1833	BURNETT	13127750	5	May 12, 2019	0.19	0.21	0.19	100.0%
18850530	484	1718	BURNETT	13127750	5	May 12, 2019	0.01	0.01	0.01	100.0%
18850531	413	1353	MOORE	13132050	4	May 12, 2019	0.04	0.05	0.04	89.7%
18850531	63	1354	MOORE	13132050	4	May 12, 2019	1.56	1.73	1.40	89.7%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	May 12, 2019	2.74	3.05	2.46	89.7%
18850531	338	2000	DARLINGTON	13127735	5	May 12, 2019	2.00	2.23	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 12, 2019	3.20	3.57	3.20	100.0%
18850601	205	2064	BECK	13130525	4	May 12, 2019	0.59	0.66	0.53	89.7%
18850601	139	728	DARLINGTON	13127735	5	May 12, 2019	2.60	2.90	2.60	100.0%
18850601	396	1965	DARLINGTON	13127735	5	May 12, 2019	0.40	0.45	0.40	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 12, 2019	0.28	0.28	0.28	100.0%
18851002	356	42	ARCO	13132365	2	May 12, 2019	4.50	12.72	4.50	100.0%
18851002	356	82	ARCO	13132365	2	May 12, 2019	3.20	9.04	3.20	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 12, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	May 12, 2019	1.20	1.34	0.52	42.9%
18860501	417	1050	MOORE	13132050	4	May 12, 2019	2.80	3.12	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	May 12, 2019	3.86	4.30	3.86	100.0%
18860512	263	398	MOORE	13132050	4	May 12, 2019	0.18	0.20	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	May 12, 2019	0.01	0.01	0.01	100.0%
18860512	96	459	MOORE	13132050	4	May 12, 2019	0.48	0.53	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	May 12, 2019	1.07	1.19	1.07	100.0%
18860601	16	1009	MOORE	13132050	4	May 12, 2019	2.52	2.81	2.52	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	May 12, 2019	1.24	1.38	1.24	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	May 12, 2019	1.60	1.78	1.60	100.0%
18860601	357	1288	BURNETT	13127750	5	May 12, 2019	1.60	1.78	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	May 12, 2019	0.04	0.04	0.04	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 12, 2019	0.80	0.89	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	May 12, 2019	0.50	0.56	0.50	100.0%
18860721	260	1668	BURNETT	13127750	5	May 12, 2019	2.18	2.43	2.18	100.0%
18860914	490	1753	BURNETT	13127750	5	May 12, 2019	0.34	0.38	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	May 12, 2019	1.26	1.40	1.26	100.0%
18870313	433	683	MOORE	13132050	4	May 12, 2019	0.70	0.78	0.70	100.0%
18870313	459	682	MOORE	13132050	4	May 12, 2019	0.65	0.72	0.65	100.0%

18870313	70	337	MOORE	13132050	4	May 12, 2019	0.23	0.26	0.23	100.0%
18870313	459	338	MOORE	13132050	4	May 12, 2019	0.42	0.47	0.42	100.0%
18870313	360	681	BURNETT	13127750	5	May 12, 2019	0.80	0.89	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 12, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 12, 2019	0.80	0.80	0.80	100.0%
18870601	423	1028	ARCO	13132365	2	May 12, 2019	1.12	3.17	1.12	100.0%
18870601	423	76	ARCO	13132365	2	May 12, 2019	0.22	0.62	0.22	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	May 12, 2019	3.20	3.57	3.20	100.0%
18870601	490	1747	BURNETT	13127750	5	May 12, 2019	0.25	0.28	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	May 12, 2019	0.95	1.06	0.95	100.0%
18870630	236	1428	BECK	13130525	4	May 12, 2019	0.80	0.89	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 12, 2019	0.80	0.89	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	May 12, 2019	0.42	0.47	0.42	100.0%
18870801	623	2203	BURNETT	13127750	5	May 12, 2019	0.53	0.59	0.53	100.0%
18870831	623	2201	BURNETT	13127750	5	May 12, 2019	1.20	1.34	1.20	100.0%
18880601	347	1973	SWAUGER	13127600	5	May 12, 2019	0.73	0.81	0.73	100.0%
18880601	347	1973	SHARP	13126500	6	May 12, 2019	0.87	0.87	0.87	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 12, 2019	3.20	3.20	3.20	100.0%
18880630	236	1430	BECK	13130525	4	May 12, 2019	0.34	0.38	0.34	100.0%
18890601	463	1396	MOORE	13132050	4	May 12, 2019	0.20	0.22	0.20	100.0%
18890601	441	205	MOORE	13132050	4	May 12, 2019	0.97	1.08	0.97	100.0%
18890601	475	969	BURNETT	13127750	5	May 12, 2019	1.20	1.34	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	May 12, 2019	0.66	0.74	0.66	100.0%
18890601	623	2174	BURNETT	13127750	5	May 12, 2019	0.08	0.09	0.08	100.0%
18900601	426	756	ARCO	13132365	2	May 12, 2019	0.56	1.58	0.56	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 12, 2019	3.00	3.00	3.00	100.0%
18910630	205	2065	BECK	13130525	4	May 12, 2019	1.81	2.02	1.81	100.0%
18910630	44	1003	MOORE	13132050	4	May 12, 2019	0.76	0.85	0.76	100.0%
18910630	44	1253	MOORE	13132050	4	May 12, 2019	0.80	0.89	0.80	100.0%
18910630	2332	1254	MOORE	13132050	4	May 12, 2019	0.48	0.53	0.48	100.0%
18910630	2332	1255	MOORE	13132050	4	May 12, 2019	0.52	0.58	0.52	100.0%
18910801	307	77	CHILLY	13121105	9	May 12, 2019	5.00	5.00	5.00	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	May 12, 2019	0.16	0.18	0.16	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 12, 2019	1.00	1.00	1.00	100.0%
18930201	417	380	MOORE	13132050	4	May 12, 2019	0.22	0.25	0.22	100.0%
18930201	463	1423	MOORE	13132050	4	May 12, 2019	0.30	0.33	0.30	100.0%
18930201	459	1423	MOORE	13132050	4	May 12, 2019	0.30	0.33	0.30	100.0%
18940310	265	2217	BURNETT	13127750	5	May 12, 2019	2.80	3.12	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 12, 2019	0.44	0.49	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	May 12, 2019	2.74	3.05	2.74	100.0%
18940310	609	1496	CHILLY	13121105	9	May 12, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 12, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 12, 2019	0.80	0.89	0.80	100.0%
18940601	223	1363	MUNSEY	13132375	2	May 12, 2019	3.20	9.04	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 12, 2019	0.15	0.17	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	May 12, 2019	2.12	2.36	2.12	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 12, 2019	0.11	0.12	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	May 12, 2019	1.60	1.78	1.60	100.0%
18950501	307	619	NEILSEN	13120805	9	May 12, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 12, 2019	0.10	0.11	0.10	100.0%
18950601	445	410	NEILSEN	13120805	9	May 12, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 12, 2019	0.02	0.02	0.02	100.0%
18950630	265	2218	BURNETT	13127750	5	May 12, 2019	2.62	2.92	2.62	100.0%
18960601	2334	1495	MOORE	13132050	4	May 12, 2019	2.40	2.67	2.40	100.0%
18960601	459	1120	MOORE	13132050	4	May 12, 2019	0.40	0.45	0.40	100.0%
18960601	459	993	MOORE	13132050	4	May 12, 2019	0.40	0.45	0.40	100.0%
18960601	441	207	MOORE	13132050	4	May 12, 2019	1.00	1.11	1.00	100.0%
18960601	417	992	MOORE	13132050	4	May 12, 2019	1.20	1.34	1.20	100.0%
18960601	417	381	MOORE	13132050	4	May 12, 2019	2.40	2.67	2.40	100.0%
18960601	651	1732	MOORE	13132050	4	May 12, 2019	0.02	0.02	0.02	100.0%
18960601	651	1730	MOORE	13132050	4	May 12, 2019	0.03	0.03	0.03	100.0%
18960601	96	457	MOORE	13132050	4	May 12, 2019	0.92	1.03	0.92	100.0%
18960601	96	461	MOORE	13132050	4	May 12, 2019	0.73	0.81	0.73	100.0%
18960601	463	128	MOORE	13132050	4	May 12, 2019	1.60	1.78	1.60	100.0%

18960601	604	1711	MOORE	13132050	4	May 12, 2019	0.09	0.10	0.09	100.0%
18960601	263	397	MOORE	13132050	4	May 12, 2019	0.35	0.39	0.35	100.0%
18960601	263	399	MOORE	13132050	4	May 12, 2019	0.27	0.30	0.27	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	May 12, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 12, 2019	6.40	6.40	6.40	100.0%
18960928	150	215	MUNSEY	13132375	2	May 12, 2019	1.97	5.57	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	May 12, 2019	0.03	0.08	0.03	100.0%
18960928	15	80	MUNSEY	13132375	2	May 12, 2019	2.32	6.56	2.32	100.0%
18970510	411	674	DARLINGTON	13127735	5	May 12, 2019	2.80	3.12	2.80	100.0%
18970510	411	673	DARLINGTON	13127735	5	May 12, 2019	3.44	3.83	3.44	100.0%
18970515	463	686	MOORE	13132050	4	May 12, 2019	1.60	1.78	1.60	100.0%
18970515	604	1877	MOORE	13132050	4	May 12, 2019	1.29	1.44	1.29	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 12, 2019	2.00	2.00	2.00	100.0%
18970630	653	1558	DARLINGTON	13127735	5	May 12, 2019	3.80	4.24	3.80	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	May 12, 2019	0.65	0.72	0.65	100.0%
18980901	268	562	ARCO	13132365	2	May 12, 2019	1.00	2.83	1.00	100.0%
18980901	356	818	ARCO	13132365	2	May 12, 2019	0.30	0.85	0.30	100.0%
18990327	14	2062	MOORE	13132050	4	May 12, 2019	0.01	0.01	0.01	100.0%
18990327	459	1477	MOORE	13132050	4	May 12, 2019	0.01	0.01	0.01	100.0%
18990327	566	1830	MOORE	13132050	4	May 12, 2019	0.21	0.23	0.21	100.0%
18990327	604	1876	MOORE	13132050	4	May 12, 2019	0.91	1.01	0.91	100.0%
18990327	604	2055	MOORE	13132050	4	May 12, 2019	0.29	0.32	0.29	100.0%
18990327	433	272	MOORE	13132050	4	May 12, 2019	0.48	0.53	0.48	100.0%
18990327	645	2058	MOORE	13132050	4	May 12, 2019	0.08	0.09	0.08	100.0%
18990601	140	2071	MOORE	13132050	4	May 12, 2019	0.03	0.03	0.03	100.0%
18990601	360	704	BURNETT	13127750	5	May 12, 2019	0.22	0.25	0.22	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 12, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 12, 2019	2.74	2.74	2.74	100.0%
19001101	310	833	CHILLY	13121105	9	May 12, 2019	5.00	5.00	5.00	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	May 12, 2019	0.20	0.22	0.20	100.0%
19010701	653	1627	DARLINGTON	13127735	5	May 12, 2019	1.60	1.78	1.60	100.0%
19010901	433	685	MOORE	13132050	4	May 12, 2019	0.50	0.56	0.50	100.0%
19010901	459	340	MOORE	13132050	4	May 12, 2019	0.23	0.26	0.23	100.0%
19010901	459	684	MOORE	13132050	4	May 12, 2019	0.35	0.39	0.35	100.0%
19010901	70	339	MOORE	13132050	4	May 12, 2019	0.12	0.13	0.12	100.0%
19011001	96	455	MOORE	13132050	4	May 12, 2019	0.37	0.41	0.37	100.0%
19011001	263	396	MOORE	13132050	4	May 12, 2019	0.14	0.16	0.14	100.0%
19011001	651	1729	MOORE	13132050	4	May 12, 2019	0.01	0.01	0.01	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	May 12, 2019	0.20	0.22	0.20	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	May 12, 2019	0.20	0.22	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 12, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 12, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	May 12, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 12, 2019	3.40	3.40	3.40	100.0%
19020301	364	952	CHILLY	13121105	9	May 12, 2019	3.20	3.20	3.20	100.0%
19020304	653	1640	DARLINGTON	13127735	5	May 12, 2019	0.60	0.67	0.60	100.0%
19020304	129	2186	CHILLY	13121105	9	May 12, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 12, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 12, 2019	2.70	3.01	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	May 12, 2019	2.00	2.00	2.00	100.0%
19020601	16	1014	MOORE	13132050	4	May 12, 2019	0.92	1.03	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 12, 2019	3.70	3.70	3.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 12, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	May 12, 2019	1.60	1.78	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	May 12, 2019	0.10	0.11	0.10	100.0%
19040601	139	1148	DARLINGTON	13127735	5	May 12, 2019	0.20	0.22	0.20	100.0%
19040601	139	731	DARLINGTON	13127735	5	May 12, 2019	0.60	0.67	0.60	100.0%
19040601	338	580	DARLINGTON	13127735	5	May 12, 2019	0.55	0.61	0.55	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 12, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 12, 2019	1.20	1.20	1.20	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 12, 2019	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	May 12, 2019	0.30	0.30	0.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 12, 2019	0.65	0.65	0.65	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 12, 2019	0.82	0.82	0.82	100.0%

19050501	358	1264	NEILSEN	13120805	9	May 12, 2019	3.00	3.00	3.00	100.0%
19050501	154	2152	NEILSEN	13120805	9	May 12, 2019	0.10	0.10	0.10	100.0%
19050501	130	74	NEILSEN	13120805	9	May 12, 2019	1.30	1.30	1.30	100.0%
19050501	373	432	CHILLY	13121105	9	May 12, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	May 12, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	May 12, 2019	0.20	0.20	0.20	100.0%
19070610	1	1433	6X Ranch Pump	13124355	8	May 12, 2019	1.37	1.37	1.37	100.0%
19080709	475	1098	BURNETT	13127750	5	May 12, 2019	1.84	2.05	1.84	100.0%
19081207	459	1080	MOORE	13132050	4	May 12, 2019	0.50	0.56	0.50	100.0%
19081207	459	344	MOORE	13132050	4	May 12, 2019	0.33	0.37	0.33	100.0%
19081207	70	343	MOORE	13132050	4	May 12, 2019	0.17	0.19	0.17	100.0%
19090830	575	890	Broken River Pum	13124050	8	May 12, 2019	1.82	1.82	1.82	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 12, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 12, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 12, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 12, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 12, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	May 12, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 12, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	May 12, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 12, 2019	2.00	2.00	2.00	100.0%
19121014	130	75	NEILSEN	13120805	9	May 12, 2019	4.20	4.20	4.20	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	May 12, 2019	0.13	0.14	0.13	100.0%
19130517	170	1416	MOORE	13132050	4	May 12, 2019	0.62	0.69	0.62	100.0%
19140601	445	413	NEILSEN	13120805	9	May 12, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	May 12, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	May 12, 2019	0.18	0.18	0.18	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 12, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	May 12, 2019	0.31	0.31	0.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 12, 2019	1.30	1.30	1.30	100.0%
19170620	307	71	NEILSEN	13120805	9	May 12, 2019	4.96	4.96	4.96	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 12, 2019	0.02	0.02	0.02	100.0%
19200601	150	217	MUNSEY	13132375	2	May 12, 2019	0.79	2.23	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	May 12, 2019	0.01	0.03	0.01	100.0%
19240806	417	695	MOORE	13132050	4	May 12, 2019	0.50	0.56	0.50	100.0%
19280501	12	165	MOORE	13132050	4	May 12, 2019	0.32	0.36	0.32	100.0%
19740402	150	220	MUNSEY	13132375	2	May 12, 2019	0.02	0.06	0.02	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 12, 2019	2.00	5.65	2.00	100.0%
19810501	566	1684	MOORE	13132050	4	May 12, 2019	0.82	0.91	0.82	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 12, 2019	9969.40	9969.40	114.69	1.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 13, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		May 13	758.0	0.0	0.0	758.0	0.00	758.0	0.0	0.0	0.0	758.0	0.0	0.0
9	Howell to Chilly		May 13	545.0	77.0	0.0	-136.0	0.18	622.0	73.9	3.1	0.0	548.1	-3.1	0.0
8	Chilly to Reservoir	*	May 13	394.7	31.2	0.0	-119.1	0.22	502.9	27.4	3.8	0.0	401.6	-6.9	0.0
	Disconnected														
7	Mackay Reservoir	*	May 13	367.4	0.0	0.0	394.7	0.00	394.7	154.1		0.0	240.6	126.8	0.0
6	Reservoir to 2B		May 13	363.0	4.4	0.0	0.0	0.00	394.7	4.4	0.0	0.0	236.2	126.8	0.0
5	2B to Leslie		May 13	229.0	113.0	0.0	-21.0	0.06	394.7	80.7	32.3	0.0	141.9	87.1	0.0
4	Leslie to Moore		May 13	124.7	176.1	0.0	71.8	0.00	466.5	131.8	44.3	0.0	81.9	42.8	0.0
2	Moore to blw Munsey		May 13	8.0	49.1	0.0	-67.6	0.54	466.5	37.5	11.6	0.0	0.0	8.0	0.0
1	Blw Munsey to Arco		May 13	12.0	0.0	0.0	4.0	0.00	470.5	0.0	0.0	0.0	4.0	8.0	0.0
								TOTAL		509.7	95.1	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 13	0.0	0.0		20180101	1%
9	Howell to Chilly	May 13	0.0	0.0		20180101	1%
8	Chilly to Reservoir	May 13	0.0	0.0		20180101	1%
	Disconnected						
7	Mackay Reservoir	May 13	0.0	0.0		20180101	1%
6	Reservoir to 2B	May 13	0.0	0.0		20180101	1%
5	2B to Leslie	May 13	13.7	7.3		20180101	1%
4	Leslie to Moore	May 13	0.0	0.0		20180101	1%
2	Moore to blw Munsey	May 13	44.4	23.2		20180101	1%
1	Blw Munsey to Arco	May 13	0.0	0.0		20180101	1%
		TOTAL	58.1	30.5	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	82.5
2	18810630	1.7	294.0	43.8
3	18880601	3.2	556.5	82.5
4	18960601	6.4	1113.0	165.0
5	19020301	0.8	140.0	20.6
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	3365.2
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	47610.7

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28230.0	28270.0	40.0	20.2	7.1

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	3759.7
Total Storage Loss	-1888.4
Total Storage Deliver	-2276.7
Total Evaporation	-194.8
Accounting Balance	28269.8
Current Res Content	28270.0
Storage Balance Error	-0.2

DAILY STORAGE BALANCE

28230.0	Reservoir Content Previous Day [ac-ft]
28270.0	Reservoir Content Current Day [ac-ft]
40.0	Physical Change in Storage [ac-ft]
305.6	Storage Allocated to Mackay Reservoir [ac-ft]
-76.4	Stored Flow Losses [ac-ft]
-7.3	2B to Leslie [cfs]
0.0	Leslie to Moore [cfs]
-23.2	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-8.0	Past Arco Gage [cfs]
-174.9	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.0	Reservoir to 2B [cfs]
32.3	2B to Leslie [cfs]
44.3	Leslie to Moore [cfs]
11.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-14.1	Evaporation [ac-ft]
40.2	Accounting Change in Storage [ac-ft]
0.2	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

394.7	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
71.8	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
4.0	Gain in Reach 1: Munsey to Arco [cfs]
470.5	Total Available Natural Flow [cfs]
154.1	Reservoir Rights Diverted [cfs]
62.1	Natural Flow Losses below Reservoir [cfs]
13.7	2B to Leslie [cfs]
0.0	Leslie to Moore [cfs]
44.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
4.0	Natural Flow Past Arco Gage [cfs]
254.4	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
4.4	Reservoir to 2B [cfs]
80.7	2B to Leslie [cfs]
131.8	Leslie to Moore [cfs]
37.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
470.6	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.0	550
Eastside Felton Wier +	26.0	1300
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	37.0	1850
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.1	205
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.4	168
Island Wanstrom David +	0.0	0
Eastside OUT	30.0	1500
Total Out	37.5	1873
Abbreviated Reach Delivery Factor Total Out Divided By Total In	1.01	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 101.2%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 30.0 cfs
Step 4 - River at Weirs	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 29.6 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 72.8%
Step 6 - River at Eastside In	River at Weirs --- Upper Reach Delivery Factor	= 40.7 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 28.3 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 73.1%
Step 9 - Eastside River Delivery Factor	River at Eastside Out --- River at Eastside In	= 73.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 13, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	0.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	4.4	0.0	1.0
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	15.4	4.5	27.0
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	35.6	6.6	144.6
9	NEILSEN	44.0	3.1	49.8	8	Smith Pumps	3.0	0.0	0.0	5	BURNETT	62.0	21.3	323.8
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	33.0	0.0	0.0	8	Broken River Pum	4.0	0.0	0.0	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	12.5	5.8	36.0
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	20.6	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	0.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	4.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	135.3	33.7	888.0
8	Mtn. Springs 1	0.0	0.0	0.0	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	28.3	9.4	1022.4
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	20.9	8.9	89.5
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	1.0	0.0	0.0	2	MUNSEY	28.2	2.7	64.0
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	0.0	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	3.0	3.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	0.0	0.0	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 13, 2019	5.00	5.00	5.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 13, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 13, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 13, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 13, 2019	1.70	1.70	1.70	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 13, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 13, 2019	3.00	3.00	3.00	100.0%
18830601	645	2057	MOORE	13132050	4	May 13, 2019	0.09	0.10	0.08	94.2%
18830601	2331	465	MOORE	13132050	4	May 13, 2019	0.79	0.84	0.74	94.2%
18830601	221	855	MOORE	13132050	4	May 13, 2019	1.56	1.66	1.47	94.2%
18830601	224	854	MOORE	13132050	4	May 13, 2019	3.20	3.40	3.01	94.2%
18830601	566	1778	MOORE	13132050	4	May 13, 2019	0.27	0.29	0.26	94.2%
18830630	331	1150	MOORE	13132050	4	May 13, 2019	1.13	1.20	1.06	94.2%
18830630	223	1192	MOORE	13132050	4	May 13, 2019	1.72	1.83	1.62	94.2%
18830810	263	393	MOORE	13132050	4	May 13, 2019	0.18	0.19	0.17	94.2%
18830810	2332	1088	MOORE	13132050	4	May 13, 2019	1.50	1.59	1.41	94.2%
18830810	85	1583	MOORE	13132050	4	May 13, 2019	0.18	0.19	0.17	94.2%
18830810	96	449	MOORE	13132050	4	May 13, 2019	0.48	0.51	0.45	94.2%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	May 13, 2019	0.43	0.46	0.41	94.2%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	May 13, 2019	0.21	0.23	0.20	94.2%
18840422	236	30	BECK	13130525	4	May 13, 2019	1.64	1.74	1.55	94.2%
18840422	433	1427	MOORE	13132050	4	May 13, 2019	0.14	0.15	0.13	94.2%
18840422	317	1533	SWAUGER	13127600	5	May 13, 2019	0.07	0.07	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	May 13, 2019	1.89	2.00	1.89	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 13, 2019	0.55	0.58	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 13, 2019	1.63	1.73	1.63	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 13, 2019	2.17	2.30	2.17	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 13, 2019	0.96	1.02	0.96	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 13, 2019	0.20	0.21	0.20	100.0%
18840422	360	133	BURNETT	13127750	5	May 13, 2019	2.00	2.12	2.00	100.0%
18840422	490	1749	BURNETT	13127750	5	May 13, 2019	0.21	0.22	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	May 13, 2019	0.79	0.84	0.79	100.0%
18840422	347	938	SHARP	13126500	6	May 13, 2019	2.11	2.11	2.11	100.0%
18840422	632	2077	SHARP	13126500	6	May 13, 2019	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	May 13, 2019	0.58	0.58	0.58	100.0%
18840430	360	67	BURNETT	13127750	5	May 13, 2019	1.60	1.70	1.60	100.0%
18840430	623	2234	BURNETT	13127750	5	May 13, 2019	0.40	0.42	0.40	100.0%
18840520	180	470	MOORE	13132050	4	May 13, 2019	0.16	0.17	0.15	94.2%
18840520	2333	657	MOORE	13132050	4	May 13, 2019	1.06	1.13	1.00	94.2%
18840520	156	2002	MOORE	13132050	4	May 13, 2019	0.38	0.40	0.36	94.2%
18840520	263	394	MOORE	13132050	4	May 13, 2019	0.22	0.23	0.21	94.2%
18840520	2332	753	MOORE	13132050	4	May 13, 2019	0.42	0.45	0.40	94.2%
18840520	2332	752	MOORE	13132050	4	May 13, 2019	0.36	0.38	0.34	94.2%
18840520	427	1	MOORE	13132050	4	May 13, 2019	1.18	1.25	1.11	94.2%
18840520	651	1727	MOORE	13132050	4	May 13, 2019	0.02	0.02	0.02	94.2%
18840520	2331	471	MOORE	13132050	4	May 13, 2019	2.14	2.27	2.02	94.2%
18840520	463	1300	MOORE	13132050	4	May 13, 2019	1.60	1.70	1.51	94.2%
18840520	2331	463	MOORE	13132050	4	May 13, 2019	2.24	2.38	2.11	94.2%
18840520	566	1782	MOORE	13132050	4	May 13, 2019	0.78	0.83	0.73	94.2%
18840520	604	2054	MOORE	13132050	4	May 13, 2019	1.15	1.22	1.08	94.2%
18840520	645	2056	MOORE	13132050	4	May 13, 2019	0.30	0.32	0.28	94.2%
18840520	2335	1886	MOORE	13132050	4	May 13, 2019	0.90	0.96	0.85	94.2%
18840520	433	271	MOORE	13132050	4	May 13, 2019	0.54	0.57	0.51	94.2%
18840520	14	2002	MOORE	13132050	4	May 13, 2019	0.02	0.02	0.02	94.2%
18840520	85	1584	MOORE	13132050	4	May 13, 2019	0.22	0.23	0.21	94.2%
18840520	14	2061	MOORE	13132050	4	May 13, 2019	0.04	0.04	0.04	94.2%
18840520	96	451	MOORE	13132050	4	May 13, 2019	0.58	0.62	0.55	94.2%
18840531	338	122	DARLINGTON	13127735	5	May 13, 2019	0.72	0.76	0.72	100.0%
18840601	263	395	MOORE	13132050	4	May 13, 2019	0.08	0.08	0.08	94.2%

18840601	96	453	MOORE	13132050	4	May 13, 2019	0.21	0.22	0.20	94.2%
18840601	359	1012	MOORE	13132050	4	May 13, 2019	1.28	1.36	1.21	94.2%
18840601	85	1585	MOORE	13132050	4	May 13, 2019	0.08	0.08	0.08	94.2%
18840601	85	1545	MOORE	13132050	4	May 13, 2019	0.54	0.57	0.51	94.2%
18840601	85	1544	MOORE	13132050	4	May 13, 2019	0.09	0.10	0.08	94.2%
18840601	623	2182	BURNETT	13127750	5	May 13, 2019	0.40	0.42	0.40	100.0%
18840601	623	2181	BURNETT	13127750	5	May 13, 2019	0.27	0.28	0.27	100.0%
18840601	360	693	BURNETT	13127750	5	May 13, 2019	0.80	0.85	0.80	100.0%
18840601	623	2134	BURNETT	13127750	5	May 13, 2019	0.20	0.21	0.20	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 13, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 13, 2019	0.80	0.80	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	May 13, 2019	0.80	0.85	0.75	94.2%
18840715	417	1194	MOORE	13132050	4	May 13, 2019	1.20	1.27	1.13	94.2%
18840715	459	1195	MOORE	13132050	4	May 13, 2019	1.20	1.27	1.13	94.2%
18840715	133	324	MOORE	13132050	4	May 13, 2019	0.78	0.83	0.73	94.2%
18840715	12	1296	MOORE	13132050	4	May 13, 2019	0.78	0.83	0.73	94.2%
18840715	459	798	MOORE	13132050	4	May 13, 2019	0.80	0.85	0.75	94.2%
18840715	115	323	MOORE	13132050	4	May 13, 2019	0.78	0.83	0.73	94.2%
18840731	44	1131	MOORE	13132050	4	May 13, 2019	0.80	0.85	0.75	94.2%
18840731	44	1132	MOORE	13132050	4	May 13, 2019	0.80	0.85	0.75	94.2%
18840731	331	1151	MOORE	13132050	4	May 13, 2019	1.60	1.70	1.51	94.2%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	May 13, 2019	0.44	0.47	0.41	94.2%
18840831	638	772	UPPER EASTSIDE &	13132101	4	May 13, 2019	0.40	0.42	0.38	94.2%
18840901	441	1107	MOORE	13132050	4	May 13, 2019	3.20	3.40	3.01	94.2%
18840914	623	2135	BURNETT	13127750	5	May 13, 2019	0.40	0.42	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	May 13, 2019	0.80	0.85	0.80	100.0%
18841012	205	2067	BECK	13130525	4	May 13, 2019	1.76	1.87	1.66	94.2%
18841012	433	1081	MOORE	13132050	4	May 13, 2019	1.25	1.33	1.18	94.2%
18841012	459	342	MOORE	13132050	4	May 13, 2019	0.58	0.62	0.55	94.2%
18841012	459	1079	MOORE	13132050	4	May 13, 2019	0.89	0.94	0.84	94.2%
18841012	70	341	MOORE	13132050	4	May 13, 2019	0.31	0.33	0.29	94.2%
18841012	347	1974	SWAUGER	13127600	5	May 13, 2019	0.50	0.53	0.50	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 13, 2019	0.81	0.86	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 13, 2019	2.77	2.94	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	May 13, 2019	0.74	0.79	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 13, 2019	3.30	3.50	3.30	100.0%
18841012	347	1974	SHARP	13126500	6	May 13, 2019	0.56	0.56	0.56	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 13, 2019	1.65	1.75	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 13, 2019	0.61	0.65	0.61	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 13, 2019	0.26	0.28	0.26	100.0%
18850501	426	887	ARCO	13132365	2	May 13, 2019	0.64	1.48	0.64	100.0%
18850501	423	186	ARCO	13132365	2	May 13, 2019	0.26	0.60	0.26	100.0%
18850501	423	87	ARCO	13132365	2	May 13, 2019	0.20	0.46	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	May 13, 2019	0.24	0.25	0.23	94.2%
18850501	130	1285	NEILSEN	13120805	9	May 13, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	May 13, 2019	0.20	0.21	0.19	94.2%
18850515	359	1034	MOORE	13132050	4	May 13, 2019	2.32	2.46	2.19	94.2%
18850530	484	1713	BURNETT	13127750	5	May 13, 2019	0.11	0.12	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	May 13, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	May 13, 2019	0.19	0.20	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	May 13, 2019	1.37	1.45	1.37	100.0%
18850531	63	1354	MOORE	13132050	4	May 13, 2019	1.56	1.65	1.47	94.2%
18850531	413	1353	MOORE	13132050	4	May 13, 2019	0.04	0.05	0.04	94.2%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	May 13, 2019	2.74	2.91	2.58	94.2%
18850531	338	2000	DARLINGTON	13127735	5	May 13, 2019	2.00	2.12	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 13, 2019	3.20	3.40	3.20	100.0%
18850601	205	2064	BECK	13130525	4	May 13, 2019	0.59	0.63	0.56	94.2%
18850601	396	1965	DARLINGTON	13127735	5	May 13, 2019	0.40	0.42	0.40	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 13, 2019	2.60	2.76	2.60	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 13, 2019	0.28	0.28	0.28	100.0%
18851002	356	42	ARCO	13132365	2	May 13, 2019	4.50	10.43	4.50	100.0%
18851002	356	82	ARCO	13132365	2	May 13, 2019	3.20	7.42	3.20	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 13, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	May 13, 2019	1.20	1.27	1.13	94.2%

18860501	417	1050	MOORE	13132050	4	May 13, 2019	2.80	2.97	2.64	94.2%
18860501	325	101	LOWER EASTSIDE &	13132291	4	May 13, 2019	3.86	4.10	3.64	94.2%
18860512	96	459	MOORE	13132050	4	May 13, 2019	0.48	0.51	0.45	94.2%
18860512	85	1588	MOORE	13132050	4	May 13, 2019	0.18	0.19	0.17	94.2%
18860512	263	398	MOORE	13132050	4	May 13, 2019	0.18	0.19	0.17	94.2%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	May 13, 2019	1.07	1.14	1.01	94.2%
18860601	16	1009	MOORE	13132050	4	May 13, 2019	2.52	2.67	2.37	94.2%
18860601	306	851	UPPER EASTSIDE &	13132101	4	May 13, 2019	1.60	1.70	1.51	94.2%
18860601	482	867	UPPER EASTSIDE &	13132101	4	May 13, 2019	1.24	1.32	1.17	94.2%
18860601	357	1288	BURNETT	13127750	5	May 13, 2019	1.60	1.70	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	May 13, 2019	0.04	0.04	0.04	94.2%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 13, 2019	0.80	0.85	0.38	48.1%
18860721	484	1673	BURNETT	13127750	5	May 13, 2019	1.18	1.25	1.18	100.0%
18860721	260	1668	BURNETT	13127750	5	May 13, 2019	2.86	3.04	2.86	100.0%
18860914	490	1753	BURNETT	13127750	5	May 13, 2019	0.34	0.36	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	May 13, 2019	1.26	1.34	1.26	100.0%
18870313	433	683	MOORE	13132050	4	May 13, 2019	0.70	0.74	0.70	100.0%
18870313	459	338	MOORE	13132050	4	May 13, 2019	0.42	0.45	0.42	100.0%
18870313	459	682	MOORE	13132050	4	May 13, 2019	0.65	0.69	0.65	100.0%
18870313	70	337	MOORE	13132050	4	May 13, 2019	0.23	0.24	0.23	100.0%
18870313	360	681	BURNETT	13127750	5	May 13, 2019	0.80	0.85	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 13, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 13, 2019	0.80	0.80	0.80	100.0%
18870601	423	76	ARCO	13132365	2	May 13, 2019	0.22	0.51	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	May 13, 2019	1.12	2.60	1.12	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	May 13, 2019	3.20	3.40	3.20	100.0%
18870601	252	353	DARLINGTON	13127735	5	May 13, 2019	0.43	0.46	0.43	100.0%
18870601	490	1783	BURNETT	13127750	5	May 13, 2019	0.95	1.01	0.95	100.0%
18870601	490	1747	BURNETT	13127750	5	May 13, 2019	0.25	0.27	0.25	100.0%
18870630	236	1428	BECK	13130525	4	May 13, 2019	0.80	0.85	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 13, 2019	0.80	0.85	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	May 13, 2019	0.80	0.85	0.80	100.0%
18870801	623	2203	BURNETT	13127750	5	May 13, 2019	0.53	0.57	0.53	100.0%
18870831	623	2201	BURNETT	13127750	5	May 13, 2019	1.20	1.27	1.20	100.0%
18880601	347	1973	SWAUGER	13127600	5	May 13, 2019	0.76	0.80	0.76	100.0%
18880601	347	1973	SHARP	13126500	6	May 13, 2019	0.85	0.85	0.85	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 13, 2019	3.20	3.20	3.20	100.0%
18880630	236	1430	BECK	13130525	4	May 13, 2019	0.34	0.36	0.34	100.0%
18880630	490	1826	BURNETT	13127750	5	May 13, 2019	0.24	0.25	0.24	100.0%
18880630	490	1750	BURNETT	13127750	5	May 13, 2019	0.06	0.06	0.06	100.0%
18880801	442	750	MUNSEY	13132375	2	May 13, 2019	0.40	0.93	0.40	100.0%
18890601	463	1396	MOORE	13132050	4	May 13, 2019	0.20	0.21	0.20	100.0%
18890601	441	205	MOORE	13132050	4	May 13, 2019	0.97	1.03	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	May 13, 2019	0.50	0.53	0.50	100.0%
18890601	490	1748	BURNETT	13127750	5	May 13, 2019	0.25	0.27	0.25	100.0%
18890601	475	969	BURNETT	13127750	5	May 13, 2019	1.20	1.27	1.20	100.0%
18890601	623	2174	BURNETT	13127750	5	May 13, 2019	0.80	0.85	0.80	100.0%
18890601	589	716	BURNETT	13127750	5	May 13, 2019	0.86	0.91	0.86	100.0%
18890601	490	1786	BURNETT	13127750	5	May 13, 2019	0.39	0.41	0.39	100.0%
18900601	426	756	ARCO	13132365	2	May 13, 2019	0.56	1.30	0.56	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 13, 2019	3.00	3.00	3.00	100.0%
18910630	205	2065	BECK	13130525	4	May 13, 2019	1.81	1.92	1.81	100.0%
18910630	44	1253	MOORE	13132050	4	May 13, 2019	0.76	0.81	0.76	100.0%
18910630	2332	1255	MOORE	13132050	4	May 13, 2019	0.52	0.55	0.52	100.0%
18910630	2332	1254	MOORE	13132050	4	May 13, 2019	0.48	0.51	0.48	100.0%
18910630	44	1003	MOORE	13132050	4	May 13, 2019	0.76	0.81	0.76	100.0%
18910801	307	77	CHILLY	13121105	9	May 13, 2019	5.00	5.00	5.00	100.0%
18920101	2615	1643	MOORE	13132050	4	May 13, 2019	1.17	1.24	1.17	100.0%
18920101	394	1607	MOORE	13132050	4	May 13, 2019	0.70	0.74	0.70	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	May 13, 2019	0.16	0.17	0.16	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 13, 2019	1.00	1.00	1.00	100.0%
18930201	417	380	MOORE	13132050	4	May 13, 2019	0.22	0.23	0.22	100.0%
18930201	463	1423	MOORE	13132050	4	May 13, 2019	0.30	0.32	0.30	100.0%
18930201	459	1423	MOORE	13132050	4	May 13, 2019	0.30	0.32	0.30	100.0%

18940310	357	15	BURNETT	13127750	5	May 13, 2019	4.12	4.37	4.12	100.0%
18940310	265	2217	BURNETT	13127750	5	May 13, 2019	2.80	2.97	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 13, 2019	0.44	0.47	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	May 13, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 13, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 13, 2019	0.80	0.85	0.80	100.0%
18940601	223	1363	MUNSEY	13132375	2	May 13, 2019	3.20	7.42	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 13, 2019	0.15	0.16	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	May 13, 2019	2.12	2.25	2.12	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 13, 2019	0.11	0.12	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	May 13, 2019	1.60	1.70	1.60	100.0%
18940601	632	1724	SHARP	13126500	6	May 13, 2019	0.14	0.14	0.14	100.0%
18940926	252	357	DARLINGTON	13127735	5	May 13, 2019	0.30	0.32	0.30	100.0%
18950501	307	619	NEILSEN	13120805	9	May 13, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	May 13, 2019	0.80	0.85	0.80	100.0%
18950601	417	378	MOORE	13132050	4	May 13, 2019	0.10	0.11	0.10	100.0%
18950601	445	410	NEILSEN	13120805	9	May 13, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 13, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	May 13, 2019	3.20	3.40	3.20	100.0%
18950630	265	2218	BURNETT	13127750	5	May 13, 2019	2.62	2.78	2.62	100.0%
18960601	652	1567	MOORE	13132050	4	May 13, 2019	0.60	0.64	0.60	100.0%
18960601	604	1711	MOORE	13132050	4	May 13, 2019	0.09	0.10	0.09	100.0%
18960601	85	1522	MOORE	13132050	4	May 13, 2019	1.34	1.42	1.34	100.0%
18960601	263	397	MOORE	13132050	4	May 13, 2019	0.35	0.37	0.35	100.0%
18960601	441	207	MOORE	13132050	4	May 13, 2019	0.93	0.99	0.93	100.0%
18960601	96	461	MOORE	13132050	4	May 13, 2019	0.73	0.77	0.73	100.0%
18960601	96	457	MOORE	13132050	4	May 13, 2019	0.92	0.98	0.92	100.0%
18960601	85	1521	MOORE	13132050	4	May 13, 2019	0.23	0.24	0.23	100.0%
18960601	417	381	MOORE	13132050	4	May 13, 2019	2.40	2.55	2.40	100.0%
18960601	85	1587	MOORE	13132050	4	May 13, 2019	0.35	0.37	0.35	100.0%
18960601	459	993	MOORE	13132050	4	May 13, 2019	0.40	0.42	0.40	100.0%
18960601	459	1120	MOORE	13132050	4	May 13, 2019	0.40	0.42	0.40	100.0%
18960601	85	1589	MOORE	13132050	4	May 13, 2019	0.13	0.14	0.13	100.0%
18960601	463	128	MOORE	13132050	4	May 13, 2019	1.60	1.70	1.60	100.0%
18960601	263	399	MOORE	13132050	4	May 13, 2019	0.27	0.29	0.27	100.0%
18960601	2334	1495	MOORE	13132050	4	May 13, 2019	2.36	2.50	2.36	100.0%
18960601	651	1732	MOORE	13132050	4	May 13, 2019	0.02	0.02	0.02	100.0%
18960601	651	1730	MOORE	13132050	4	May 13, 2019	0.03	0.03	0.03	100.0%
18960601	417	992	MOORE	13132050	4	May 13, 2019	1.20	1.27	1.20	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	May 13, 2019	0.04	0.04	0.04	100.0%
18960601	252	359	DARLINGTON	13127735	5	May 13, 2019	0.89	0.94	0.89	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 13, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 13, 2019	1.84	4.26	1.84	100.0%
18960801	252	363	DARLINGTON	13127735	5	May 13, 2019	2.85	3.03	2.85	100.0%
18960928	15	80	MUNSEY	13132375	2	May 13, 2019	2.30	5.33	2.30	100.0%
18960928	150	215	MUNSEY	13132375	2	May 13, 2019	1.97	4.57	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	May 13, 2019	0.03	0.07	0.03	100.0%
18960928	442	2158	MUNSEY	13132375	2	May 13, 2019	4.40	10.20	4.40	100.0%
18960928	407	307	MUNSEY	13132375	2	May 13, 2019	0.40	0.93	0.40	100.0%
18970510	430	641	MOORE	13132050	4	May 13, 2019	0.50	0.53	0.50	100.0%
18970510	411	674	DARLINGTON	13127735	5	May 13, 2019	2.80	2.97	2.80	100.0%
18970510	411	673	DARLINGTON	13127735	5	May 13, 2019	3.44	3.65	3.44	100.0%
18970515	463	686	MOORE	13132050	4	May 13, 2019	1.60	1.70	1.60	100.0%
18970515	604	1877	MOORE	13132050	4	May 13, 2019	1.29	1.37	1.29	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 13, 2019	2.00	2.00	2.00	100.0%
18980428	252	355	DARLINGTON	13127735	5	May 13, 2019	0.03	0.03	0.03	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	May 13, 2019	0.65	0.69	0.65	100.0%
18980901	268	562	ARCO	13132365	2	May 13, 2019	1.00	2.32	1.00	100.0%
18980901	356	818	ARCO	13132365	2	May 13, 2019	0.30	0.70	0.30	100.0%
18990327	604	1876	MOORE	13132050	4	May 13, 2019	0.91	0.97	0.91	100.0%
18990327	14	2062	MOORE	13132050	4	May 13, 2019	0.01	0.01	0.01	100.0%
18990327	604	2055	MOORE	13132050	4	May 13, 2019	0.29	0.31	0.29	100.0%
18990327	459	1477	MOORE	13132050	4	May 13, 2019	0.01	0.01	0.01	100.0%
18990327	566	1830	MOORE	13132050	4	May 13, 2019	0.21	0.22	0.21	100.0%

18990327	2331	469	MOORE	13132050	4	May 13, 2019	0.51	0.54	0.51	100.0%
18990327	2331	467	MOORE	13132050	4	May 13, 2019	0.60	0.64	0.60	100.0%
18990327	433	272	MOORE	13132050	4	May 13, 2019	0.48	0.51	0.48	100.0%
18990327	645	2058	MOORE	13132050	4	May 13, 2019	0.08	0.08	0.08	100.0%
18990327	180	468	MOORE	13132050	4	May 13, 2019	0.05	0.05	0.05	100.0%
18990509	442	1364	MUNSEY	13132375	2	May 13, 2019	0.16	0.37	0.16	100.0%
18990601	140	2071	MOORE	13132050	4	May 13, 2019	0.03	0.03	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	May 13, 2019	0.55	0.58	0.55	100.0%
18990601	360	704	BURNETT	13127750	5	May 13, 2019	1.20	1.27	1.20	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 13, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 13, 2019	2.74	2.74	2.74	100.0%
19001101	310	833	CHILLY	13121105	9	May 13, 2019	5.00	5.00	5.00	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	May 13, 2019	0.20	0.21	0.20	100.0%
19010901	70	339	MOORE	13132050	4	May 13, 2019	0.12	0.13	0.12	100.0%
19010901	459	684	MOORE	13132050	4	May 13, 2019	0.35	0.37	0.35	100.0%
19010901	433	685	MOORE	13132050	4	May 13, 2019	0.03	0.03	0.03	100.0%
19010901	459	340	MOORE	13132050	4	May 13, 2019	0.23	0.24	0.23	100.0%
19011001	651	1729	MOORE	13132050	4	May 13, 2019	0.01	0.01	0.01	100.0%
19011001	96	455	MOORE	13132050	4	May 13, 2019	0.20	0.21	0.20	100.0%
19011001	263	396	MOORE	13132050	4	May 13, 2019	0.10	0.11	0.10	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	May 13, 2019	0.20	0.21	0.20	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	May 13, 2019	0.26	0.28	0.26	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 13, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 13, 2019	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	May 13, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	May 13, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 13, 2019	3.40	3.40	3.40	100.0%
19020304	129	2186	CHILLY	13121105	9	May 13, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 13, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 13, 2019	2.70	2.87	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	May 13, 2019	2.00	2.00	2.00	100.0%
19020601	16	1014	MOORE	13132050	4	May 13, 2019	0.92	0.98	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 13, 2019	3.70	3.70	3.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 13, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	May 13, 2019	1.60	1.70	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	May 13, 2019	1.46	1.55	1.46	100.0%
19040601	338	580	DARLINGTON	13127735	5	May 13, 2019	0.55	0.58	0.55	100.0%
19040601	139	1148	DARLINGTON	13127735	5	May 13, 2019	0.20	0.21	0.20	100.0%
19040601	139	731	DARLINGTON	13127735	5	May 13, 2019	0.60	0.64	0.60	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 13, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 13, 2019	1.20	1.20	1.20	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 13, 2019	0.65	0.65	0.65	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 13, 2019	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	May 13, 2019	0.30	0.30	0.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 13, 2019	0.82	0.82	0.82	100.0%
19050501	154	2152	NEILSEN	13120805	9	May 13, 2019	0.10	0.10	0.10	100.0%
19050501	130	74	NEILSEN	13120805	9	May 13, 2019	1.30	1.30	1.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 13, 2019	3.00	3.00	3.00	100.0%
19050501	364	629	CHILLY	13121105	9	May 13, 2019	0.20	0.20	0.20	100.0%
19050501	129	2187	CHILLY	13121105	9	May 13, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	May 13, 2019	0.40	0.40	0.40	100.0%
19060501	430	1580	MOORE	13132050	4	May 13, 2019	0.25	0.27	0.25	100.0%
19060501	430	1620	MOORE	13132050	4	May 13, 2019	1.17	1.24	1.17	100.0%
19060501	430	1618	MOORE	13132050	4	May 13, 2019	0.97	1.03	0.97	100.0%
19070610	1	1433	6X Ranch Pump	13124355	8	May 13, 2019	1.37	1.37	1.37	100.0%
19080709	475	1098	BURNETT	13127750	5	May 13, 2019	2.00	2.12	2.00	100.0%
19081207	459	344	MOORE	13132050	4	May 13, 2019	0.33	0.35	0.33	100.0%
19081207	459	1080	MOORE	13132050	4	May 13, 2019	0.50	0.53	0.50	100.0%
19081207	70	343	MOORE	13132050	4	May 13, 2019	0.17	0.18	0.17	100.0%
19090830	575	890	Broken River Pum	13124050	8	May 13, 2019	1.82	1.82	1.82	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 13, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 13, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 13, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 13, 2019	0.78	0.78	0.78	100.0%

19120513	101	1069	NEILSEN	13120805	9	May 13, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	May 13, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 13, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	May 13, 2019	4.20	4.20	4.20	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 13, 2019	2.00	2.00	2.00	100.0%
19121014	403	813	NEILSEN	13120805	9	May 13, 2019	2.10	2.10	2.10	100.0%
19130517	170	1416	MOORE	13132050	4	May 13, 2019	0.80	0.85	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	May 13, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	May 13, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	May 13, 2019	0.80	0.80	0.80	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 13, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	May 13, 2019	0.31	0.31	0.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 13, 2019	1.30	1.30	1.30	100.0%
19170620	307	71	NEILSEN	13120805	9	May 13, 2019	4.96	4.96	4.96	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 13, 2019	0.02	0.02	0.02	100.0%
19200601	150	218	MUNSEY	13132375	2	May 13, 2019	0.01	0.02	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	May 13, 2019	0.79	1.83	0.79	100.0%
19240806	417	695	MOORE	13132050	4	May 13, 2019	0.50	0.53	0.50	100.0%
19600824	430	1617	MOORE	13132050	4	May 13, 2019	0.55	0.58	0.55	100.0%
19600824	430	1579	MOORE	13132050	4	May 13, 2019	0.14	0.15	0.14	100.0%
19600824	430	1619	MOORE	13132050	4	May 13, 2019	0.48	0.51	0.48	100.0%
19740402	150	220	MUNSEY	13132375	2	May 13, 2019	0.02	0.05	0.02	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 13, 2019	10.00	23.18	10.00	100.0%
19810501	566	1684	MOORE	13132050	4	May 13, 2019	0.82	0.87	0.82	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 13, 2019	9969.40	9969.40	138.76	1.4%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 14, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 14	857.0	1.5	0.0	858.5	0.00	858.5	1.5	0.0	0.0	857.0	0.0	0.0
9	Howell to Chilly	May 14	632.0	90.3	0.0	-134.7	0.16	723.8	87.4	2.9	0.0	634.9	-2.9	0.0
8	Chilly to Reservoir	* May 14	436.0	47.8	0.0	-148.2	0.23	575.7	43.0	4.8	0.0	443.7	-7.7	0.0
	Disconnected													
7	Mackay Reservoir	* May 14	393.6	0.0	0.0	436.0	0.00	436.0	188.4		0.0	247.6	146.0	0.0
6	Reservoir to 2B	May 14	387.0	6.6	0.0	0.0	0.00	436.0	4.7	1.9	0.0	242.9	144.1	0.0
5	2B to Leslie	May 14	229.0	114.0	0.0	-44.0	0.11	436.0	76.0	38.0	0.0	139.2	89.8	0.0
4	Leslie to Moore	May 14	129.6	177.8	0.0	78.4	0.00	514.4	136.8	40.9	0.0	80.8	48.9	0.0
2	Moore to blw Munsey	May 14	12.0	76.0	0.0	-41.6	0.32	514.4	54.8	21.2	0.0	0.0	12.0	0.0
1	Blw Munsey to Arco	May 14	11.1	0.0	0.0	-0.9	0.08	514.4	0.0	0.0	0.0	0.0	11.1	0.0
							TOTAL		592.8	109.7	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 14	0.0	0.0		20180101	2%
9	Howell to Chilly	May 14	0.0	0.0		20180101	2%
8	Chilly to Reservoir	May 14	0.0	0.0		20180101	2%
	Disconnected						
7	Mackay Reservoir	May 14	0.0	0.0		20180101	2%
6	Reservoir to 2B	May 14	0.0	0.0		20180101	2%
5	2B to Leslie	May 14	27.6	16.4		20180101	2%
4	Leslie to Moore	May 14	0.0	0.0		20180101	2%
2	Moore to blw Munsey	May 14	25.9	15.7		20180101	2%
1	Blw Munsey to Arco	May 14	0.0	0.9		20180101	2%
	TOTAL		53.5	33.0	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	88.9
2	18810630	1.7	294.0	47.2
3	18880601	3.2	556.5	88.9
4	18960601	6.4	1113.0	177.7
5	19020301	0.8	140.0	22.2
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	3708.5
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	47984.4

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28270.0	28340.0	70.0	35.3	7.1

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	4133.4
Total Storage Loss	-1975.9
Total Storage Deliver	-2479.0
Total Evaporation	-208.9
Accounting Balance	28339.6
Current Res Content	28340.0
Storage Balance Error	-0.4

DAILY STORAGE BALANCE

```
 28270.0 Reservoir Content Previous Day [ac-ft]
 28340.0 Reservoir Content Current Day [ac-ft]
    70.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------
           373.7 Storage Allocated to Mackay Reservoir [ac-ft]

           -87.5 Stored Flow Losses [ac-ft]
               -16.4 2B to Leslie [cfs]
                 0.0 Leslie to Moore [cfs]
               -15.7 Moore blw Munsey [cfs]
                -0.9 blw Munsey to Arco Gage [cfs]
               -11.1 Past Arco Gage [cfs]

          -202.3 Storage Delivered [ac-ft]
                 --- Above Reservoir [cfs]
                 1.9 Reservoir to 2B [cfs]
                38.0 2B to Leslie [cfs]
                40.9 Leslie to Moore [cfs]
                21.2 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

           -14.1 Evaporation [ac-ft]

    69.8 Accounting Change in Storage [ac-ft]
-------------------------------------------------------
    -0.2 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   436.0 Gain in/above Mackay Reservoir [cfs]
     0.0 Gain in Reach 5: 2-B to Leslie [cfs]
    78.4 Gain in Reach 4: Leslie to Moore [cfs]
     0.0 Gain in Reach 2: Moore to Munsey [cfs]
     0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------
   514.4 Total Available Natural Flow [cfs]
-------------------------------------------------------
           188.4 Reservoir Rights Diverted [cfs]

            53.5 Natural Flow Losses below Reservoir [cfs]
                27.6 2B to Leslie [cfs]
                 0.0 Leslie to Moore [cfs]
                25.9 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
                 0.0 Natural Flow Past Arco Gage [cfs]

           272.3 Natural Flow Delivered [cfs]
                 --- Above Reservoir Storage Use [cfs]
                 4.7 Reservoir to 2B [cfs]
                76.0 2B to Leslie [cfs]
               136.8 Leslie to Moore [cfs]
                54.8 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

   514.2 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------
     0.2 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	13.0	650
Eastside Felton Wier +	32.0	1600
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	45.0	2250
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.1	205
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	1.2	58
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	1.7	85
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.1	3
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.3	115
Island Wanstrom David +	0.0	0
Eastside OUT	37.0	1850
Total Out	46.3	2316

Abbreviated Reach Delivery Factor 1.03
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 106.7%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 37.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 34.7 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 77.9%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 44.5 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 29.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 80.2%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 83.1%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 14, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	1.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	4.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	1.7	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	6.6	1.9	4.7
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	16.4	6.0	39.0
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	35.6	8.5	161.5
9	NEILSEN	40.6	2.9	55.7	8	Smith Pumps	3.0	0.0	0.0	5	BURNETT	62.0	23.4	370.1
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	39.0	0.0	0.0	8	Broken River Pum	4.0	0.0	0.0	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	5.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	13.0	6.2	48.4
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	22.2	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	3.4	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	135.3	37.5	962.4
8	Mtn. Springs 1	0.0	4.0	7.9	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	29.5	8.3	1038.9
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	4.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	32.0	10.5	110.3
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	1.5	0.0	0.0	2	MUNSEY	44.0	10.7	85.2
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	0.0	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	3.4	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	0.0	0.0	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 14, 2019	2.03	2.03	2.03	100.0%
18750601	483	12	LONGHURST	13121505	9	May 14, 2019	3.17	3.17	3.17	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 14, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 14, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 14, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 14, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 14, 2019	1.50	1.50	1.50	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 14, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 14, 2019	3.00	3.00	3.00	100.0%
18830601	566	1778	MOORE	13132050	4	May 14, 2019	0.27	0.31	0.24	88.6%
18830601	2331	465	MOORE	13132050	4	May 14, 2019	0.79	0.89	0.70	88.6%
18830601	645	2057	MOORE	13132050	4	May 14, 2019	0.09	0.10	0.08	88.6%
18830601	224	854	MOORE	13132050	4	May 14, 2019	3.20	3.61	2.84	88.6%
18830601	221	855	MOORE	13132050	4	May 14, 2019	1.56	1.76	1.38	88.6%
18830630	223	1192	MOORE	13132050	4	May 14, 2019	1.72	1.94	1.52	88.6%
18830630	331	1150	MOORE	13132050	4	May 14, 2019	1.13	1.27	1.00	88.6%
18830810	2332	1088	MOORE	13132050	4	May 14, 2019	1.50	1.69	1.33	88.6%
18830810	85	1583	MOORE	13132050	4	May 14, 2019	0.18	0.20	0.16	88.6%
18830810	263	393	MOORE	13132050	4	May 14, 2019	0.18	0.20	0.16	88.6%
18830810	96	449	MOORE	13132050	4	May 14, 2019	0.48	0.54	0.43	88.6%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	May 14, 2019	0.43	0.49	0.38	88.6%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	May 14, 2019	0.21	0.24	0.19	88.6%
18840422	236	30	BECK	13130525	4	May 14, 2019	1.64	1.85	1.45	88.6%
18840422	433	1427	MOORE	13132050	4	May 14, 2019	0.14	0.16	0.12	88.6%
18840422	347	938	SWAUGER	13127600	5	May 14, 2019	1.54	1.74	1.54	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 14, 2019	0.07	0.08	0.07	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 14, 2019	0.55	0.62	0.55	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 14, 2019	2.17	2.45	2.17	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 14, 2019	0.20	0.23	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 14, 2019	0.94	1.06	0.94	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 14, 2019	1.63	1.84	1.63	100.0%
18840422	360	133	BURNETT	13127750	5	May 14, 2019	2.00	2.26	2.00	100.0%
18840422	490	1749	BURNETT	13127750	5	May 14, 2019	0.21	0.24	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	May 14, 2019	0.79	0.89	0.79	100.0%
18840422	103	1289	SHARP	13126500	6	May 14, 2019	0.64	0.64	0.64	100.0%
18840422	347	938	SHARP	13126500	6	May 14, 2019	2.46	2.46	2.46	100.0%
18840430	360	67	BURNETT	13127750	5	May 14, 2019	1.60	1.81	1.60	100.0%
18840430	623	2234	BURNETT	13127750	5	May 14, 2019	0.40	0.45	0.40	100.0%
18840501	501	1324	Zollinger 2	13122990	8	May 14, 2019	3.43	3.43	3.43	100.0%
18840520	645	2056	MOORE	13132050	4	May 14, 2019	0.30	0.34	0.27	88.6%
18840520	85	1584	MOORE	13132050	4	May 14, 2019	0.22	0.25	0.19	88.6%
18840520	651	1727	MOORE	13132050	4	May 14, 2019	0.02	0.02	0.02	88.6%
18840520	96	451	MOORE	13132050	4	May 14, 2019	0.58	0.65	0.51	88.6%
18840520	463	1300	MOORE	13132050	4	May 14, 2019	1.60	1.81	1.42	88.6%
18840520	14	2002	MOORE	13132050	4	May 14, 2019	0.02	0.02	0.02	88.6%
18840520	14	2061	MOORE	13132050	4	May 14, 2019	0.04	0.05	0.04	88.6%
18840520	566	1782	MOORE	13132050	4	May 14, 2019	0.78	0.88	0.69	88.6%
18840520	263	394	MOORE	13132050	4	May 14, 2019	0.22	0.25	0.19	88.6%
18840520	2332	753	MOORE	13132050	4	May 14, 2019	0.42	0.47	0.37	88.6%
18840520	2335	1886	MOORE	13132050	4	May 14, 2019	0.90	1.02	0.80	88.6%
18840520	2331	463	MOORE	13132050	4	May 14, 2019	2.24	2.53	1.99	88.6%
18840520	433	271	MOORE	13132050	4	May 14, 2019	0.54	0.61	0.48	88.6%
18840520	427	1	MOORE	13132050	4	May 14, 2019	1.18	1.33	1.05	88.6%
18840520	2333	657	MOORE	13132050	4	May 14, 2019	1.06	1.20	0.94	88.6%
18840520	604	2054	MOORE	13132050	4	May 14, 2019	1.15	1.30	1.02	88.6%
18840520	2332	752	MOORE	13132050	4	May 14, 2019	0.36	0.41	0.32	88.6%
18840520	2331	471	MOORE	13132050	4	May 14, 2019	2.14	2.41	1.90	88.6%
18840520	180	470	MOORE	13132050	4	May 14, 2019	0.16	0.18	0.14	88.6%
18840520	156	2002	MOORE	13132050	4	May 14, 2019	0.38	0.43	0.34	88.6%

18840531	338	122	DARLINGTON	13127735	5	May 14, 2019	0.72	0.81	0.72	100.0%
18840601	85	1545	MOORE	13132050	4	May 14, 2019	0.54	0.61	0.48	88.6%
18840601	359	1012	MOORE	13132050	4	May 14, 2019	1.28	1.44	1.13	88.6%
18840601	263	395	MOORE	13132050	4	May 14, 2019	0.08	0.09	0.07	88.6%
18840601	96	453	MOORE	13132050	4	May 14, 2019	0.21	0.24	0.19	88.6%
18840601	85	1544	MOORE	13132050	4	May 14, 2019	0.09	0.10	0.08	88.6%
18840601	85	1585	MOORE	13132050	4	May 14, 2019	0.08	0.09	0.07	88.6%
18840601	360	693	BURNETT	13127750	5	May 14, 2019	0.80	0.90	0.80	100.0%
18840601	623	2134	BURNETT	13127750	5	May 14, 2019	0.20	0.23	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	May 14, 2019	0.27	0.30	0.27	100.0%
18840601	623	2182	BURNETT	13127750	5	May 14, 2019	0.40	0.45	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 14, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 14, 2019	0.40	0.40	0.40	100.0%
18840715	44	1005	MOORE	13132050	4	May 14, 2019	0.80	0.90	0.71	88.6%
18840715	133	324	MOORE	13132050	4	May 14, 2019	0.78	0.88	0.69	88.6%
18840715	417	1194	MOORE	13132050	4	May 14, 2019	1.20	1.35	1.06	88.6%
18840715	12	1296	MOORE	13132050	4	May 14, 2019	0.78	0.88	0.69	88.6%
18840715	459	798	MOORE	13132050	4	May 14, 2019	0.80	0.90	0.71	88.6%
18840715	115	323	MOORE	13132050	4	May 14, 2019	0.78	0.88	0.69	88.6%
18840715	459	1195	MOORE	13132050	4	May 14, 2019	1.20	1.35	1.06	88.6%
18840731	44	1132	MOORE	13132050	4	May 14, 2019	0.80	0.90	0.71	88.6%
18840731	44	1131	MOORE	13132050	4	May 14, 2019	0.80	0.90	0.71	88.6%
18840731	331	1151	MOORE	13132050	4	May 14, 2019	1.60	1.81	1.42	88.6%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	May 14, 2019	1.31	1.48	1.16	88.6%
18840831	638	772	UPPER EASTSIDE &	13132101	4	May 14, 2019	0.40	0.45	0.35	88.6%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	May 14, 2019	0.44	0.50	0.39	88.6%
18840901	441	1107	MOORE	13132050	4	May 14, 2019	3.20	3.61	2.84	88.6%
18840914	360	68	BURNETT	13127750	5	May 14, 2019	0.80	0.90	0.80	100.0%
18840914	623	2135	BURNETT	13127750	5	May 14, 2019	0.40	0.45	0.40	100.0%
18841012	205	2067	BECK	13130525	4	May 14, 2019	1.76	1.99	1.56	88.6%
18841012	433	1081	MOORE	13132050	4	May 14, 2019	1.25	1.41	1.11	88.6%
18841012	70	341	MOORE	13132050	4	May 14, 2019	0.31	0.35	0.27	88.6%
18841012	459	1079	MOORE	13132050	4	May 14, 2019	0.89	1.00	0.79	88.6%
18841012	459	342	MOORE	13132050	4	May 14, 2019	0.58	0.65	0.51	88.6%
18841012	317	1485	SWAUGER	13127600	5	May 14, 2019	0.81	0.91	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 14, 2019	2.77	3.13	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	May 14, 2019	0.74	0.83	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 14, 2019	3.30	3.72	3.30	100.0%
18841012	347	1974	SWAUGER	13127600	5	May 14, 2019	0.41	0.46	0.41	100.0%
18841012	347	1974	SHARP	13126500	6	May 14, 2019	0.65	0.65	0.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 14, 2019	0.61	0.69	0.61	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 14, 2019	1.65	1.86	1.65	100.0%
18850501	423	87	ARCO	13132365	2	May 14, 2019	0.20	0.33	0.20	100.0%
18850501	423	186	ARCO	13132365	2	May 14, 2019	0.26	0.43	0.26	100.0%
18850501	426	887	ARCO	13132365	2	May 14, 2019	0.64	1.06	0.64	100.0%
18850501	250	790	UPPER EASTSIDE &	13132101	4	May 14, 2019	1.00	1.13	0.89	88.6%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	May 14, 2019	0.06	0.07	0.05	88.6%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	May 14, 2019	0.24	0.27	0.21	88.6%
18850501	130	1285	NEILSEN	13120805	9	May 14, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	May 14, 2019	0.20	0.23	0.18	88.6%
18850512	250	1402	UPPER EASTSIDE &	13132101	4	May 14, 2019	1.40	1.58	1.24	88.6%
18850515	359	1034	MOORE	13132050	4	May 14, 2019	2.32	2.62	2.06	88.6%
18850530	484	1833	BURNETT	13127750	5	May 14, 2019	0.19	0.21	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	May 14, 2019	1.37	1.55	1.37	100.0%
18850530	484	1718	BURNETT	13127750	5	May 14, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	May 14, 2019	0.11	0.12	0.11	100.0%
18850531	413	1353	MOORE	13132050	4	May 14, 2019	0.04	0.05	0.04	88.6%
18850531	63	1354	MOORE	13132050	4	May 14, 2019	1.56	1.76	1.38	88.6%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	May 14, 2019	2.74	3.09	2.43	88.6%
18850531	338	2000	DARLINGTON	13127735	5	May 14, 2019	2.00	2.26	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 14, 2019	3.20	3.61	3.20	100.0%
18850601	205	2064	BECK	13130525	4	May 14, 2019	0.59	0.67	0.52	88.6%
18850601	396	1965	DARLINGTON	13127735	5	May 14, 2019	0.40	0.45	0.40	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 14, 2019	2.60	2.93	2.60	100.0%

18850601	101	1201	NEILSEN	13120805	9	May 14, 2019	0.28	0.28	0.28	100.0%
18851002	356	82	ARCO	13132365	2	May 14, 2019	3.20	5.32	3.20	100.0%
18851002	356	42	ARCO	13132365	2	May 14, 2019	4.50	7.48	4.50	100.0%
18851002	437	62	ARCO	13132365	2	May 14, 2019	1.54	2.56	1.54	100.0%
18851002	318	545	MUNSEY	13132375	2	May 14, 2019	0.75	1.25	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	May 14, 2019	0.80	1.33	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 14, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	May 14, 2019	1.20	1.35	1.06	88.6%
18860501	417	1050	MOORE	13132050	4	May 14, 2019	2.80	3.16	2.48	88.6%
18860501	325	101	LOWER EASTSIDE &	13132291	4	May 14, 2019	3.86	4.36	3.42	88.6%
18860512	96	459	MOORE	13132050	4	May 14, 2019	0.48	0.54	0.43	88.6%
18860512	263	398	MOORE	13132050	4	May 14, 2019	0.18	0.20	0.16	88.6%
18860512	85	1588	MOORE	13132050	4	May 14, 2019	0.18	0.20	0.16	88.6%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	May 14, 2019	1.63	1.84	1.44	88.6%
18860601	16	1009	MOORE	13132050	4	May 14, 2019	2.52	2.84	2.23	88.6%
18860601	306	851	UPPER EASTSIDE &	13132101	4	May 14, 2019	1.60	1.81	1.42	88.6%
18860601	482	867	UPPER EASTSIDE &	13132101	4	May 14, 2019	1.24	1.40	1.10	88.6%
18860601	357	1288	BURNETT	13127750	5	May 14, 2019	1.60	1.81	1.60	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 14, 2019	0.50	0.50	0.50	100.0%
18860630	604	1710	MOORE	13132050	4	May 14, 2019	0.04	0.05	0.04	88.6%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 14, 2019	0.80	0.90	0.71	88.6%
18860721	484	1673	BURNETT	13127750	5	May 14, 2019	1.10	1.24	1.10	100.0%
18860721	260	1668	BURNETT	13127750	5	May 14, 2019	2.22	2.50	2.22	100.0%
18860914	490	1795	BURNETT	13127750	5	May 14, 2019	1.26	1.42	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	May 14, 2019	0.34	0.38	0.34	100.0%
18870313	459	338	MOORE	13132050	4	May 14, 2019	0.42	0.47	0.37	88.6%
18870313	70	337	MOORE	13132050	4	May 14, 2019	0.23	0.26	0.20	88.6%
18870313	459	682	MOORE	13132050	4	May 14, 2019	0.65	0.73	0.58	88.6%
18870313	433	683	MOORE	13132050	4	May 14, 2019	0.70	0.79	0.12	16.4%
18870313	360	681	BURNETT	13127750	5	May 14, 2019	0.80	0.90	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 14, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 14, 2019	1.80	1.80	1.80	100.0%
18870601	423	76	ARCO	13132365	2	May 14, 2019	0.22	0.37	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	May 14, 2019	1.68	2.79	1.68	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	May 14, 2019	2.30	2.60	2.30	100.0%
18870601	252	353	DARLINGTON	13127735	5	May 14, 2019	0.43	0.49	0.43	100.0%
18870601	490	1747	BURNETT	13127750	5	May 14, 2019	0.25	0.28	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	May 14, 2019	0.95	1.07	0.95	100.0%
18870601	483	1270	CHILLY	13121105	9	May 14, 2019	0.94	0.94	0.94	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 14, 2019	1.46	1.46	1.46	100.0%
18870630	236	1428	BECK	13130525	4	May 14, 2019	0.80	0.90	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 14, 2019	0.80	0.90	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	May 14, 2019	0.80	0.90	0.80	100.0%
18870801	623	2203	BURNETT	13127750	5	May 14, 2019	0.53	0.60	0.53	100.0%
18870831	623	2201	BURNETT	13127750	5	May 14, 2019	1.20	1.35	1.20	100.0%
18880401	682	2139	NEILSEN	13120805	9	May 14, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	May 14, 2019	0.33	0.55	0.33	100.0%
18880601	347	1973	SWAUGER	13127600	5	May 14, 2019	0.62	0.70	0.62	100.0%
18880601	347	1973	SHARP	13126500	6	May 14, 2019	0.98	0.98	0.98	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 14, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 14, 2019	0.23	0.23	0.23	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 14, 2019	0.37	0.37	0.37	100.0%
18880601	629	1497	HOWELL	13120490	10	May 14, 2019	1.50	1.50	1.50	100.0%
18880630	236	1430	BECK	13130525	4	May 14, 2019	0.46	0.52	0.46	100.0%
18880630	490	1750	BURNETT	13127750	5	May 14, 2019	0.06	0.07	0.06	100.0%
18880630	490	1826	BURNETT	13127750	5	May 14, 2019	0.24	0.27	0.24	100.0%
18880801	442	750	MUNSEY	13132375	2	May 14, 2019	0.40	0.66	0.40	100.0%
18881101	2610	2095	KENT	13120605	9	May 14, 2019	1.54	1.54	1.54	100.0%
18881101	59	2222	KENT	13120605	9	May 14, 2019	1.66	1.66	1.66	100.0%
18890601	463	1396	MOORE	13132050	4	May 14, 2019	0.20	0.23	0.20	100.0%
18890601	652	1566	MOORE	13132050	4	May 14, 2019	0.50	0.56	0.50	100.0%
18890601	441	205	MOORE	13132050	4	May 14, 2019	0.97	1.09	0.97	100.0%
18890601	623	2174	BURNETT	13127750	5	May 14, 2019	0.80	0.90	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	May 14, 2019	1.20	1.35	1.20	100.0%

18890601	490	1786	BURNETT	13127750	5	May 14, 2019	0.23	0.26	0.23	100.0%
18890601	490	1748	BURNETT	13127750	5	May 14, 2019	0.25	0.28	0.25	100.0%
18890601	589	716	BURNETT	13127750	5	May 14, 2019	0.84	0.95	0.84	100.0%
18900601	426	756	ARCO	13132365	2	May 14, 2019	0.57	0.95	0.57	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 14, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	May 14, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 14, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 14, 2019	1.70	1.70	1.70	100.0%
18910630	205	2065	BECK	13130525	4	May 14, 2019	1.96	2.21	1.96	100.0%
18910630	2332	1255	MOORE	13132050	4	May 14, 2019	0.52	0.59	0.52	100.0%
18910630	2332	1254	MOORE	13132050	4	May 14, 2019	0.48	0.54	0.48	100.0%
18910630	44	1253	MOORE	13132050	4	May 14, 2019	0.76	0.86	0.76	100.0%
18910630	44	1003	MOORE	13132050	4	May 14, 2019	0.76	0.86	0.76	100.0%
18910801	307	77	CHILLY	13121105	9	May 14, 2019	5.20	5.20	5.20	100.0%
18920101	2615	1643	MOORE	13132050	4	May 14, 2019	1.17	1.32	1.17	100.0%
18920101	394	1607	MOORE	13132050	4	May 14, 2019	0.70	0.79	0.70	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 14, 2019	1.50	1.50	1.50	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 14, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 14, 2019	0.22	0.25	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	May 14, 2019	0.30	0.34	0.30	100.0%
18930201	463	1423	MOORE	13132050	4	May 14, 2019	0.30	0.34	0.30	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 14, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	May 14, 2019	0.46	0.46	0.46	100.0%
18931101	59	1279	KENT	13120605	9	May 14, 2019	0.05	0.05	0.05	100.0%
18931101	59	2223	KENT	13120605	9	May 14, 2019	0.29	0.29	0.29	100.0%
18940310	475	989	BURNETT	13127750	5	May 14, 2019	0.44	0.50	0.44	100.0%
18940310	265	2217	BURNETT	13127750	5	May 14, 2019	2.80	3.16	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	May 14, 2019	3.96	4.47	3.96	100.0%
18940310	609	1496	CHILLY	13121105	9	May 14, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 14, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 14, 2019	0.80	0.90	0.80	100.0%
18940601	223	1363	MUNSEY	13132375	2	May 14, 2019	3.20	5.32	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 14, 2019	0.15	0.17	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	May 14, 2019	1.34	1.51	1.34	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 14, 2019	0.11	0.12	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	May 14, 2019	1.60	1.81	1.60	100.0%
18940601	307	39	CHILLY	13121105	9	May 14, 2019	1.20	1.20	1.20	100.0%
18940926	252	357	DARLINGTON	13127735	5	May 14, 2019	0.30	0.34	0.30	100.0%
18950501	307	619	NEILSEN	13120805	9	May 14, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 14, 2019	0.10	0.11	0.10	100.0%
18950601	180	1343	MOORE	13132050	4	May 14, 2019	0.80	0.90	0.80	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	May 14, 2019	0.40	0.45	0.40	100.0%
18950601	445	411	NEILSEN	13120805	9	May 14, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 14, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	May 14, 2019	3.20	3.61	3.20	100.0%
18950630	265	2218	BURNETT	13127750	5	May 14, 2019	2.62	2.96	2.62	100.0%
18960601	2334	1495	MOORE	13132050	4	May 14, 2019	2.36	2.66	2.36	100.0%
18960601	459	1120	MOORE	13132050	4	May 14, 2019	0.40	0.45	0.40	100.0%
18960601	441	207	MOORE	13132050	4	May 14, 2019	0.93	1.05	0.93	100.0%
18960601	459	993	MOORE	13132050	4	May 14, 2019	0.40	0.45	0.40	100.0%
18960601	263	397	MOORE	13132050	4	May 14, 2019	0.35	0.39	0.35	100.0%
18960601	96	457	MOORE	13132050	4	May 14, 2019	0.92	1.04	0.92	100.0%
18960601	463	128	MOORE	13132050	4	May 14, 2019	1.60	1.81	1.60	100.0%
18960601	651	1732	MOORE	13132050	4	May 14, 2019	0.02	0.02	0.02	100.0%
18960601	652	1567	MOORE	13132050	4	May 14, 2019	0.60	0.68	0.60	100.0%
18960601	96	461	MOORE	13132050	4	May 14, 2019	0.73	0.82	0.73	100.0%
18960601	604	1711	MOORE	13132050	4	May 14, 2019	0.09	0.10	0.09	100.0%
18960601	85	1587	MOORE	13132050	4	May 14, 2019	0.35	0.39	0.35	100.0%
18960601	651	1730	MOORE	13132050	4	May 14, 2019	0.03	0.03	0.03	100.0%
18960601	263	399	MOORE	13132050	4	May 14, 2019	0.27	0.30	0.27	100.0%
18960601	85	1522	MOORE	13132050	4	May 14, 2019	1.34	1.51	1.34	100.0%
18960601	85	1521	MOORE	13132050	4	May 14, 2019	0.23	0.26	0.23	100.0%
18960601	417	381	MOORE	13132050	4	May 14, 2019	2.40	2.71	2.40	100.0%
18960601	417	992	MOORE	13132050	4	May 14, 2019	1.20	1.35	1.20	100.0%

18960601	85	1589	MOORE	13132050	4	May 14, 2019	0.13	0.15	0.13	100.0%
18960601	604	1391	LOWER EASTSIDE &	13132291	4	May 14, 2019	1.16	1.31	1.16	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	May 14, 2019	0.41	0.46	0.41	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	May 14, 2019	0.04	0.04	0.04	100.0%
18960601	252	359	DARLINGTON	13127735	5	May 14, 2019	0.89	1.00	0.89	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 14, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 14, 2019	2.00	3.32	2.00	100.0%
18960801	252	363	DARLINGTON	13127735	5	May 14, 2019	1.18	1.33	1.18	100.0%
18960901	437	671	ARCO	13132365	2	May 14, 2019	0.13	0.22	0.13	100.0%
18960928	150	216	MUNSEY	13132375	2	May 14, 2019	0.03	0.05	0.03	100.0%
18960928	442	2158	MUNSEY	13132375	2	May 14, 2019	4.40	7.31	4.40	100.0%
18960928	15	80	MUNSEY	13132375	2	May 14, 2019	2.30	3.82	2.30	100.0%
18960928	150	215	MUNSEY	13132375	2	May 14, 2019	1.97	3.27	1.97	100.0%
18970510	437	664	ARCO	13132365	2	May 14, 2019	1.74	2.89	1.74	100.0%
18970510	430	641	MOORE	13132050	4	May 14, 2019	0.50	0.56	0.50	100.0%
18970510	411	673	DARLINGTON	13127735	5	May 14, 2019	3.44	3.88	3.44	100.0%
18970510	411	674	DARLINGTON	13127735	5	May 14, 2019	2.80	3.16	2.80	100.0%
18970515	463	686	MOORE	13132050	4	May 14, 2019	1.60	1.81	1.60	100.0%
18970515	604	1877	MOORE	13132050	4	May 14, 2019	1.29	1.46	1.29	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 14, 2019	2.00	2.00	2.00	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	May 14, 2019	0.13	0.15	0.13	100.0%
18980601	437	1310	ARCO	13132365	2	May 14, 2019	1.60	2.66	1.60	100.0%
18980601	205	2066	BECK	13130525	4	May 14, 2019	0.03	0.03	0.03	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	May 14, 2019	0.65	0.73	0.65	100.0%
18980901	356	818	ARCO	13132365	2	May 14, 2019	1.04	1.73	1.04	100.0%
18980901	268	562	ARCO	13132365	2	May 14, 2019	1.57	2.61	1.57	100.0%
18990327	459	1477	MOORE	13132050	4	May 14, 2019	0.01	0.01	0.01	100.0%
18990327	566	1830	MOORE	13132050	4	May 14, 2019	0.21	0.24	0.21	100.0%
18990327	433	272	MOORE	13132050	4	May 14, 2019	0.48	0.54	0.48	100.0%
18990327	2331	467	MOORE	13132050	4	May 14, 2019	0.60	0.68	0.60	100.0%
18990327	180	468	MOORE	13132050	4	May 14, 2019	0.05	0.06	0.05	100.0%
18990327	14	2062	MOORE	13132050	4	May 14, 2019	0.01	0.01	0.01	100.0%
18990327	604	1876	MOORE	13132050	4	May 14, 2019	0.91	1.03	0.91	100.0%
18990327	604	2055	MOORE	13132050	4	May 14, 2019	0.29	0.33	0.29	100.0%
18990327	645	2058	MOORE	13132050	4	May 14, 2019	0.08	0.09	0.08	100.0%
18990327	2331	469	MOORE	13132050	4	May 14, 2019	0.51	0.58	0.51	100.0%
18990509	442	1364	MUNSEY	13132375	2	May 14, 2019	0.40	0.66	0.40	100.0%
18990601	140	2071	MOORE	13132050	4	May 14, 2019	0.03	0.03	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	May 14, 2019	0.55	0.62	0.55	100.0%
18990601	360	704	BURNETT	13127750	5	May 14, 2019	0.18	0.20	0.18	100.0%
18990601	307	72	NEILSEN	13120805	9	May 14, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 14, 2019	0.60	0.60	0.60	100.0%
18991001	682	2180	NEILSEN	13120805	9	May 14, 2019	0.21	0.21	0.21	100.0%
19000924	318	543	MUNSEY	13132375	2	May 14, 2019	1.04	1.73	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	May 14, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	May 14, 2019	0.20	0.23	0.20	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 14, 2019	3.20	3.20	3.20	100.0%
19010901	459	684	MOORE	13132050	4	May 14, 2019	0.35	0.39	0.35	100.0%
19010901	70	339	MOORE	13132050	4	May 14, 2019	0.12	0.14	0.12	100.0%
19010901	459	340	MOORE	13132050	4	May 14, 2019	0.23	0.26	0.23	100.0%
19010901	433	685	MOORE	13132050	4	May 14, 2019	0.03	0.03	0.03	100.0%
19011001	651	1729	MOORE	13132050	4	May 14, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	May 14, 2019	0.10	0.11	0.10	100.0%
19011001	96	455	MOORE	13132050	4	May 14, 2019	0.20	0.23	0.20	100.0%
19011102	426	1159	ARCO	13132365	2	May 14, 2019	0.37	0.61	0.37	100.0%
19020201	250	1400	UPPER EASTSIDE &	13132101	4	May 14, 2019	0.20	0.23	0.20	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	May 14, 2019	0.20	0.23	0.20	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	May 14, 2019	0.26	0.29	0.26	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 14, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 14, 2019	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	May 14, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	May 14, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	May 14, 2019	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	May 14, 2019	3.00	3.00	3.00	100.0%

19020301	307	676	CHILLY	13121105	9	May 14, 2019	2.40	2.40	2.40	100.0%
19020304	129	2186	CHILLY	13121105	9	May 14, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 14, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 14, 2019	2.70	3.05	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	May 14, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	May 14, 2019	0.30	0.30	0.30	100.0%
19020601	16	1014	MOORE	13132050	4	May 14, 2019	0.92	1.04	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 14, 2019	3.43	3.43	3.43	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	May 14, 2019	2.00	2.00	2.00	100.0%
19020601	682	742	NEILSEN	13120805	9	May 14, 2019	0.30	0.30	0.30	100.0%
19030224	364	953	CHILLY	13121105	9	May 14, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 14, 2019	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	May 14, 2019	1.46	1.65	1.46	100.0%
19040517	170	1052	MOORE	13132050	4	May 14, 2019	1.60	1.81	1.60	100.0%
19040601	139	1148	DARLINGTON	13127735	5	May 14, 2019	0.20	0.23	0.20	100.0%
19040601	338	580	DARLINGTON	13127735	5	May 14, 2019	0.55	0.62	0.55	100.0%
19040601	139	731	DARLINGTON	13127735	5	May 14, 2019	0.60	0.68	0.60	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 14, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 14, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 14, 2019	0.13	0.13	0.13	100.0%
19050501	130	74	NEILSEN	13120805	9	May 14, 2019	1.30	1.30	1.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 14, 2019	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	May 14, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 14, 2019	0.40	0.40	0.40	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 14, 2019	0.82	0.82	0.82	100.0%
19050501	154	2152	NEILSEN	13120805	9	May 14, 2019	0.10	0.10	0.10	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 14, 2019	0.65	0.65	0.65	100.0%
19050501	373	432	CHILLY	13121105	9	May 14, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	May 14, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	May 14, 2019	0.78	0.78	0.78	100.0%
19060501	430	1618	MOORE	13132050	4	May 14, 2019	0.97	1.09	0.97	100.0%
19060501	430	1620	MOORE	13132050	4	May 14, 2019	1.17	1.32	1.17	100.0%
19060501	430	1580	MOORE	13132050	4	May 14, 2019	0.25	0.28	0.25	100.0%
19070501	358	321	NEILSEN	13120805	9	May 14, 2019	0.20	0.20	0.20	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	May 14, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	May 14, 2019	1.37	1.37	1.37	100.0%
19080709	475	1098	BURNETT	13127750	5	May 14, 2019	2.00	2.26	2.00	100.0%
19081207	459	1080	MOORE	13132050	4	May 14, 2019	0.50	0.56	0.50	100.0%
19081207	459	344	MOORE	13132050	4	May 14, 2019	0.33	0.37	0.33	100.0%
19081207	70	343	MOORE	13132050	4	May 14, 2019	0.17	0.19	0.17	100.0%
19090830	575	890	Broken River Pum	13124050	8	May 14, 2019	1.82	1.82	1.82	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 14, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 14, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 14, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 14, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 14, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 14, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	May 14, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	May 14, 2019	0.20	0.20	0.20	100.0%
19121014	403	813	NEILSEN	13120805	9	May 14, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 14, 2019	2.20	2.20	2.20	100.0%
19130517	170	1416	MOORE	13132050	4	May 14, 2019	0.80	0.90	0.80	100.0%
19131224	373	25	CHILLY	13121105	9	May 14, 2019	0.12	0.12	0.12	100.0%
19140601	445	412	NEILSEN	13120805	9	May 14, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	May 14, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	May 14, 2019	0.60	0.60	0.60	100.0%
19160212	682	1054	NEILSEN	13120805	9	May 14, 2019	0.03	0.03	0.03	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 14, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	May 14, 2019	1.71	1.71	1.71	100.0%
19160701	101	1208	NEILSEN	13120805	9	May 14, 2019	2.00	2.00	2.00	100.0%
19170620	307	71	NEILSEN	13120805	9	May 14, 2019	2.16	2.16	2.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 14, 2019	0.02	0.02	0.02	100.0%
19200601	150	217	MUNSEY	13132375	2	May 14, 2019	0.79	1.31	0.79	100.0%
19240806	417	695	MOORE	13132050	4	May 14, 2019	0.50	0.56	0.50	100.0%

19440508	437	737	ARCO	13132365	2	May 14, 2019	1.92	3.19	1.92	100.0%
19600824	430	1619	MOORE	13132050	4	May 14, 2019	0.48	0.54	0.48	100.0%
19600824	430	1579	MOORE	13132050	4	May 14, 2019	0.14	0.16	0.14	100.0%
19600824	430	1617	MOORE	13132050	4	May 14, 2019	0.55	0.62	0.55	100.0%
19740402	150	220	MUNSEY	13132375	2	May 14, 2019	0.02	0.03	0.02	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 14, 2019	15.20	25.26	15.20	100.0%
19810501	566	1684	MOORE	13132050	4	May 14, 2019	0.82	0.92	0.82	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 14, 2019	9969.40	9969.40	173.10	1.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 15, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 15	1020.0	1.5	0.0	1021.5	0.00	1021.5	1.5	0.0	0.0	1020.0	0.0	0.0
9	Howell to Chilly	May 15	763.0	90.3	0.0	-166.7	0.16	854.8	87.4	2.9	0.0	765.9	-2.9	0.0
8	Chilly to Reservoir	* May 15	574.3	44.6	0.0	-144.0	0.19	710.8	39.8	4.8	0.0	582.1	-7.7	0.0
	Connected													
7	Mackay Reservoir	* May 15	441.2	0.0	0.0	0.0	0.00	710.8	300.6		0.0	281.5	159.7	0.0
6	Reservoir to 2B	May 15	435.0	6.2	0.0	0.0	0.00	710.8	4.8	1.4	0.0	276.7	158.3	0.0
5	2B to Leslie	May 15	269.0	146.4	0.0	-19.6	0.05	710.8	84.1	62.3	0.0	180.2	88.8	0.0
4	Leslie to Moore	May 15	153.1	179.3	0.0	63.4	0.00	774.2	140.7	38.6	0.0	102.9	50.2	0.0
2	Moore to blw Munsey	May 15	9.0	85.0	0.0	-59.1	0.39	774.2	63.2	21.8	0.0	0.0	9.0	0.0
1	Blw Munsey to Arco	May 15	10.0	0.0	0.0	1.0	0.00	775.2	0.0	0.0	0.0	1.0	9.0	0.0
								TOTAL	722.0	131.8	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 15	0.0	0.0		20180101	3%
9	Howell to Chilly	May 15	0.0	0.0		20180101	3%
8	Chilly to Reservoir	May 15	0.0	0.0		20180101	3%
	Connected						
7	Mackay Reservoir	May 15	0.0	0.0		20180101	3%
6	Reservoir to 2B	May 15	0.0	0.0		20180101	3%
5	2B to Leslie	May 15	12.5	7.1		20180101	3%
4	Leslie to Moore	May 15	0.0	0.0		20180101	3%
2	Moore to blw Munsey	May 15	39.7	19.4		20180101	3%
1	Blw Munsey to Arco	May 15	0.0	0.0		20180101	3%
	TOTAL		52.2	26.5	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	95.2
2	18810630	1.7	294.0	50.6
3	18880601	3.2	556.5	95.2
4	18960601	6.4	1113.0	190.4
5	19020301	0.8	140.0	23.8
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	4274.4
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	48580.6

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28340.0	28590.0	250.0	126.0	7.1

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	4729.6
Total Storage Loss	-2046.3
Total Storage Deliver	-2740.4
Total Evaporation	-223.0
Accounting Balance	28589.9
Current Res Content	28590.0
Storage Balance Error	-0.1

DAILY STORAGE BALANCE

28340.0	Reservoir Content Previous Day [ac-ft]
28590.0	Reservoir Content Current Day [ac-ft]
250.0	Physical Change in Storage [ac-ft]
596.2	Storage Allocated to Mackay Reservoir [ac-ft]
-70.4	Stored Flow Losses [ac-ft]
-7.1	2B to Leslie [cfs]
0.0	Leslie to Moore [cfs]
-19.4	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-9.0	Past Arco Gage [cfs]
-261.5	Storage Delivered [ac-ft]
7.7	Above Reservoir [cfs]
1.4	Reservoir to 2B [cfs]
62.3	2B to Leslie [cfs]
38.6	Leslie to Moore [cfs]
21.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-14.1	Evaporation [ac-ft]
250.2	Accounting Change in Storage [ac-ft]
0.2	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

574.3	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
63.4	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
1.0	Gain in Reach 1: Munsey to Arco [cfs]
638.7	Total Available Natural Flow [cfs]
300.6	Reservoir Rights Diverted [cfs]
53.2	Natural Flow Losses below Reservoir [cfs]
12.5	2B to Leslie [cfs]
0.0	Leslie to Moore [cfs]
39.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1.0	Natural Flow Past Arco Gage [cfs]
285.1	Natural Flow Delivered [cfs]
-7.7	Above Reservoir Storage Use [cfs]
4.8	Reservoir to 2B [cfs]
84.1	2B to Leslie [cfs]
140.7	Leslie to Moore [cfs]
63.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
638.9	Natural Flow Delivered & Lost [cfs]
-0.2	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	12.0	600
Eastside Felton Wier +	34.0	1700
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	46.0	2300
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.1	205
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	1.2	58
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.1	3
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.3	115
Island Wanstrom David +	0.0	0
Eastside OUT	37.0	1850
Total Out	44.6	2231
Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.97	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 97.0%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 37.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 38.1 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 79.3%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 48.1 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 27.9 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 78.4%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 76.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 15, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	1.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	4.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	1.7	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	6.2	1.4	7.5
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	18.6	2.8	44.5
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	56.5	29.1	219.3
9	NEILSEN	40.6	2.9	61.5	8	Smith Pumps	3.0	0.0	0.0	5	BURNETT	71.3	30.5	430.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	39.0	0.0	0.0	8	Broken River Pum	4.0	0.0	0.0	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	5.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	16.1	7.3	62.9
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	23.8	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	3.4	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	135.3	33.4	1028.7
8	Mtn. Springs 1	0.0	4.0	15.9	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	27.9	3.0	1044.9
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	4.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	33.0	12.5	135.1
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	1.5	0.0	0.0	2	MUNSEY	52.0	9.4	103.7
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	0.0	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	3.4	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 15, 2019	2.03	2.03	2.03	100.0%
18750601	483	12	LONGHURST	13121505	9	May 15, 2019	3.17	3.17	3.17	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 15, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 15, 2019	0.59	0.59	0.59	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 15, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 15, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 15, 2019	1.50	1.50	1.50	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 15, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 15, 2019	3.00	3.00	3.00	100.0%
18830601	645	2057	MOORE	13132050	4	May 15, 2019	0.09	0.09	0.09	95.5%
18830601	566	1778	MOORE	13132050	4	May 15, 2019	0.27	0.29	0.26	95.5%
18830601	221	855	MOORE	13132050	4	May 15, 2019	1.56	1.63	1.49	95.5%
18830601	224	854	MOORE	13132050	4	May 15, 2019	3.20	3.35	3.06	95.5%
18830601	2331	465	MOORE	13132050	4	May 15, 2019	0.79	0.83	0.75	95.5%
18830630	331	1150	MOORE	13132050	4	May 15, 2019	1.13	1.18	1.08	95.5%
18830630	223	1192	MOORE	13132050	4	May 15, 2019	1.72	1.80	1.64	95.5%
18830810	2332	1088	MOORE	13132050	4	May 15, 2019	1.50	1.57	1.43	95.5%
18830810	85	1583	MOORE	13132050	4	May 15, 2019	0.18	0.19	0.17	95.5%
18830810	263	393	MOORE	13132050	4	May 15, 2019	0.18	0.19	0.17	95.5%
18830810	96	449	MOORE	13132050	4	May 15, 2019	0.48	0.50	0.46	95.5%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	May 15, 2019	0.43	0.45	0.41	95.5%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	May 15, 2019	0.21	0.22	0.20	95.5%
18840422	236	30	BECK	13130525	4	May 15, 2019	1.64	1.72	1.57	95.5%
18840422	433	1427	MOORE	13132050	4	May 15, 2019	0.14	0.15	0.13	95.5%
18840422	347	938	SWAUGER	13127600	5	May 15, 2019	1.64	1.72	1.64	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 15, 2019	0.07	0.07	0.07	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 15, 2019	0.78	0.82	0.78	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 15, 2019	1.63	1.71	1.63	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 15, 2019	2.17	2.27	2.17	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 15, 2019	0.86	0.90	0.86	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 15, 2019	0.55	0.58	0.55	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 15, 2019	0.20	0.21	0.20	100.0%
18840422	360	133	BURNETT	13127750	5	May 15, 2019	2.00	2.09	2.00	100.0%
18840422	490	1749	BURNETT	13127750	5	May 15, 2019	0.21	0.22	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	May 15, 2019	0.79	0.83	0.79	100.0%
18840422	347	938	SHARP	13126500	6	May 15, 2019	2.36	2.36	2.36	100.0%
18840422	103	1289	SHARP	13126500	6	May 15, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	May 15, 2019	0.12	0.12	0.12	100.0%
18840430	623	2234	BURNETT	13127750	5	May 15, 2019	0.40	0.42	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	May 15, 2019	1.60	1.68	1.60	100.0%
18840501	501	1324	Zollinger 2	13122990	8	May 15, 2019	3.43	3.43	3.43	100.0%
18840520	433	271	MOORE	13132050	4	May 15, 2019	0.54	0.57	0.52	95.5%
18840520	427	1	MOORE	13132050	4	May 15, 2019	1.18	1.24	1.13	95.5%
18840520	180	470	MOORE	13132050	4	May 15, 2019	0.16	0.17	0.15	95.5%
18840520	96	451	MOORE	13132050	4	May 15, 2019	0.58	0.61	0.55	95.5%
18840520	156	2002	MOORE	13132050	4	May 15, 2019	0.38	0.40	0.36	95.5%
18840520	263	394	MOORE	13132050	4	May 15, 2019	0.22	0.23	0.21	95.5%
18840520	463	1300	MOORE	13132050	4	May 15, 2019	1.60	1.68	1.53	95.5%
18840520	2332	753	MOORE	13132050	4	May 15, 2019	0.42	0.44	0.40	95.5%
18840520	566	1782	MOORE	13132050	4	May 15, 2019	0.78	0.82	0.74	95.5%
18840520	645	2056	MOORE	13132050	4	May 15, 2019	0.30	0.31	0.29	95.5%
18840520	2335	1886	MOORE	13132050	4	May 15, 2019	0.90	0.94	0.86	95.5%
18840520	2333	657	MOORE	13132050	4	May 15, 2019	1.06	1.11	1.01	95.5%
18840520	651	1727	MOORE	13132050	4	May 15, 2019	0.02	0.02	0.02	95.5%
18840520	604	2054	MOORE	13132050	4	May 15, 2019	1.15	1.20	1.10	95.5%
18840520	14	2002	MOORE	13132050	4	May 15, 2019	0.02	0.02	0.02	95.5%
18840520	85	1584	MOORE	13132050	4	May 15, 2019	0.22	0.23	0.21	95.5%
18840520	14	2061	MOORE	13132050	4	May 15, 2019	0.04	0.04	0.04	95.5%
18840520	2331	463	MOORE	13132050	4	May 15, 2019	2.24	2.35	2.14	95.5%

18840520	2332	752	MOORE	13132050	4	May 15, 2019	0.36	0.38	0.34	95.5%
18840520	2331	471	MOORE	13132050	4	May 15, 2019	2.14	2.24	2.04	95.5%
18840531	338	122	DARLINGTON	13127735	5	May 15, 2019	0.72	0.75	0.72	100.0%
18840601	96	453	MOORE	13132050	4	May 15, 2019	0.21	0.22	0.20	95.5%
18840601	85	1544	MOORE	13132050	4	May 15, 2019	0.09	0.09	0.09	95.5%
18840601	359	1012	MOORE	13132050	4	May 15, 2019	1.28	1.34	1.22	95.5%
18840601	85	1545	MOORE	13132050	4	May 15, 2019	0.54	0.57	0.52	95.5%
18840601	263	395	MOORE	13132050	4	May 15, 2019	0.08	0.08	0.08	95.5%
18840601	85	1585	MOORE	13132050	4	May 15, 2019	0.08	0.08	0.08	95.5%
18840601	623	2181	BURNETT	13127750	5	May 15, 2019	0.27	0.28	0.27	100.0%
18840601	623	2182	BURNETT	13127750	5	May 15, 2019	0.40	0.42	0.40	100.0%
18840601	360	693	BURNETT	13127750	5	May 15, 2019	0.80	0.84	0.80	100.0%
18840601	623	2134	BURNETT	13127750	5	May 15, 2019	0.20	0.21	0.20	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 15, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 15, 2019	0.40	0.40	0.40	100.0%
18840715	12	1296	MOORE	13132050	4	May 15, 2019	0.78	0.82	0.74	95.5%
18840715	115	323	MOORE	13132050	4	May 15, 2019	0.78	0.82	0.74	95.5%
18840715	417	1194	MOORE	13132050	4	May 15, 2019	1.20	1.26	1.15	95.5%
18840715	459	798	MOORE	13132050	4	May 15, 2019	0.80	0.84	0.76	95.5%
18840715	133	324	MOORE	13132050	4	May 15, 2019	0.78	0.82	0.74	95.5%
18840715	44	1005	MOORE	13132050	4	May 15, 2019	0.80	0.84	0.76	95.5%
18840715	459	1195	MOORE	13132050	4	May 15, 2019	1.20	1.26	1.15	95.5%
18840731	44	1131	MOORE	13132050	4	May 15, 2019	0.80	0.84	0.76	95.5%
18840731	44	1132	MOORE	13132050	4	May 15, 2019	0.80	0.84	0.76	95.5%
18840731	331	1151	MOORE	13132050	4	May 15, 2019	1.60	1.68	1.53	95.5%
18840831	638	772	UPPER EASTSIDE &	13132101	4	May 15, 2019	0.40	0.42	0.38	95.5%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	May 15, 2019	0.44	0.46	0.42	95.5%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	May 15, 2019	1.31	1.37	1.25	95.5%
18840901	441	1107	MOORE	13132050	4	May 15, 2019	3.20	3.35	3.06	95.5%
18840914	360	68	BURNETT	13127750	5	May 15, 2019	0.80	0.84	0.80	100.0%
18840914	623	2135	BURNETT	13127750	5	May 15, 2019	0.40	0.42	0.40	100.0%
18841012	205	2067	BECK	13130525	4	May 15, 2019	1.76	1.84	1.68	95.5%
18841012	70	341	MOORE	13132050	4	May 15, 2019	0.31	0.32	0.30	95.5%
18841012	459	342	MOORE	13132050	4	May 15, 2019	0.58	0.61	0.55	95.5%
18841012	433	1081	MOORE	13132050	4	May 15, 2019	1.25	1.31	1.19	95.5%
18841012	459	1079	MOORE	13132050	4	May 15, 2019	0.89	0.93	0.85	95.5%
18841012	317	1485	SWAUGER	13127600	5	May 15, 2019	0.81	0.85	0.81	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 15, 2019	1.20	1.26	1.20	100.0%
18841012	347	1974	SWAUGER	13127600	5	May 15, 2019	0.44	0.46	0.44	100.0%
18841012	524	11	SWAUGER	13127600	5	May 15, 2019	2.78	2.91	2.78	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 15, 2019	2.77	2.90	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	May 15, 2019	0.74	0.77	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 15, 2019	3.30	3.46	3.30	100.0%
18841012	347	1974	SHARP	13126500	6	May 15, 2019	0.63	0.63	0.63	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 15, 2019	1.65	1.73	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 15, 2019	0.61	0.64	0.61	100.0%
18850501	426	887	ARCO	13132365	2	May 15, 2019	0.64	1.09	0.64	100.0%
18850501	250	790	UPPER EASTSIDE &	13132101	4	May 15, 2019	1.00	1.05	0.95	95.5%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	May 15, 2019	0.06	0.06	0.06	95.5%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	May 15, 2019	0.24	0.25	0.23	95.5%
18850501	130	1285	NEILSEN	13120805	9	May 15, 2019	2.80	2.80	2.80	100.0%
18850512	250	1402	UPPER EASTSIDE &	13132101	4	May 15, 2019	1.40	1.47	1.34	95.5%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	May 15, 2019	0.20	0.21	0.19	95.5%
18850515	359	1034	MOORE	13132050	4	May 15, 2019	2.32	2.43	2.22	95.5%
18850530	484	1672	BURNETT	13127750	5	May 15, 2019	1.37	1.43	1.37	100.0%
18850530	484	1718	BURNETT	13127750	5	May 15, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	May 15, 2019	0.19	0.20	0.19	100.0%
18850530	484	1713	BURNETT	13127750	5	May 15, 2019	0.11	0.12	0.11	100.0%
18850531	413	1353	MOORE	13132050	4	May 15, 2019	0.04	0.05	0.04	95.5%
18850531	63	1354	MOORE	13132050	4	May 15, 2019	1.56	1.63	1.49	95.5%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	May 15, 2019	2.74	2.87	2.62	95.5%
18850531	411	827	DARLINGTON	13127735	5	May 15, 2019	3.20	3.35	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	May 15, 2019	2.00	2.09	2.00	100.0%
18850601	205	2064	BECK	13130525	4	May 15, 2019	0.59	0.62	0.56	95.5%

18850601	396	1965	DARLINGTON	13127735	5	May 15, 2019	0.40	0.42	0.40	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 15, 2019	2.60	2.72	2.60	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 15, 2019	0.28	0.28	0.28	100.0%
18851002	356	42	ARCO	13132365	2	May 15, 2019	4.50	7.68	4.50	100.0%
18851002	356	82	ARCO	13132365	2	May 15, 2019	3.20	5.46	3.20	100.0%
18851002	437	62	ARCO	13132365	2	May 15, 2019	1.54	2.63	1.54	100.0%
18851002	318	545	MUNSEY	13132375	2	May 15, 2019	0.75	1.28	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	May 15, 2019	0.80	1.36	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 15, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 15, 2019	2.80	2.93	2.67	95.5%
18860501	417	644	MOORE	13132050	4	May 15, 2019	1.20	1.26	0.58	47.9%
18860501	325	101	LOWER EASTSIDE &	13132291	4	May 15, 2019	3.86	4.04	3.86	100.0%
18860512	85	1588	MOORE	13132050	4	May 15, 2019	0.18	0.19	0.18	100.0%
18860512	263	398	MOORE	13132050	4	May 15, 2019	0.18	0.19	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	May 15, 2019	0.01	0.01	0.01	100.0%
18860512	96	459	MOORE	13132050	4	May 15, 2019	0.48	0.50	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	May 15, 2019	1.77	1.85	1.77	100.0%
18860601	16	1009	MOORE	13132050	4	May 15, 2019	2.52	2.64	2.52	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	May 15, 2019	1.60	1.68	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	May 15, 2019	1.24	1.30	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	May 15, 2019	1.60	1.68	1.60	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 15, 2019	0.50	0.50	0.50	100.0%
18860630	604	1710	MOORE	13132050	4	May 15, 2019	0.04	0.04	0.04	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 15, 2019	0.80	0.84	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	May 15, 2019	1.36	1.42	1.36	100.0%
18860721	260	1668	BURNETT	13127750	5	May 15, 2019	2.42	2.53	2.42	100.0%
18860914	490	1795	BURNETT	13127750	5	May 15, 2019	1.26	1.32	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	May 15, 2019	0.34	0.36	0.34	100.0%
18870313	70	337	MOORE	13132050	4	May 15, 2019	0.23	0.24	0.23	100.0%
18870313	433	683	MOORE	13132050	4	May 15, 2019	0.70	0.73	0.70	100.0%
18870313	459	338	MOORE	13132050	4	May 15, 2019	0.42	0.44	0.42	100.0%
18870313	459	682	MOORE	13132050	4	May 15, 2019	0.65	0.68	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	May 15, 2019	0.80	0.84	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 15, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 15, 2019	1.80	1.80	1.80	100.0%
18870601	90	1199	MUNSEY	13132375	2	May 15, 2019	0.50	0.85	0.50	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	May 15, 2019	2.30	2.41	2.30	100.0%
18870601	252	353	DARLINGTON	13127735	5	May 15, 2019	0.43	0.45	0.43	100.0%
18870601	490	1783	BURNETT	13127750	5	May 15, 2019	0.95	0.99	0.95	100.0%
18870601	490	1747	BURNETT	13127750	5	May 15, 2019	0.25	0.26	0.25	100.0%
18870601	483	1270	CHILLY	13121105	9	May 15, 2019	0.94	0.94	0.94	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 15, 2019	1.46	1.46	1.46	100.0%
18870630	236	1428	BECK	13130525	4	May 15, 2019	0.80	0.84	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 15, 2019	0.80	0.84	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	May 15, 2019	0.80	0.84	0.80	100.0%
18870801	623	2203	BURNETT	13127750	5	May 15, 2019	0.53	0.56	0.53	100.0%
18870831	623	2201	BURNETT	13127750	5	May 15, 2019	1.20	1.26	1.20	100.0%
18880401	682	2139	NEILSEN	13120805	9	May 15, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	May 15, 2019	0.33	0.56	0.33	100.0%
18880601	347	1973	SWAUGER	13127600	5	May 15, 2019	0.66	0.69	0.66	100.0%
18880601	347	1973	SHARP	13126500	6	May 15, 2019	0.94	0.94	0.94	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 15, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 15, 2019	0.23	0.23	0.23	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 15, 2019	0.37	0.37	0.37	100.0%
18880601	629	1497	HOWELL	13120490	10	May 15, 2019	1.50	1.50	1.50	100.0%
18880630	236	1430	BECK	13130525	4	May 15, 2019	1.14	1.19	1.14	100.0%
18880630	490	1750	BURNETT	13127750	5	May 15, 2019	0.06	0.06	0.06	100.0%
18880630	490	1826	BURNETT	13127750	5	May 15, 2019	0.24	0.25	0.24	100.0%
18880801	442	750	MUNSEY	13132375	2	May 15, 2019	0.40	0.68	0.40	100.0%
18881101	2610	2095	KENT	13120605	9	May 15, 2019	1.54	1.54	1.54	100.0%
18881101	59	2222	KENT	13120605	9	May 15, 2019	1.66	1.66	1.66	100.0%
18890601	463	1396	MOORE	13132050	4	May 15, 2019	0.20	0.21	0.20	100.0%
18890601	441	205	MOORE	13132050	4	May 15, 2019	0.97	1.02	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	May 15, 2019	0.50	0.52	0.50	100.0%

18890601	475	969	BURNETT	13127750	5	May 15, 2019	1.20	1.26	1.20	100.0%
18890601	490	1748	BURNETT	13127750	5	May 15, 2019	0.25	0.26	0.25	100.0%
18890601	623	2174	BURNETT	13127750	5	May 15, 2019	0.80	0.84	0.80	100.0%
18890601	589	716	BURNETT	13127750	5	May 15, 2019	0.90	0.94	0.90	100.0%
18890601	490	1786	BURNETT	13127750	5	May 15, 2019	0.73	0.76	0.73	100.0%
18900601	426	756	ARCO	13132365	2	May 15, 2019	0.57	0.97	0.57	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 15, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	May 15, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 15, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 15, 2019	1.70	1.70	1.70	100.0%
18910630	205	2065	BECK	13130525	4	May 15, 2019	1.96	2.05	1.96	100.0%
18910630	2332	1255	MOORE	13132050	4	May 15, 2019	0.52	0.54	0.52	100.0%
18910630	2332	1254	MOORE	13132050	4	May 15, 2019	0.48	0.50	0.48	100.0%
18910630	44	1003	MOORE	13132050	4	May 15, 2019	0.76	0.80	0.76	100.0%
18910630	44	1253	MOORE	13132050	4	May 15, 2019	0.76	0.80	0.76	100.0%
18910801	307	77	CHILLY	13121105	9	May 15, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	May 15, 2019	0.70	0.73	0.70	100.0%
18920101	2615	1643	MOORE	13132050	4	May 15, 2019	1.17	1.23	1.17	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 15, 2019	1.50	1.50	1.50	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 15, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 15, 2019	0.22	0.23	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	May 15, 2019	0.30	0.31	0.30	100.0%
18930201	463	1423	MOORE	13132050	4	May 15, 2019	0.30	0.31	0.30	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 15, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	May 15, 2019	0.29	0.29	0.29	100.0%
18931101	59	1279	KENT	13120605	9	May 15, 2019	0.05	0.05	0.05	100.0%
18931101	2610	2096	KENT	13120605	9	May 15, 2019	0.46	0.46	0.46	100.0%
18940310	265	2217	BURNETT	13127750	5	May 15, 2019	2.80	2.93	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 15, 2019	0.44	0.46	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	May 15, 2019	4.46	4.67	4.46	100.0%
18940310	609	1496	CHILLY	13121105	9	May 15, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 15, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 15, 2019	0.80	0.84	0.80	100.0%
18940601	223	1363	MUNSEY	13132375	2	May 15, 2019	3.20	5.46	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 15, 2019	0.15	0.16	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	May 15, 2019	1.90	1.99	1.90	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 15, 2019	0.11	0.12	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	May 15, 2019	1.60	1.68	1.60	100.0%
18940601	632	1724	SHARP	13126500	6	May 15, 2019	0.12	0.12	0.12	100.0%
18940601	307	39	CHILLY	13121105	9	May 15, 2019	1.20	1.20	1.20	100.0%
18940926	252	357	DARLINGTON	13127735	5	May 15, 2019	0.30	0.31	0.30	100.0%
18950501	307	619	NEILSEN	13120805	9	May 15, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	May 15, 2019	0.80	0.84	0.80	100.0%
18950601	417	378	MOORE	13132050	4	May 15, 2019	0.10	0.10	0.10	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	May 15, 2019	0.42	0.44	0.42	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	May 15, 2019	0.40	0.42	0.40	100.0%
18950601	445	410	NEILSEN	13120805	9	May 15, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 15, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	May 15, 2019	3.20	3.35	3.20	100.0%
18950630	265	2218	BURNETT	13127750	5	May 15, 2019	2.62	2.74	2.62	100.0%
18960601	604	1711	MOORE	13132050	4	May 15, 2019	0.09	0.09	0.09	100.0%
18960601	441	207	MOORE	13132050	4	May 15, 2019	0.93	0.97	0.93	100.0%
18960601	263	397	MOORE	13132050	4	May 15, 2019	0.35	0.37	0.35	100.0%
18960601	263	399	MOORE	13132050	4	May 15, 2019	0.27	0.28	0.27	100.0%
18960601	2334	1495	MOORE	13132050	4	May 15, 2019	2.36	2.47	2.36	100.0%
18960601	85	1587	MOORE	13132050	4	May 15, 2019	0.35	0.37	0.35	100.0%
18960601	96	461	MOORE	13132050	4	May 15, 2019	0.73	0.76	0.73	100.0%
18960601	459	993	MOORE	13132050	4	May 15, 2019	0.40	0.42	0.40	100.0%
18960601	96	457	MOORE	13132050	4	May 15, 2019	0.92	0.96	0.92	100.0%
18960601	652	1567	MOORE	13132050	4	May 15, 2019	0.60	0.63	0.60	100.0%
18960601	85	1589	MOORE	13132050	4	May 15, 2019	0.13	0.14	0.13	100.0%
18960601	85	1522	MOORE	13132050	4	May 15, 2019	1.34	1.40	1.34	100.0%
18960601	85	1521	MOORE	13132050	4	May 15, 2019	0.23	0.24	0.23	100.0%
18960601	459	1120	MOORE	13132050	4	May 15, 2019	0.40	0.42	0.40	100.0%

18960601	463	128	MOORE	13132050	4	May 15, 2019	1.60	1.68	1.60	100.0%
18960601	651	1730	MOORE	13132050	4	May 15, 2019	0.03	0.03	0.03	100.0%
18960601	651	1732	MOORE	13132050	4	May 15, 2019	0.02	0.02	0.02	100.0%
18960601	417	992	MOORE	13132050	4	May 15, 2019	1.20	1.26	1.20	100.0%
18960601	417	381	MOORE	13132050	4	May 15, 2019	2.40	2.51	2.40	100.0%
18960601	604	1391	LOWER EASTSIDE &	13132291	4	May 15, 2019	1.16	1.21	1.16	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	May 15, 2019	0.04	0.04	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	May 15, 2019	0.41	0.43	0.41	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	May 15, 2019	0.70	0.73	0.70	100.0%
18960601	252	359	DARLINGTON	13127735	5	May 15, 2019	0.89	0.93	0.89	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 15, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 15, 2019	2.00	3.41	2.00	100.0%
18960801	252	363	DARLINGTON	13127735	5	May 15, 2019	0.82	0.86	0.82	100.0%
18960901	437	671	ARCO	13132365	2	May 15, 2019	0.13	0.22	0.13	100.0%
18960928	90	46	MUNSEY	13132375	2	May 15, 2019	1.00	1.71	1.00	100.0%
18960928	319	1175	MUNSEY	13132375	2	May 15, 2019	0.07	0.11	0.07	100.0%
18960928	150	216	MUNSEY	13132375	2	May 15, 2019	0.03	0.05	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	May 15, 2019	1.97	3.36	1.97	100.0%
18960928	15	80	MUNSEY	13132375	2	May 15, 2019	2.33	3.97	2.33	100.0%
18960928	407	307	MUNSEY	13132375	2	May 15, 2019	0.51	0.87	0.51	100.0%
18960928	442	2158	MUNSEY	13132375	2	May 15, 2019	4.40	7.50	4.40	100.0%
18970510	437	664	ARCO	13132365	2	May 15, 2019	1.74	2.97	1.74	100.0%
18970510	430	641	MOORE	13132050	4	May 15, 2019	0.50	0.52	0.50	100.0%
18970510	411	673	DARLINGTON	13127735	5	May 15, 2019	3.44	3.60	3.44	100.0%
18970510	411	674	DARLINGTON	13127735	5	May 15, 2019	2.80	2.93	2.80	100.0%
18970515	463	686	MOORE	13132050	4	May 15, 2019	1.60	1.68	1.60	100.0%
18970515	604	1877	MOORE	13132050	4	May 15, 2019	1.29	1.35	1.29	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 15, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 15, 2019	1.30	1.36	1.30	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	May 15, 2019	0.13	0.14	0.13	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	May 15, 2019	0.24	0.25	0.24	100.0%
18980601	437	1310	ARCO	13132365	2	May 15, 2019	1.60	2.73	1.60	100.0%
18980601	205	2066	BECK	13130525	4	May 15, 2019	1.05	1.10	1.05	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	May 15, 2019	0.65	0.68	0.65	100.0%
18980901	268	562	ARCO	13132365	2	May 15, 2019	1.57	2.68	1.57	100.0%
18980901	356	818	ARCO	13132365	2	May 15, 2019	1.04	1.77	1.04	100.0%
18990327	566	1830	MOORE	13132050	4	May 15, 2019	0.21	0.22	0.21	100.0%
18990327	604	1876	MOORE	13132050	4	May 15, 2019	0.91	0.95	0.91	100.0%
18990327	604	2055	MOORE	13132050	4	May 15, 2019	0.29	0.30	0.29	100.0%
18990327	2331	469	MOORE	13132050	4	May 15, 2019	0.51	0.53	0.51	100.0%
18990327	433	272	MOORE	13132050	4	May 15, 2019	0.48	0.50	0.48	100.0%
18990327	14	2062	MOORE	13132050	4	May 15, 2019	0.01	0.01	0.01	100.0%
18990327	180	468	MOORE	13132050	4	May 15, 2019	0.05	0.05	0.05	100.0%
18990327	2331	467	MOORE	13132050	4	May 15, 2019	0.60	0.63	0.60	100.0%
18990327	459	1477	MOORE	13132050	4	May 15, 2019	0.01	0.01	0.01	100.0%
18990327	645	2058	MOORE	13132050	4	May 15, 2019	0.08	0.08	0.08	100.0%
18990509	442	1364	MUNSEY	13132375	2	May 15, 2019	1.56	2.66	1.56	100.0%
18990601	180	2110	MOORE	13132050	4	May 15, 2019	0.55	0.58	0.55	100.0%
18990601	140	2071	MOORE	13132050	4	May 15, 2019	0.03	0.03	0.03	100.0%
18990601	360	704	BURNETT	13127750	5	May 15, 2019	0.88	0.92	0.88	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 15, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 15, 2019	2.74	2.74	2.74	100.0%
18991001	682	2180	NEILSEN	13120805	9	May 15, 2019	0.21	0.21	0.21	100.0%
19000924	318	543	MUNSEY	13132375	2	May 15, 2019	1.04	1.77	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	May 15, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	May 15, 2019	0.20	0.21	0.20	100.0%
19010901	319	1512	MUNSEY	13132375	2	May 15, 2019	0.33	0.57	0.33	100.0%
19010901	459	340	MOORE	13132050	4	May 15, 2019	0.23	0.24	0.23	100.0%
19010901	433	685	MOORE	13132050	4	May 15, 2019	0.03	0.03	0.03	100.0%
19010901	459	684	MOORE	13132050	4	May 15, 2019	0.35	0.37	0.35	100.0%
19010901	70	339	MOORE	13132050	4	May 15, 2019	0.12	0.13	0.12	100.0%
19011001	96	455	MOORE	13132050	4	May 15, 2019	0.20	0.21	0.20	100.0%
19011001	263	396	MOORE	13132050	4	May 15, 2019	0.10	0.10	0.10	100.0%
19011001	651	1729	MOORE	13132050	4	May 15, 2019	0.01	0.01	0.01	100.0%

19011102	426	1159	ARCO	13132365	2	May 15, 2019	1.32	2.25	1.32	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	May 15, 2019	0.20	0.21	0.20	100.0%
19020201	250	1400	UPPER EASTSIDE &	13132101	4	May 15, 2019	0.20	0.21	0.20	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	May 15, 2019	0.26	0.27	0.26	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 15, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 15, 2019	0.90	0.90	0.90	100.0%
19020301	307	676	CHILLY	13121105	9	May 15, 2019	2.40	2.40	2.40	100.0%
19020301	373	24	CHILLY	13121105	9	May 15, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 15, 2019	3.00	3.00	3.00	100.0%
19020301	364	952	CHILLY	13121105	9	May 15, 2019	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	May 15, 2019	0.80	0.80	0.80	100.0%
19020304	129	2186	CHILLY	13121105	9	May 15, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 15, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 15, 2019	2.70	2.83	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	May 15, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	May 15, 2019	0.30	0.30	0.30	100.0%
19020601	16	1014	MOORE	13132050	4	May 15, 2019	0.92	0.96	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 15, 2019	3.43	3.43	3.43	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	May 15, 2019	2.00	2.00	2.00	100.0%
19020601	682	742	NEILSEN	13120805	9	May 15, 2019	0.30	0.30	0.30	100.0%
19030224	364	953	CHILLY	13121105	9	May 15, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 15, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	May 15, 2019	1.60	1.68	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	May 15, 2019	1.46	1.53	1.46	100.0%
19040601	338	580	DARLINGTON	13127735	5	May 15, 2019	0.55	0.58	0.55	100.0%
19040601	139	1148	DARLINGTON	13127735	5	May 15, 2019	0.20	0.21	0.20	100.0%
19040601	139	731	DARLINGTON	13127735	5	May 15, 2019	0.60	0.63	0.60	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 15, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 15, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 15, 2019	0.13	0.13	0.13	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 15, 2019	0.82	0.82	0.82	100.0%
19050501	403	811	NEILSEN	13120805	9	May 15, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 15, 2019	0.40	0.40	0.40	100.0%
19050501	130	74	NEILSEN	13120805	9	May 15, 2019	1.30	1.30	1.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 15, 2019	3.00	3.00	3.00	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 15, 2019	0.65	0.65	0.65	100.0%
19050501	154	2152	NEILSEN	13120805	9	May 15, 2019	0.10	0.10	0.10	100.0%
19050501	373	432	CHILLY	13121105	9	May 15, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	May 15, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	May 15, 2019	0.40	0.40	0.40	100.0%
19060501	430	1580	MOORE	13132050	4	May 15, 2019	0.25	0.26	0.25	100.0%
19060501	430	1620	MOORE	13132050	4	May 15, 2019	1.17	1.23	1.17	100.0%
19060501	430	1618	MOORE	13132050	4	May 15, 2019	0.97	1.02	0.97	100.0%
19070501	358	321	NEILSEN	13120805	9	May 15, 2019	0.20	0.20	0.20	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	May 15, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	May 15, 2019	1.37	1.37	1.37	100.0%
19080709	475	1098	BURNETT	13127750	5	May 15, 2019	2.00	2.09	2.00	100.0%
19081207	70	343	MOORE	13132050	4	May 15, 2019	0.17	0.18	0.17	100.0%
19081207	459	344	MOORE	13132050	4	May 15, 2019	0.33	0.35	0.33	100.0%
19081207	459	1080	MOORE	13132050	4	May 15, 2019	0.50	0.52	0.50	100.0%
19090830	575	890	Broken River Pum	13124050	8	May 15, 2019	1.82	1.82	1.82	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 15, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 15, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 15, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 15, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 15, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 15, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	May 15, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	May 15, 2019	0.20	0.20	0.20	100.0%
19121014	403	813	NEILSEN	13120805	9	May 15, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 15, 2019	2.20	2.20	2.20	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	May 15, 2019	0.13	0.14	0.13	100.0%
19130517	170	1416	MOORE	13132050	4	May 15, 2019	0.80	0.84	0.80	100.0%
19131224	373	25	CHILLY	13121105	9	May 15, 2019	0.12	0.12	0.12	100.0%

19140601	154	2163	NEILSEN	13120805	9	May 15, 2019	0.60	0.60	0.60	100.0%
19140601	445	413	NEILSEN	13120805	9	May 15, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	May 15, 2019	0.18	0.18	0.18	100.0%
19150503	90	1091	MUNSEY	13132375	2	May 15, 2019	0.20	0.34	0.20	100.0%
19160212	682	1054	NEILSEN	13120805	9	May 15, 2019	0.03	0.03	0.03	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 15, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	May 15, 2019	1.71	1.71	1.71	100.0%
19160701	101	1208	NEILSEN	13120805	9	May 15, 2019	2.00	2.00	2.00	100.0%
19170620	307	71	NEILSEN	13120805	9	May 15, 2019	2.16	2.16	2.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 15, 2019	0.02	0.02	0.02	100.0%
19200601	150	218	MUNSEY	13132375	2	May 15, 2019	0.01	0.02	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	May 15, 2019	0.79	1.35	0.79	100.0%
19240806	417	695	MOORE	13132050	4	May 15, 2019	0.50	0.52	0.50	100.0%
19440508	437	737	ARCO	13132365	2	May 15, 2019	2.32	3.96	2.32	100.0%
19600824	430	1619	MOORE	13132050	4	May 15, 2019	0.48	0.50	0.48	100.0%
19600824	430	1617	MOORE	13132050	4	May 15, 2019	0.55	0.58	0.55	100.0%
19600824	430	1579	MOORE	13132050	4	May 15, 2019	0.14	0.15	0.14	100.0%
19740402	150	220	MUNSEY	13132375	2	May 15, 2019	0.02	0.03	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 15, 2019	4.40	7.50	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 15, 2019	15.00	25.58	15.00	100.0%
19770529	327	176	MUNSEY	13132375	2	May 15, 2019	1.34	2.29	1.34	100.0%
19810501	566	1684	MOORE	13132050	4	May 15, 2019	0.82	0.86	0.82	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 15, 2019	9969.40	9969.40	285.27	2.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 16, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		May 16	1060.0	1.5	0.0	1061.5	0.00	1061.5	1.5	0.0	0.0	1060.0	0.0	0.0
9	Howell to Chilly		May 16	811.0	90.3	0.0	-158.7	0.15	902.8	87.4	2.9	0.0	813.9	-2.9	0.0
8	Chilly to Reservoir	*	May 16	677.1	45.6	0.0	-88.3	0.11	814.5	37.8	7.8	0.0	687.8	-10.7	0.0
	Connected														
7	Mackay Reservoir	*	May 16	443.1	0.0	0.0	0.0	0.00	814.5	400.5		0.0	287.3	155.7	0.0
6	Reservoir to 2B		May 16	438.0	5.1	0.0	0.0	0.00	814.5	5.1	0.0	0.0	282.3	155.7	0.0
5	2B to Leslie		May 16	273.0	150.5	0.0	-14.5	0.03	814.5	86.6	63.9	0.0	186.3	86.7	0.0
4	Leslie to Moore		May 16	174.4	164.1	0.0	65.5	0.00	880.0	134.4	29.7	0.0	117.4	57.0	0.0
2	Moore to blw Munsey		May 16	14.0	72.4	0.0	-88.0	0.50	880.0	58.2	14.2	0.0	0.0	14.0	0.0
1	Blw Munsey to Arco		May 16	12.2	0.0	0.0	-1.8	0.13	880.0	0.0	0.0	0.0	0.0	12.2	0.0
								TOTAL		811.5	118.5	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 16	0.0	0.0		20180101	4%
9	Howell to Chilly	May 16	0.0	0.0		20180101	4%
8	Chilly to Reservoir	May 16	0.0	0.0		20180101	4%
	Connected						
7	Mackay Reservoir	May 16	0.0	0.0		20180101	4%
6	Reservoir to 2B	May 16	0.0	0.0		20180101	4%
5	2B to Leslie	May 16	9.3	5.2		20180101	4%
4	Leslie to Moore	May 16	0.0	0.0		20180101	4%
2	Moore to blw Munsey	May 16	59.2	28.8		20180101	4%
1	Blw Munsey to Arco	May 16	0.0	1.8		20180101	4%
	TOTAL		68.5	35.7	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	101.6
2	18810630	1.7	294.0	54.0
3	18880601	3.2	556.5	101.6
4	18960601	6.4	1113.0	203.1
5	19020301	0.8	140.0	25.4
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	5038.4
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	49374.9

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28590.0	29040.0	450.0	226.9	7.1

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	5523.9
Total Storage Loss	-2141.5
Total Storage Deliver	-2975.4
Total Evaporation	-237.1
Accounting Balance	29039.9
Current Res Content	29040.0
Storage Balance Error	-0.1

DAILY STORAGE BALANCE

28590.0	Reservoir Content Previous Day [ac-ft]
29040.0	Reservoir Content Current Day [ac-ft]
450.0	Physical Change in Storage [ac-ft]
794.4	Storage Allocated to Mackay Reservoir [ac-ft]
-95.2	Stored Flow Losses [ac-ft]
-5.2	2B to Leslie [cfs]
0.0	Leslie to Moore [cfs]
-28.8	Moore blw Munsey [cfs]
-1.8	blw Munsey to Arco Gage [cfs]
-12.2	Past Arco Gage [cfs]
-235.1	Storage Delivered [ac-ft]
10.7	Above Reservoir [cfs]
0.0	Reservoir to 2B [cfs]
63.9	2B to Leslie [cfs]
29.7	Leslie to Moore [cfs]
14.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-14.2	Evaporation [ac-ft]
449.9	Accounting Change in Storage [ac-ft]
-0.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

677.1	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
65.5	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
742.6	Total Available Natural Flow [cfs]
400.5	Reservoir Rights Diverted [cfs]
68.5	Natural Flow Losses below Reservoir [cfs]
9.3	2B to Leslie [cfs]
0.0	Leslie to Moore [cfs]
59.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
273.6	Natural Flow Delivered [cfs]
-10.7	Above Reservoir Storage Use [cfs]
5.1	Reservoir to 2B [cfs]
86.6	2B to Leslie [cfs]
134.4	Leslie to Moore [cfs]
58.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
742.6	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	13.0	650
Eastside Felton Wier +	37.0	1850
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	50.0	2500
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.1	205
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	1.2	58
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.1	3
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.3	115
Island Wanstrom David +	0.0	0
Eastside OUT	29.0	1450
Total Out	36.6	1831

Abbreviated Reach Delivery Factor 0.73
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 73.2%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 29.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 39.6 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 80.1%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 49.4 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 28.6 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 70.4%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 58.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 16, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	1.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	4.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	1.7	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	5.1	0.0	7.5
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	18.6	3.7	51.9
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	54.4	30.5	279.8
9	NEILSEN	40.6	2.9	67.3	8	Smith Pumps	3.0	3.0	6.0	5	BURNETT	77.5	29.7	489.4
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	39.0	0.0	0.0	8	Broken River Pum	4.0	0.0	0.0	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	5.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	13.0	5.4	73.6
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	25.4	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	3.4	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	7.0	0.0	0.0	8	Freeman Ditch	1.0	0.0	0.0	4	MOORE	122.5	23.8	1075.9
8	Mtn. Springs 1	0.0	4.0	23.8	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	28.6	5.4	1055.6
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	4.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	23.7	5.4	145.7
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	1.5	0.0	0.0	2	MUNSEY	48.7	8.9	121.4
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	0.0	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	3.4	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 16, 2019	2.03	2.03	2.03	100.0%
18750601	483	12	LONGHURST	13121505	9	May 16, 2019	3.17	3.17	3.17	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 16, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 16, 2019	0.59	0.59	0.59	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 16, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 16, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 16, 2019	1.50	1.50	1.50	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 16, 2019	1.20	1.20	1.20	100.0%
18830601	2331	465	MOORE	13132050	4	May 16, 2019	0.79	0.82	0.76	96.7%
18830601	224	854	MOORE	13132050	4	May 16, 2019	3.20	3.31	3.09	96.7%
18830601	645	2057	MOORE	13132050	4	May 16, 2019	0.09	0.09	0.09	96.7%
18830601	566	1778	MOORE	13132050	4	May 16, 2019	0.27	0.28	0.26	96.7%
18830601	106	1082	MOORE	13132050	4	May 16, 2019	1.54	1.59	1.49	96.7%
18830601	221	855	MOORE	13132050	4	May 16, 2019	1.60	1.65	1.55	96.7%
18830630	223	1192	MOORE	13132050	4	May 16, 2019	1.72	1.78	1.66	96.7%
18830630	331	1150	MOORE	13132050	4	May 16, 2019	1.13	1.17	1.09	96.7%
18830810	96	449	MOORE	13132050	4	May 16, 2019	0.48	0.50	0.46	96.7%
18830810	85	1583	MOORE	13132050	4	May 16, 2019	0.18	0.19	0.17	96.7%
18830810	263	393	MOORE	13132050	4	May 16, 2019	0.18	0.19	0.17	96.7%
18830810	2332	1088	MOORE	13132050	4	May 16, 2019	1.50	1.55	1.45	96.7%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	May 16, 2019	0.43	0.44	0.42	96.7%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	May 16, 2019	0.21	0.22	0.20	96.7%
18840422	236	30	BECK	13130525	4	May 16, 2019	1.64	1.70	1.59	96.7%
18840422	433	1427	MOORE	13132050	4	May 16, 2019	0.14	0.14	0.14	96.7%
18840422	347	938	SWAUGER	13127600	5	May 16, 2019	1.46	1.51	1.46	100.0%
18840422	585	951	SWAUGER	13127600	5	May 16, 2019	0.18	0.19	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 16, 2019	0.07	0.07	0.07	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 16, 2019	1.63	1.69	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 16, 2019	0.55	0.57	0.55	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 16, 2019	0.20	0.21	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 16, 2019	0.72	0.74	0.72	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 16, 2019	0.64	0.66	0.64	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 16, 2019	2.17	2.24	2.17	100.0%
18840422	490	1749	BURNETT	13127750	5	May 16, 2019	0.21	0.22	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	May 16, 2019	0.79	0.82	0.79	100.0%
18840422	360	133	BURNETT	13127750	5	May 16, 2019	2.00	2.07	2.00	100.0%
18840422	2525	1903	SHARP	13126500	6	May 16, 2019	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	May 16, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	May 16, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	May 16, 2019	2.54	2.54	2.54	100.0%
18840430	141	1365	BECK	13130525	4	May 16, 2019	1.30	1.34	1.26	96.7%
18840430	360	67	BURNETT	13127750	5	May 16, 2019	1.60	1.65	1.60	100.0%
18840430	73	2020	BURNETT	13127750	5	May 16, 2019	1.23	1.27	1.23	100.0%
18840430	119	1366	BURNETT	13127750	5	May 16, 2019	0.40	0.41	0.40	100.0%
18840430	623	2234	BURNETT	13127750	5	May 16, 2019	0.40	0.41	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	May 16, 2019	0.77	0.80	0.77	100.0%
18840501	501	1324	Zollinger 2	13122990	8	May 16, 2019	3.43	3.43	3.43	100.0%
18840520	96	451	MOORE	13132050	4	May 16, 2019	0.58	0.60	0.56	96.7%
18840520	651	1727	MOORE	13132050	4	May 16, 2019	0.02	0.02	0.02	96.7%
18840520	2333	657	MOORE	13132050	4	May 16, 2019	1.07	1.11	1.03	96.7%
18840520	645	2056	MOORE	13132050	4	May 16, 2019	0.30	0.31	0.29	96.7%
18840520	219	547	MOORE	13132050	4	May 16, 2019	1.15	1.19	1.11	96.7%
18840520	2332	753	MOORE	13132050	4	May 16, 2019	0.42	0.43	0.41	96.7%
18840520	427	1	MOORE	13132050	4	May 16, 2019	1.12	1.16	1.08	96.7%
18840520	2331	471	MOORE	13132050	4	May 16, 2019	2.14	2.21	2.07	96.7%
18840520	180	470	MOORE	13132050	4	May 16, 2019	0.16	0.17	0.15	96.7%
18840520	604	2054	MOORE	13132050	4	May 16, 2019	1.15	1.19	1.11	96.7%
18840520	14	2002	MOORE	13132050	4	May 16, 2019	0.02	0.02	0.02	96.7%
18840520	14	2061	MOORE	13132050	4	May 16, 2019	0.04	0.04	0.04	96.7%

18840520	433	271	MOORE	13132050	4	May 16, 2019	0.54	0.56	0.52	96.7%
18840520	2331	463	MOORE	13132050	4	May 16, 2019	2.24	2.32	2.17	96.7%
18840520	2332	752	MOORE	13132050	4	May 16, 2019	0.36	0.37	0.35	96.7%
18840520	156	2002	MOORE	13132050	4	May 16, 2019	0.38	0.39	0.37	96.7%
18840520	566	1782	MOORE	13132050	4	May 16, 2019	0.78	0.81	0.75	96.7%
18840520	2335	1886	MOORE	13132050	4	May 16, 2019	0.90	0.93	0.87	96.7%
18840520	263	394	MOORE	13132050	4	May 16, 2019	0.22	0.23	0.21	96.7%
18840520	85	1584	MOORE	13132050	4	May 16, 2019	0.22	0.23	0.21	96.7%
18840520	463	1300	MOORE	13132050	4	May 16, 2019	1.60	1.65	1.55	96.7%
18840531	338	122	DARLINGTON	13127735	5	May 16, 2019	0.72	0.74	0.72	100.0%
18840601	263	395	MOORE	13132050	4	May 16, 2019	0.08	0.08	0.08	96.7%
18840601	359	1012	MOORE	13132050	4	May 16, 2019	1.28	1.32	1.24	96.7%
18840601	85	1544	MOORE	13132050	4	May 16, 2019	0.09	0.09	0.09	96.7%
18840601	85	1545	MOORE	13132050	4	May 16, 2019	0.54	0.56	0.52	96.7%
18840601	85	1585	MOORE	13132050	4	May 16, 2019	0.08	0.08	0.08	96.7%
18840601	96	453	MOORE	13132050	4	May 16, 2019	0.21	0.22	0.20	96.7%
18840601	119	56	BURNETT	13127750	5	May 16, 2019	0.73	0.76	0.73	100.0%
18840601	623	2181	BURNETT	13127750	5	May 16, 2019	0.27	0.28	0.27	100.0%
18840601	623	2134	BURNETT	13127750	5	May 16, 2019	0.20	0.21	0.20	100.0%
18840601	623	2182	BURNETT	13127750	5	May 16, 2019	0.40	0.41	0.40	100.0%
18840601	360	693	BURNETT	13127750	5	May 16, 2019	0.80	0.83	0.80	100.0%
18840601	73	2027	BURNETT	13127750	5	May 16, 2019	0.23	0.24	0.23	100.0%
18840601	73	2026	BURNETT	13127750	5	May 16, 2019	0.37	0.38	0.37	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 16, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 16, 2019	0.40	0.40	0.40	100.0%
18840715	44	1005	MOORE	13132050	4	May 16, 2019	0.80	0.83	0.77	96.7%
18840715	12	1296	MOORE	13132050	4	May 16, 2019	0.80	0.83	0.77	96.7%
18840715	459	1195	MOORE	13132050	4	May 16, 2019	1.20	1.24	1.16	96.7%
18840715	459	798	MOORE	13132050	4	May 16, 2019	0.80	0.83	0.77	96.7%
18840715	417	1194	MOORE	13132050	4	May 16, 2019	1.20	1.24	1.16	96.7%
18840715	133	324	MOORE	13132050	4	May 16, 2019	0.80	0.83	0.77	96.7%
18840731	44	1131	MOORE	13132050	4	May 16, 2019	0.80	0.83	0.77	96.7%
18840731	44	1132	MOORE	13132050	4	May 16, 2019	0.80	0.83	0.77	96.7%
18840731	331	1151	MOORE	13132050	4	May 16, 2019	1.60	1.65	1.55	96.7%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	May 16, 2019	1.31	1.35	1.27	96.7%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	May 16, 2019	0.44	0.46	0.43	96.7%
18840831	638	772	UPPER EASTSIDE &	13132101	4	May 16, 2019	0.40	0.41	0.39	96.7%
18840901	441	1107	MOORE	13132050	4	May 16, 2019	3.20	3.31	3.09	96.7%
18840914	623	2135	BURNETT	13127750	5	May 16, 2019	0.40	0.41	0.40	100.0%
18840914	119	696	BURNETT	13127750	5	May 16, 2019	0.40	0.41	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	May 16, 2019	0.80	0.83	0.80	100.0%
18841012	205	2067	BECK	13130525	4	May 16, 2019	1.76	1.82	1.70	96.7%
18841012	433	1081	MOORE	13132050	4	May 16, 2019	1.25	1.29	1.21	96.7%
18841012	70	341	MOORE	13132050	4	May 16, 2019	0.31	0.32	0.30	96.7%
18841012	459	1079	MOORE	13132050	4	May 16, 2019	0.89	0.92	0.86	96.7%
18841012	459	342	MOORE	13132050	4	May 16, 2019	0.58	0.60	0.56	96.7%
18841012	347	1974	SWAUGER	13127600	5	May 16, 2019	0.39	0.40	0.39	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 16, 2019	2.77	2.86	2.77	100.0%
18841012	524	11	SWAUGER	13127600	5	May 16, 2019	2.78	2.88	2.78	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 16, 2019	0.81	0.84	0.81	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 16, 2019	1.20	1.24	1.20	100.0%
18841012	317	385	SWAUGER	13127600	5	May 16, 2019	0.74	0.77	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 16, 2019	3.30	3.41	3.30	100.0%
18841012	347	1974	SHARP	13126500	6	May 16, 2019	0.67	0.67	0.67	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 16, 2019	1.65	1.71	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 16, 2019	0.61	0.63	0.61	100.0%
18850501	426	887	ARCO	13132365	2	May 16, 2019	0.64	1.34	0.64	100.0%
18850501	250	790	UPPER EASTSIDE &	13132101	4	May 16, 2019	1.00	1.03	0.97	96.7%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	May 16, 2019	0.06	0.06	0.06	96.7%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	May 16, 2019	0.24	0.25	0.23	96.7%
18850501	130	1285	NEILSEN	13120805	9	May 16, 2019	2.80	2.80	2.80	100.0%
18850512	250	1402	UPPER EASTSIDE &	13132101	4	May 16, 2019	1.40	1.45	1.35	96.7%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	May 16, 2019	0.20	0.21	0.19	96.7%
18850515	359	1034	MOORE	13132050	4	May 16, 2019	2.34	2.42	2.26	96.7%

18850530	484	1833	BURNETT	13127750	5	May 16, 2019	0.19	0.20	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	May 16, 2019	1.37	1.42	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	May 16, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	May 16, 2019	0.01	0.01	0.01	100.0%
18850531	413	1353	MOORE	13132050	4	May 16, 2019	0.04	0.05	0.04	96.7%
18850531	63	1354	MOORE	13132050	4	May 16, 2019	0.14	0.14	0.14	96.7%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	May 16, 2019	2.74	2.83	2.65	96.7%
18850531	338	2000	DARLINGTON	13127735	5	May 16, 2019	1.74	1.80	1.74	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 16, 2019	3.20	3.31	3.20	100.0%
18850601	205	2064	BECK	13130525	4	May 16, 2019	0.59	0.61	0.57	96.7%
18850601	396	1965	DARLINGTON	13127735	5	May 16, 2019	0.40	0.41	0.40	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 16, 2019	2.60	2.69	2.60	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 16, 2019	0.28	0.28	0.28	100.0%
18851002	356	82	ARCO	13132365	2	May 16, 2019	3.20	6.68	3.20	100.0%
18851002	356	42	ARCO	13132365	2	May 16, 2019	4.50	9.40	4.50	100.0%
18851002	437	62	ARCO	13132365	2	May 16, 2019	1.54	3.22	1.54	100.0%
18851002	318	545	MUNSEY	13132375	2	May 16, 2019	0.75	1.57	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	May 16, 2019	0.80	1.67	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 16, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 16, 2019	2.80	2.90	2.71	96.7%
18860501	417	644	MOORE	13132050	4	May 16, 2019	1.20	1.24	0.32	26.6%
18860501	325	101	LOWER EASTSIDE &	13132291	4	May 16, 2019	3.86	3.99	3.86	100.0%
18860512	651	1731	MOORE	13132050	4	May 16, 2019	0.01	0.01	0.01	100.0%
18860512	96	459	MOORE	13132050	4	May 16, 2019	0.48	0.50	0.48	100.0%
18860512	263	398	MOORE	13132050	4	May 16, 2019	0.18	0.19	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	May 16, 2019	0.18	0.19	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	May 16, 2019	0.43	0.44	0.43	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	May 16, 2019	1.60	1.65	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	May 16, 2019	1.24	1.28	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	May 16, 2019	1.60	1.65	1.60	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 16, 2019	0.50	0.50	0.50	100.0%
18860630	604	1710	MOORE	13132050	4	May 16, 2019	0.04	0.04	0.04	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 16, 2019	0.80	0.83	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	May 16, 2019	1.02	1.05	1.02	100.0%
18860721	260	1668	BURNETT	13127750	5	May 16, 2019	2.16	2.23	2.16	100.0%
18860914	490	1753	BURNETT	13127750	5	May 16, 2019	0.34	0.35	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	May 16, 2019	1.26	1.30	1.26	100.0%
18870313	459	338	MOORE	13132050	4	May 16, 2019	0.42	0.43	0.42	100.0%
18870313	459	682	MOORE	13132050	4	May 16, 2019	0.65	0.67	0.65	100.0%
18870313	433	683	MOORE	13132050	4	May 16, 2019	0.70	0.72	0.70	100.0%
18870313	70	337	MOORE	13132050	4	May 16, 2019	0.23	0.24	0.23	100.0%
18870313	73	2029	BURNETT	13127750	5	May 16, 2019	0.65	0.67	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	May 16, 2019	0.80	0.83	0.80	100.0%
18870313	73	2028	BURNETT	13127750	5	May 16, 2019	1.05	1.09	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 16, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 16, 2019	3.30	3.30	3.30	100.0%
18870601	90	1199	MUNSEY	13132375	2	May 16, 2019	0.50	1.04	0.50	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	May 16, 2019	2.30	2.38	2.30	100.0%
18870601	252	353	DARLINGTON	13127735	5	May 16, 2019	0.43	0.44	0.43	100.0%
18870601	73	2022	BURNETT	13127750	5	May 16, 2019	1.10	1.14	1.10	100.0%
18870601	490	1783	BURNETT	13127750	5	May 16, 2019	0.95	0.98	0.95	100.0%
18870601	490	1747	BURNETT	13127750	5	May 16, 2019	0.25	0.26	0.25	100.0%
18870601	483	1270	CHILLY	13121105	9	May 16, 2019	0.94	0.94	0.94	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 16, 2019	1.46	1.46	1.46	100.0%
18870630	236	1428	BECK	13130525	4	May 16, 2019	0.80	0.83	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 16, 2019	0.80	0.83	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	May 16, 2019	0.80	0.83	0.80	100.0%
18870801	119	1166	BURNETT	13127750	5	May 16, 2019	0.27	0.28	0.27	100.0%
18870801	623	2203	BURNETT	13127750	5	May 16, 2019	0.53	0.55	0.53	100.0%
18870831	623	2201	BURNETT	13127750	5	May 16, 2019	1.20	1.24	1.20	100.0%
18870831	119	1154	BURNETT	13127750	5	May 16, 2019	1.20	1.24	1.20	100.0%
18880401	682	2139	NEILSEN	13120805	9	May 16, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	May 16, 2019	0.33	0.69	0.33	100.0%
18880601	347	1973	SWAUGER	13127600	5	May 16, 2019	0.58	0.60	0.58	100.0%

18880601	347	1973	SHARP	13126500	6	May 16, 2019	1.02	1.02	1.02	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 16, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 16, 2019	0.23	0.23	0.23	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 16, 2019	0.37	0.37	0.37	100.0%
18880601	629	1497	HOWELL	13120490	10	May 16, 2019	1.50	1.50	1.50	100.0%
18880630	236	1430	BECK	13130525	4	May 16, 2019	0.16	0.17	0.16	100.0%
18880630	490	1826	BURNETT	13127750	5	May 16, 2019	0.24	0.25	0.24	100.0%
18880630	490	1750	BURNETT	13127750	5	May 16, 2019	0.06	0.06	0.06	100.0%
18880801	442	750	MUNSEY	13132375	2	May 16, 2019	0.40	0.84	0.40	100.0%
18881101	59	2222	KENT	13120605	9	May 16, 2019	1.66	1.66	1.66	100.0%
18881101	2610	2095	KENT	13120605	9	May 16, 2019	1.54	1.54	1.54	100.0%
18890601	441	205	MOORE	13132050	4	May 16, 2019	0.97	1.00	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	May 16, 2019	0.50	0.52	0.50	100.0%
18890601	463	1396	MOORE	13132050	4	May 16, 2019	0.20	0.21	0.20	100.0%
18890601	623	2174	BURNETT	13127750	5	May 16, 2019	0.80	0.83	0.80	100.0%
18890601	490	1748	BURNETT	13127750	5	May 16, 2019	0.25	0.26	0.25	100.0%
18890601	490	1786	BURNETT	13127750	5	May 16, 2019	0.09	0.09	0.09	100.0%
18890601	475	969	BURNETT	13127750	5	May 16, 2019	1.20	1.24	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	May 16, 2019	0.82	0.85	0.82	100.0%
18890601	119	996	BURNETT	13127750	5	May 16, 2019	0.40	0.41	0.40	100.0%
18900601	426	756	ARCO	13132365	2	May 16, 2019	0.57	1.19	0.57	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	May 16, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 16, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 16, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 16, 2019	1.70	1.70	1.70	100.0%
18910630	205	2065	BECK	13130525	4	May 16, 2019	1.55	1.60	1.55	100.0%
18910630	2332	1255	MOORE	13132050	4	May 16, 2019	0.52	0.54	0.52	100.0%
18910630	2332	1254	MOORE	13132050	4	May 16, 2019	0.48	0.50	0.48	100.0%
18910630	44	1253	MOORE	13132050	4	May 16, 2019	0.80	0.83	0.80	100.0%
18910630	44	1003	MOORE	13132050	4	May 16, 2019	0.76	0.79	0.76	100.0%
18910801	307	77	CHILLY	13121105	9	May 16, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	May 16, 2019	0.74	0.77	0.74	100.0%
18920101	2615	1643	MOORE	13132050	4	May 16, 2019	1.16	1.20	1.16	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 16, 2019	1.50	1.50	1.50	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 16, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 16, 2019	0.22	0.23	0.22	100.0%
18930201	463	1423	MOORE	13132050	4	May 16, 2019	0.30	0.31	0.30	100.0%
18930201	459	1423	MOORE	13132050	4	May 16, 2019	0.30	0.31	0.30	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 16, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	May 16, 2019	0.29	0.29	0.29	100.0%
18931101	59	1279	KENT	13120605	9	May 16, 2019	0.05	0.05	0.05	100.0%
18931101	2610	2096	KENT	13120605	9	May 16, 2019	0.46	0.46	0.46	100.0%
18940310	265	2217	BURNETT	13127750	5	May 16, 2019	2.80	2.90	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	May 16, 2019	3.80	3.93	3.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 16, 2019	0.44	0.46	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	May 16, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 16, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 16, 2019	0.80	0.83	0.80	100.0%
18940601	223	1363	MUNSEY	13132375	2	May 16, 2019	3.20	6.68	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 16, 2019	0.15	0.16	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	May 16, 2019	1.90	1.97	1.90	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 16, 2019	0.11	0.11	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	May 16, 2019	1.60	1.65	1.60	100.0%
18940601	307	39	CHILLY	13121105	9	May 16, 2019	1.20	1.20	1.20	100.0%
18940926	252	357	DARLINGTON	13127735	5	May 16, 2019	0.30	0.31	0.30	100.0%
18950501	307	619	NEILSEN	13120805	9	May 16, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	May 16, 2019	0.80	0.83	0.80	100.0%
18950601	417	378	MOORE	13132050	4	May 16, 2019	0.10	0.10	0.10	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	May 16, 2019	0.40	0.41	0.40	100.0%
18950601	445	410	NEILSEN	13120805	9	May 16, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 16, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	May 16, 2019	3.20	3.31	3.20	100.0%
18950630	265	2218	BURNETT	13127750	5	May 16, 2019	2.62	2.71	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 16, 2019	0.50	0.50	0.50	100.0%

18960601	441	207	MOORE	13132050	4	May 16, 2019	0.99	1.02	0.99	100.0%
18960601	604	1711	MOORE	13132050	4	May 16, 2019	0.09	0.09	0.09	100.0%
18960601	459	1120	MOORE	13132050	4	May 16, 2019	0.40	0.41	0.40	100.0%
18960601	417	992	MOORE	13132050	4	May 16, 2019	1.20	1.24	1.20	100.0%
18960601	459	993	MOORE	13132050	4	May 16, 2019	0.40	0.41	0.40	100.0%
18960601	463	128	MOORE	13132050	4	May 16, 2019	1.60	1.65	1.60	100.0%
18960601	2334	1495	MOORE	13132050	4	May 16, 2019	2.40	2.48	2.40	100.0%
18960601	96	461	MOORE	13132050	4	May 16, 2019	0.73	0.75	0.73	100.0%
18960601	651	1732	MOORE	13132050	4	May 16, 2019	0.02	0.02	0.02	100.0%
18960601	651	1730	MOORE	13132050	4	May 16, 2019	0.03	0.03	0.03	100.0%
18960601	85	1587	MOORE	13132050	4	May 16, 2019	0.35	0.36	0.35	100.0%
18960601	96	457	MOORE	13132050	4	May 16, 2019	0.92	0.95	0.92	100.0%
18960601	85	1521	MOORE	13132050	4	May 16, 2019	0.23	0.24	0.23	100.0%
18960601	85	1589	MOORE	13132050	4	May 16, 2019	0.19	0.20	0.19	100.0%
18960601	263	397	MOORE	13132050	4	May 16, 2019	0.35	0.36	0.35	100.0%
18960601	652	1567	MOORE	13132050	4	May 16, 2019	0.60	0.62	0.60	100.0%
18960601	263	399	MOORE	13132050	4	May 16, 2019	0.27	0.28	0.27	100.0%
18960601	417	381	MOORE	13132050	4	May 16, 2019	2.40	2.48	2.40	100.0%
18960601	85	1522	MOORE	13132050	4	May 16, 2019	1.34	1.39	1.34	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	May 16, 2019	0.41	0.42	0.41	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	May 16, 2019	0.04	0.04	0.04	100.0%
18960601	604	1391	LOWER EASTSIDE &	13132291	4	May 16, 2019	1.16	1.20	1.16	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	May 16, 2019	0.70	0.72	0.70	100.0%
18960601	252	359	DARLINGTON	13127735	5	May 16, 2019	0.77	0.80	0.77	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 16, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 16, 2019	2.00	4.18	2.00	100.0%
18960901	437	671	ARCO	13132365	2	May 16, 2019	0.13	0.27	0.13	100.0%
18960928	442	2158	MUNSEY	13132375	2	May 16, 2019	4.40	9.19	4.40	100.0%
18960928	150	215	MUNSEY	13132375	2	May 16, 2019	1.97	4.11	1.97	100.0%
18960928	319	1175	MUNSEY	13132375	2	May 16, 2019	0.07	0.14	0.07	100.0%
18960928	150	216	MUNSEY	13132375	2	May 16, 2019	0.03	0.06	0.03	100.0%
18960928	15	80	MUNSEY	13132375	2	May 16, 2019	2.30	4.80	2.30	100.0%
18960928	407	307	MUNSEY	13132375	2	May 16, 2019	0.51	1.06	0.51	100.0%
18960928	90	46	MUNSEY	13132375	2	May 16, 2019	1.00	2.09	1.00	100.0%
18970510	437	664	ARCO	13132365	2	May 16, 2019	1.74	3.63	1.74	100.0%
18970510	430	641	MOORE	13132050	4	May 16, 2019	0.50	0.52	0.50	100.0%
18970510	411	673	DARLINGTON	13127735	5	May 16, 2019	3.44	3.56	3.44	100.0%
18970510	411	674	DARLINGTON	13127735	5	May 16, 2019	1.35	1.40	1.35	100.0%
18970515	604	1877	MOORE	13132050	4	May 16, 2019	1.29	1.33	1.29	100.0%
18970515	463	686	MOORE	13132050	4	May 16, 2019	1.60	1.65	1.60	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 16, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 16, 2019	0.52	0.54	0.52	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	May 16, 2019	0.24	0.25	0.24	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	May 16, 2019	0.13	0.13	0.13	100.0%
18980601	437	1310	ARCO	13132365	2	May 16, 2019	1.60	3.34	1.60	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	May 16, 2019	0.65	0.67	0.65	100.0%
18980901	356	818	ARCO	13132365	2	May 16, 2019	1.04	2.17	1.04	100.0%
18980901	268	562	ARCO	13132365	2	May 16, 2019	1.56	3.26	1.56	100.0%
18990327	2331	469	MOORE	13132050	4	May 16, 2019	0.53	0.55	0.53	100.0%
18990327	2331	467	MOORE	13132050	4	May 16, 2019	0.60	0.62	0.60	100.0%
18990327	14	2062	MOORE	13132050	4	May 16, 2019	0.01	0.01	0.01	100.0%
18990327	180	468	MOORE	13132050	4	May 16, 2019	0.05	0.05	0.05	100.0%
18990327	219	549	MOORE	13132050	4	May 16, 2019	0.29	0.30	0.29	100.0%
18990327	459	1477	MOORE	13132050	4	May 16, 2019	0.01	0.01	0.01	100.0%
18990327	566	1830	MOORE	13132050	4	May 16, 2019	0.21	0.22	0.21	100.0%
18990327	604	2055	MOORE	13132050	4	May 16, 2019	0.29	0.30	0.29	100.0%
18990327	604	1876	MOORE	13132050	4	May 16, 2019	0.91	0.94	0.91	100.0%
18990327	433	272	MOORE	13132050	4	May 16, 2019	0.47	0.49	0.47	100.0%
18990327	645	2058	MOORE	13132050	4	May 16, 2019	0.08	0.08	0.08	100.0%
18990509	442	1364	MUNSEY	13132375	2	May 16, 2019	0.80	1.67	0.80	100.0%
18990601	180	2110	MOORE	13132050	4	May 16, 2019	0.67	0.69	0.67	100.0%
18990601	140	2071	MOORE	13132050	4	May 16, 2019	0.03	0.03	0.03	100.0%
18990601	360	704	BURNETT	13127750	5	May 16, 2019	1.04	1.08	1.04	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 16, 2019	0.60	0.60	0.60	100.0%

18990601	307	72	NEILSEN	13120805	9	May 16, 2019	2.74	2.74	2.74	100.0%
18991001	682	2180	NEILSEN	13120805	9	May 16, 2019	0.21	0.21	0.21	100.0%
19000924	318	543	MUNSEY	13132375	2	May 16, 2019	1.04	2.17	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	May 16, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	May 16, 2019	0.20	0.21	0.20	100.0%
19010901	319	1512	MUNSEY	13132375	2	May 16, 2019	0.29	0.61	0.29	100.0%
19010901	70	339	MOORE	13132050	4	May 16, 2019	0.12	0.12	0.12	100.0%
19010901	459	340	MOORE	13132050	4	May 16, 2019	0.23	0.24	0.23	100.0%
19010901	459	684	MOORE	13132050	4	May 16, 2019	0.35	0.36	0.35	100.0%
19011001	96	455	MOORE	13132050	4	May 16, 2019	0.34	0.35	0.34	100.0%
19011001	651	1729	MOORE	13132050	4	May 16, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	May 16, 2019	0.12	0.12	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	May 16, 2019	1.31	2.74	1.31	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	May 16, 2019	0.20	0.21	0.20	100.0%
19020201	250	1400	UPPER EASTSIDE &	13132101	4	May 16, 2019	0.20	0.21	0.20	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	May 16, 2019	0.26	0.27	0.26	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 16, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 16, 2019	0.90	0.90	0.90	100.0%
19020301	307	676	CHILLY	13121105	9	May 16, 2019	2.40	2.40	2.40	100.0%
19020301	373	24	CHILLY	13121105	9	May 16, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	May 16, 2019	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	May 16, 2019	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	May 16, 2019	3.00	3.00	3.00	100.0%
19020304	129	2186	CHILLY	13121105	9	May 16, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 16, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 16, 2019	2.70	2.79	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	May 16, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	May 16, 2019	0.30	0.30	0.30	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 16, 2019	3.43	3.43	3.43	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	May 16, 2019	1.00	1.00	1.00	100.0%
19020601	682	742	NEILSEN	13120805	9	May 16, 2019	0.30	0.30	0.30	100.0%
19030224	364	953	CHILLY	13121105	9	May 16, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 16, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	May 16, 2019	1.60	1.65	1.60	100.0%
19040601	139	1148	DARLINGTON	13127735	5	May 16, 2019	0.18	0.19	0.18	100.0%
19040601	139	731	DARLINGTON	13127735	5	May 16, 2019	0.60	0.62	0.60	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 16, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 16, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 16, 2019	0.13	0.13	0.13	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 16, 2019	0.65	0.65	0.65	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 16, 2019	0.40	0.40	0.40	100.0%
19050501	130	74	NEILSEN	13120805	9	May 16, 2019	1.30	1.30	1.30	100.0%
19050501	403	811	NEILSEN	13120805	9	May 16, 2019	0.30	0.30	0.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 16, 2019	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 16, 2019	0.82	0.82	0.82	100.0%
19050501	154	2152	NEILSEN	13120805	9	May 16, 2019	0.10	0.10	0.10	100.0%
19050501	129	2187	CHILLY	13121105	9	May 16, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	May 16, 2019	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	May 16, 2019	0.58	0.58	0.58	100.0%
19060501	430	1580	MOORE	13132050	4	May 16, 2019	0.25	0.26	0.25	100.0%
19060501	430	1620	MOORE	13132050	4	May 16, 2019	1.17	1.21	1.17	100.0%
19060501	430	1618	MOORE	13132050	4	May 16, 2019	0.97	1.00	0.97	100.0%
19070501	358	321	NEILSEN	13120805	9	May 16, 2019	0.20	0.20	0.20	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	May 16, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	May 16, 2019	1.37	1.37	1.37	100.0%
19080709	475	1098	BURNETT	13127750	5	May 16, 2019	2.00	2.07	2.00	100.0%
19081207	459	1080	MOORE	13132050	4	May 16, 2019	0.50	0.52	0.50	100.0%
19081207	459	344	MOORE	13132050	4	May 16, 2019	0.33	0.34	0.33	100.0%
19081207	70	343	MOORE	13132050	4	May 16, 2019	0.17	0.18	0.17	100.0%
19090830	575	890	Broken River Pum	13124050	8	May 16, 2019	2.00	2.00	1.82	91.0%
19100501	2610	2003	Donahue 1	13122230	8	May 16, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 16, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 16, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 16, 2019	0.78	0.78	0.78	100.0%

19120513	101	1069	NEILSEN	13120805	9	May 16, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 16, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	May 16, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 16, 2019	2.20	2.20	2.20	100.0%
19121014	403	813	NEILSEN	13120805	9	May 16, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	May 16, 2019	0.20	0.20	0.20	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	May 16, 2019	0.13	0.13	0.13	100.0%
19130517	170	1416	MOORE	13132050	4	May 16, 2019	0.80	0.83	0.80	100.0%
19131224	373	25	CHILLY	13121105	9	May 16, 2019	0.12	0.12	0.12	100.0%
19140601	445	412	NEILSEN	13120805	9	May 16, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	May 16, 2019	0.60	0.60	0.60	100.0%
19140601	445	413	NEILSEN	13120805	9	May 16, 2019	0.02	0.02	0.02	100.0%
19160212	682	1054	NEILSEN	13120805	9	May 16, 2019	0.03	0.03	0.03	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 16, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	May 16, 2019	1.71	1.71	1.71	100.0%
19160701	101	1208	NEILSEN	13120805	9	May 16, 2019	2.00	2.00	2.00	100.0%
19170620	307	71	NEILSEN	13120805	9	May 16, 2019	2.16	2.16	2.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 16, 2019	0.02	0.02	0.02	100.0%
19200601	150	217	MUNSEY	13132375	2	May 16, 2019	0.79	1.65	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	May 16, 2019	0.01	0.02	0.01	100.0%
19240806	417	695	MOORE	13132050	4	May 16, 2019	0.50	0.52	0.50	100.0%
19440508	437	737	ARCO	13132365	2	May 16, 2019	0.18	0.38	0.18	100.0%
19600824	430	1619	MOORE	13132050	4	May 16, 2019	0.60	0.62	0.60	100.0%
19600824	430	1579	MOORE	13132050	4	May 16, 2019	0.14	0.14	0.14	100.0%
19600824	430	1617	MOORE	13132050	4	May 16, 2019	0.55	0.57	0.55	100.0%
19740402	150	220	MUNSEY	13132375	2	May 16, 2019	0.02	0.04	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 16, 2019	4.40	9.19	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 16, 2019	13.20	27.56	13.20	100.0%
19770529	327	176	MUNSEY	13132375	2	May 16, 2019	1.34	2.80	1.34	100.0%
19810501	566	1684	MOORE	13132050	4	May 16, 2019	0.82	0.85	0.82	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 16, 2019	9969.40	9969.40	385.19	3.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 17, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 17	1070.0	1.5	0.0	1071.5	0.00	1071.5	1.5	0.0	0.0	1070.0	0.0	0.0
9	Howell to Chilly	May 17	833.0	90.3	0.0	-146.7	0.14	924.8	87.4	2.9	0.0	835.9	-2.9	0.0
8	Chilly to Reservoir	* May 17	781.4	51.8	0.0	0.3	0.00	925.1	46.2	5.6	0.0	790.0	-8.6	0.0
	Connected													
7	Mackay Reservoir	* May 17	445.1	0.0	0.0	0.0	0.00	925.1	553.8		0.0	236.2	208.9	0.0
6	Reservoir to 2B	May 17	440.0	5.1	0.0	0.0	0.00	925.1	5.0	0.1	0.0	231.2	208.8	0.0
5	2B to Leslie	May 17	283.0	89.0	0.0	-68.0	0.15	925.1	60.9	28.1	0.0	134.6	148.4	0.0
4	Leslie to Moore	May 17	184.3	163.2	0.0	64.5	0.00	989.6	135.0	28.2	0.0	64.0	120.2	0.0
2	Moore to blw Munsey	May 17	57.0	39.0	0.0	-88.3	0.48	989.6	33.4	5.6	0.0	0.0	57.0	0.0
1	Blw Munsey to Arco	May 17	34.1	0.0	0.0	-22.9	0.40	989.6	0.0	0.0	0.0	0.0	34.1	0.0
								TOTAL	923.2	70.5	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 17	0.0	0.0		20180101	5%
9	Howell to Chilly	May 17	0.0	0.0		20180101	5%
8	Chilly to Reservoir	May 17	0.0	0.0		20180101	5%
	Connected						
7	Mackay Reservoir	May 17	0.0	0.0		20180101	5%
6	Reservoir to 2B	May 17	0.0	0.0		20180101	5%
5	2B to Leslie	May 17	35.7	32.3		20180101	5%
4	Leslie to Moore	May 17	0.0	0.0		20180101	5%
2	Moore to blw Munsey	May 17	30.7	57.6		20180101	5%
1	Blw Munsey to Arco	May 17	0.0	22.9		20180101	5%
	TOTAL		66.4	112.8	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	107.9
2	18810630	1.7	294.0	57.3
3	18880601	3.2	556.5	107.9
4	18960601	6.4	1113.0	215.8
5	19020301	0.8	140.0	27.0
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	6106.5
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	50473.4

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
29040.0	29700.0	660.0	332.7	3.6

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	6622.4
Total Storage Loss	-2432.9
Total Storage Deliver	-3115.3
Total Evaporation	-244.3
Accounting Balance	29700.0
Current Res Content	29700.0
Storage Balance Error	0.0

DAILY STORAGE BALANCE

```
 29040.0 Reservoir Content Previous Day [ac-ft]
 29700.0 Reservoir Content Current Day [ac-ft]
   660.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------------
          1098.5 Storage Allocated to Mackay Reservoir [ac-ft]

          -291.4 Stored Flow Losses [ac-ft]
                -32.3 2B to Leslie [cfs]
                  0.0 Leslie to Moore [cfs]
                -57.6 Moore blw Munsey [cfs]
                -22.9 blw Munsey to Arco Gage [cfs]
                -34.1 Past Arco Gage [cfs]

          -139.9 Storage Delivered [ac-ft]
                  8.5 Above Reservoir [cfs]
                  0.1 Reservoir to 2B [cfs]
                 28.1 2B to Leslie [cfs]
                 28.2 Leslie to Moore [cfs]
                  5.6 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]

            -7.1 Evaporation [ac-ft]

   660.1 Accounting Change in Storage [ac-ft]
-------------------------------------------------------------
     0.1 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   781.4 Gain in/above Mackay Reservoir [cfs]
     0.0 Gain in Reach 5: 2-B to Leslie [cfs]
    64.5 Gain in Reach 4: Leslie to Moore [cfs]
     0.0 Gain in Reach 2: Moore to Munsey [cfs]
     0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------------
   845.9 Total Available Natural Flow [cfs]
-------------------------------------------------------------
           553.8 Reservoir Rights Diverted [cfs]

            66.4 Natural Flow Losses below Reservoir [cfs]
                35.7 2B to Leslie [cfs]
                 0.0 Leslie to Moore [cfs]
                30.7 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
                 0.0 Natural Flow Past Arco Gage [cfs]

           225.8 Natural Flow Delivered [cfs]
                -8.5 Above Reservoir Storage Use [cfs]
                 5.0 Reservoir to 2B [cfs]
                60.9 2B to Leslie [cfs]
               135.0 Leslie to Moore [cfs]
                33.4 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

   846.0 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------------
    -0.1 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	12.0	600
Eastside Felton Wier +	33.0	1650
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	45.0	2250
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.1	205
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.1	3
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.3	115
Island Wanstrom David +	0.0	0
Eastside OUT	27.0	1350
Total Out	33.5	1673

Abbreviated Reach Delivery Factor | 0.74
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 74.4%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 27.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 36.3 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 73.7%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 49.3 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 28.7 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 66.0%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 54.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 17, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	5.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	1.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	4.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	1.7	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	5.1	0.1	7.7
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	17.5	3.0	57.8
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	44.7	19.1	317.6
9	NEILSEN	40.6	2.9	73.2	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	26.8	6.0	501.4
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	39.0	0.0	0.0	8	Broken River Pum	5.0	0.8	1.6	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	5.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	12.0	5.6	84.6
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	27.0	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	3.4	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	7.0	0.0	0.0	8	Freeman Ditch	1.0	0.0	0.0	4	MOORE	122.5	30.7	1136.8
8	Mtn. Springs 1	0.0	4.0	31.7	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	28.7	4.5	1064.5
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	4.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	0.0	0.0	145.7
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	1.5	0.0	0.0	2	MUNSEY	39.0	5.6	132.5
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	0.0	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	3.4	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 17, 2019	2.03	2.03	2.03	100.0%
18750601	483	12	LONGHURST	13121505	9	May 17, 2019	3.17	3.17	3.17	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 17, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 17, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 17, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 17, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 17, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 17, 2019	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 17, 2019	1.20	1.20	1.20	100.0%
18830601	224	854	MOORE	13132050	4	May 17, 2019	3.20	3.78	2.71	84.5%
18830601	221	855	MOORE	13132050	4	May 17, 2019	1.60	1.89	1.35	84.5%
18830601	645	2057	MOORE	13132050	4	May 17, 2019	0.09	0.11	0.08	84.5%
18830601	566	1778	MOORE	13132050	4	May 17, 2019	0.27	0.32	0.23	84.5%
18830601	106	1082	MOORE	13132050	4	May 17, 2019	1.54	1.82	1.30	84.5%
18830601	2331	465	MOORE	13132050	4	May 17, 2019	0.79	0.93	0.67	84.5%
18830630	223	1192	MOORE	13132050	4	May 17, 2019	1.72	2.03	1.45	84.5%
18830630	331	1150	MOORE	13132050	4	May 17, 2019	1.13	1.34	0.96	84.5%
18830810	85	1583	MOORE	13132050	4	May 17, 2019	0.18	0.21	0.15	84.5%
18830810	96	449	MOORE	13132050	4	May 17, 2019	0.48	0.57	0.41	84.5%
18830810	263	393	MOORE	13132050	4	May 17, 2019	0.18	0.21	0.15	84.5%
18830810	2332	1088	MOORE	13132050	4	May 17, 2019	1.50	1.77	1.27	84.5%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	May 17, 2019	0.21	0.25	0.18	84.5%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	May 17, 2019	0.43	0.51	0.36	84.5%
18840422	236	30	BECK	13130525	4	May 17, 2019	1.64	1.94	1.39	84.5%
18840422	433	1427	MOORE	13132050	4	May 17, 2019	0.14	0.17	0.12	84.5%
18840422	347	938	SWAUGER	13127600	5	May 17, 2019	1.54	1.82	1.54	100.0%
18840422	585	951	SWAUGER	13127600	5	May 17, 2019	0.18	0.21	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 17, 2019	0.07	0.08	0.07	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 17, 2019	0.55	0.65	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 17, 2019	1.63	1.93	1.63	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 17, 2019	0.52	0.62	0.52	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 17, 2019	2.17	2.57	2.17	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 17, 2019	0.58	0.69	0.58	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 17, 2019	0.20	0.24	0.20	100.0%
18840422	360	133	BURNETT	13127750	5	May 17, 2019	2.00	2.37	2.00	100.0%
18840422	490	1749	BURNETT	13127750	5	May 17, 2019	0.21	0.25	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	May 17, 2019	0.79	0.93	0.79	100.0%
18840422	347	938	SHARP	13126500	6	May 17, 2019	2.46	2.46	2.46	100.0%
18840422	2525	1903	SHARP	13126500	6	May 17, 2019	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	May 17, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	May 17, 2019	0.12	0.12	0.12	100.0%
18840430	141	1365	BECK	13130525	4	May 17, 2019	1.20	1.42	1.01	84.5%
18840430	360	67	BURNETT	13127750	5	May 17, 2019	1.20	1.42	1.20	100.0%
18840430	119	1366	BURNETT	13127750	5	May 17, 2019	0.40	0.47	0.40	100.0%
18840430	73	2020	BURNETT	13127750	5	May 17, 2019	1.23	1.45	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	May 17, 2019	0.77	0.91	0.77	100.0%
18840430	623	2234	BURNETT	13127750	5	May 17, 2019	0.40	0.47	0.40	100.0%
18840501	501	1324	Zollinger 2	13122990	8	May 17, 2019	3.43	3.43	3.43	100.0%
18840520	14	2002	MOORE	13132050	4	May 17, 2019	0.02	0.02	0.02	84.5%
18840520	14	2061	MOORE	13132050	4	May 17, 2019	0.04	0.05	0.03	84.5%
18840520	651	1727	MOORE	13132050	4	May 17, 2019	0.02	0.02	0.02	84.5%
18840520	645	2056	MOORE	13132050	4	May 17, 2019	0.30	0.35	0.25	84.5%
18840520	604	2054	MOORE	13132050	4	May 17, 2019	1.15	1.36	0.97	84.5%
18840520	219	547	MOORE	13132050	4	May 17, 2019	1.15	1.36	0.97	84.5%
18840520	566	1782	MOORE	13132050	4	May 17, 2019	0.78	0.92	0.66	84.5%
18840520	2331	463	MOORE	13132050	4	May 17, 2019	2.24	2.65	1.89	84.5%
18840520	156	2002	MOORE	13132050	4	May 17, 2019	0.38	0.45	0.32	84.5%
18840520	85	1584	MOORE	13132050	4	May 17, 2019	0.22	0.26	0.19	84.5%
18840520	263	394	MOORE	13132050	4	May 17, 2019	0.22	0.26	0.19	84.5%

18840520	180	470	MOORE	13132050	4	May 17, 2019	0.16	0.19	0.14	84.5%
18840520	2332	752	MOORE	13132050	4	May 17, 2019	0.36	0.43	0.30	84.5%
18840520	427	1	MOORE	13132050	4	May 17, 2019	1.12	1.32	0.95	84.5%
18840520	96	451	MOORE	13132050	4	May 17, 2019	0.58	0.69	0.49	84.5%
18840520	2333	657	MOORE	13132050	4	May 17, 2019	1.07	1.27	0.90	84.5%
18840520	2331	471	MOORE	13132050	4	May 17, 2019	2.14	2.53	1.81	84.5%
18840520	463	1300	MOORE	13132050	4	May 17, 2019	1.60	1.89	1.35	84.5%
18840520	2335	1886	MOORE	13132050	4	May 17, 2019	0.90	1.06	0.76	84.5%
18840520	433	271	MOORE	13132050	4	May 17, 2019	0.54	0.64	0.46	84.5%
18840520	2332	753	MOORE	13132050	4	May 17, 2019	0.42	0.50	0.36	84.5%
18840531	338	122	DARLINGTON	13127735	5	May 17, 2019	0.72	0.85	0.72	100.0%
18840601	85	1544	MOORE	13132050	4	May 17, 2019	0.09	0.11	0.08	84.5%
18840601	263	395	MOORE	13132050	4	May 17, 2019	0.08	0.09	0.07	84.5%
18840601	359	1012	MOORE	13132050	4	May 17, 2019	1.28	1.51	1.08	84.5%
18840601	85	1585	MOORE	13132050	4	May 17, 2019	0.08	0.09	0.07	84.5%
18840601	85	1545	MOORE	13132050	4	May 17, 2019	0.54	0.64	0.46	84.5%
18840601	96	453	MOORE	13132050	4	May 17, 2019	0.21	0.25	0.18	84.5%
18840601	623	2134	BURNETT	13127750	5	May 17, 2019	0.20	0.24	0.20	100.0%
18840601	119	56	BURNETT	13127750	5	May 17, 2019	0.73	0.87	0.73	100.0%
18840601	623	2182	BURNETT	13127750	5	May 17, 2019	0.40	0.47	0.40	100.0%
18840601	623	2181	BURNETT	13127750	5	May 17, 2019	0.27	0.31	0.27	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 17, 2019	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 17, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 17, 2019	0.40	0.40	0.40	100.0%
18840715	12	1296	MOORE	13132050	4	May 17, 2019	0.80	0.95	0.68	84.5%
18840715	133	324	MOORE	13132050	4	May 17, 2019	0.80	0.95	0.68	84.5%
18840715	459	1195	MOORE	13132050	4	May 17, 2019	1.20	1.42	1.01	84.5%
18840715	459	798	MOORE	13132050	4	May 17, 2019	0.80	0.95	0.68	84.5%
18840715	417	1194	MOORE	13132050	4	May 17, 2019	1.20	1.42	1.01	84.5%
18840715	44	1005	MOORE	13132050	4	May 17, 2019	0.80	0.95	0.68	84.5%
18840731	44	1132	MOORE	13132050	4	May 17, 2019	0.80	0.95	0.68	84.5%
18840731	44	1131	MOORE	13132050	4	May 17, 2019	0.80	0.95	0.68	84.5%
18840731	331	1151	MOORE	13132050	4	May 17, 2019	1.60	1.89	1.35	84.5%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	May 17, 2019	1.31	1.55	1.11	84.5%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	May 17, 2019	0.44	0.52	0.37	84.5%
18840831	638	772	UPPER EASTSIDE &	13132101	4	May 17, 2019	0.40	0.47	0.34	84.5%
18840901	441	1107	MOORE	13132050	4	May 17, 2019	3.20	3.78	2.71	84.5%
18840914	623	2135	BURNETT	13127750	5	May 17, 2019	0.33	0.40	0.33	100.0%
18840914	119	696	BURNETT	13127750	5	May 17, 2019	0.40	0.47	0.40	100.0%
18841012	205	2067	BECK	13130525	4	May 17, 2019	1.76	2.08	1.49	84.5%
18841012	459	342	MOORE	13132050	4	May 17, 2019	0.58	0.69	0.49	84.5%
18841012	70	341	MOORE	13132050	4	May 17, 2019	0.31	0.37	0.26	84.5%
18841012	459	1079	MOORE	13132050	4	May 17, 2019	0.89	1.05	0.75	84.5%
18841012	433	1081	MOORE	13132050	4	May 17, 2019	1.25	1.48	1.06	84.5%
18841012	317	385	SWAUGER	13127600	5	May 17, 2019	0.74	0.88	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 17, 2019	3.30	3.90	3.30	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 17, 2019	1.20	1.42	1.20	100.0%
18841012	524	11	SWAUGER	13127600	5	May 17, 2019	2.78	3.29	2.78	100.0%
18841012	347	1974	SWAUGER	13127600	5	May 17, 2019	0.41	0.48	0.41	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 17, 2019	0.81	0.96	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 17, 2019	2.77	3.28	2.77	100.0%
18841012	347	1974	SHARP	13126500	6	May 17, 2019	0.65	0.65	0.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 17, 2019	0.61	0.72	0.61	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 17, 2019	1.65	1.95	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 17, 2019	2.00	2.37	2.00	100.0%
18850501	250	790	UPPER EASTSIDE &	13132101	4	May 17, 2019	1.00	1.18	0.85	84.5%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	May 17, 2019	0.24	0.28	0.20	84.5%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	May 17, 2019	0.08	0.09	0.07	84.5%
18850501	130	1285	NEILSEN	13120805	9	May 17, 2019	2.80	2.80	2.80	100.0%
18850512	250	1402	UPPER EASTSIDE &	13132101	4	May 17, 2019	1.40	1.66	1.18	84.5%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	May 17, 2019	0.20	0.24	0.17	84.5%
18850515	359	1034	MOORE	13132050	4	May 17, 2019	2.34	2.77	1.98	84.5%
18850530	484	1672	BURNETT	13127750	5	May 17, 2019	1.00	1.18	1.00	100.0%
18850531	63	1354	MOORE	13132050	4	May 17, 2019	0.14	0.17	0.12	84.5%

18850531	413	1353	MOORE	13132050	4	May 17, 2019	0.04	0.05	0.04	84.5%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	May 17, 2019	3.20	3.78	2.71	84.5%
18850531	338	2000	DARLINGTON	13127735	5	May 17, 2019	0.92	1.09	0.92	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 17, 2019	3.20	3.78	3.20	100.0%
18850601	205	2064	BECK	13130525	4	May 17, 2019	0.59	0.70	0.50	84.5%
18850601	139	728	DARLINGTON	13127735	5	May 17, 2019	2.60	3.08	2.60	100.0%
18850601	396	1965	DARLINGTON	13127735	5	May 17, 2019	0.40	0.47	0.40	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 17, 2019	0.28	0.28	0.28	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 17, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	May 17, 2019	1.20	1.42	1.01	84.5%
18860501	417	1050	MOORE	13132050	4	May 17, 2019	2.80	3.31	1.70	60.7%
18860501	325	101	LOWER EASTSIDE &	13132291	4	May 17, 2019	4.58	5.42	4.58	100.0%
18860512	651	1731	MOORE	13132050	4	May 17, 2019	0.01	0.01	0.01	100.0%
18860512	85	1588	MOORE	13132050	4	May 17, 2019	0.18	0.21	0.18	100.0%
18860512	263	398	MOORE	13132050	4	May 17, 2019	0.18	0.21	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 17, 2019	0.48	0.57	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	May 17, 2019	0.67	0.79	0.67	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	May 17, 2019	1.24	1.47	1.24	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	May 17, 2019	1.60	1.89	1.60	100.0%
18860601	357	1288	BURNETT	13127750	5	May 17, 2019	1.60	1.89	1.60	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 17, 2019	0.50	0.50	0.50	100.0%
18860630	604	1710	MOORE	13132050	4	May 17, 2019	0.04	0.05	0.04	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 17, 2019	0.94	1.11	0.94	100.0%
18860721	260	1668	BURNETT	13127750	5	May 17, 2019	1.20	1.42	1.20	100.0%
18860914	490	1795	BURNETT	13127750	5	May 17, 2019	0.60	0.71	0.60	100.0%
18860914	490	1753	BURNETT	13127750	5	May 17, 2019	0.34	0.40	0.34	100.0%
18870313	459	338	MOORE	13132050	4	May 17, 2019	0.42	0.50	0.42	100.0%
18870313	70	337	MOORE	13132050	4	May 17, 2019	0.23	0.27	0.23	100.0%
18870313	433	683	MOORE	13132050	4	May 17, 2019	0.70	0.83	0.70	100.0%
18870313	459	682	MOORE	13132050	4	May 17, 2019	0.65	0.77	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 17, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 17, 2019	3.30	3.30	3.30	100.0%
18870601	90	1199	MUNSEY	13132375	2	May 17, 2019	0.50	1.14	0.50	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	May 17, 2019	2.70	3.19	2.70	100.0%
18870601	252	353	DARLINGTON	13127735	5	May 17, 2019	0.43	0.51	0.43	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 17, 2019	0.20	0.20	0.20	100.0%
18870601	483	1270	CHILLY	13121105	9	May 17, 2019	0.94	0.94	0.94	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 17, 2019	1.46	1.46	1.46	100.0%
18870630	236	1428	BECK	13130525	4	May 17, 2019	0.76	0.90	0.76	100.0%
18870630	323	945	BURNETT	13127750	5	May 17, 2019	0.60	0.71	0.60	100.0%
18870801	119	1166	BURNETT	13127750	5	May 17, 2019	0.27	0.31	0.27	100.0%
18880401	682	2139	NEILSEN	13120805	9	May 17, 2019	0.20	0.20	0.20	100.0%
18880601	347	1973	SWAUGER	13127600	5	May 17, 2019	0.55	0.66	0.55	100.0%
18880601	347	1973	SHARP	13126500	6	May 17, 2019	0.89	0.89	0.89	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 17, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 17, 2019	0.23	0.23	0.23	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 17, 2019	0.37	0.37	0.37	100.0%
18880601	629	1497	HOWELL	13120490	10	May 17, 2019	1.50	1.50	1.50	100.0%
18880801	442	750	MUNSEY	13132375	2	May 17, 2019	0.40	0.91	0.40	100.0%
18881101	59	2222	KENT	13120605	9	May 17, 2019	1.66	1.66	1.66	100.0%
18881101	2610	2095	KENT	13120605	9	May 17, 2019	1.54	1.54	1.54	100.0%
18890601	463	1396	MOORE	13132050	4	May 17, 2019	0.20	0.24	0.20	100.0%
18890601	441	205	MOORE	13132050	4	May 17, 2019	0.97	1.15	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	May 17, 2019	0.50	0.59	0.50	100.0%
18890601	475	969	BURNETT	13127750	5	May 17, 2019	1.20	1.42	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	May 17, 2019	0.30	0.35	0.30	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	May 17, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 17, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 17, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 17, 2019	1.70	1.70	1.70	100.0%
18910630	205	2065	BECK	13130525	4	May 17, 2019	1.27	1.50	1.27	100.0%
18910630	44	1253	MOORE	13132050	4	May 17, 2019	0.80	0.95	0.80	100.0%
18910630	2332	1255	MOORE	13132050	4	May 17, 2019	0.52	0.62	0.52	100.0%
18910630	44	1003	MOORE	13132050	4	May 17, 2019	0.76	0.90	0.76	100.0%

18910630	2332	1254	MOORE	13132050	4	May 17, 2019	0.48	0.57	0.48	100.0%
18910801	307	77	CHILLY	13121105	9	May 17, 2019	5.20	5.20	5.20	100.0%
18920101	2615	1643	MOORE	13132050	4	May 17, 2019	1.16	1.37	1.16	100.0%
18920101	394	1607	MOORE	13132050	4	May 17, 2019	0.74	0.88	0.74	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 17, 2019	1.50	1.50	1.50	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 17, 2019	1.45	1.45	1.45	100.0%
18930201	463	1423	MOORE	13132050	4	May 17, 2019	0.30	0.35	0.30	100.0%
18930201	417	380	MOORE	13132050	4	May 17, 2019	0.22	0.26	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	May 17, 2019	0.30	0.35	0.30	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 17, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	May 17, 2019	0.46	0.46	0.46	100.0%
18931101	59	1279	KENT	13120605	9	May 17, 2019	0.05	0.05	0.05	100.0%
18931101	59	2223	KENT	13120605	9	May 17, 2019	0.29	0.29	0.29	100.0%
18940310	357	15	BURNETT	13127750	5	May 17, 2019	0.40	0.47	0.40	100.0%
18940310	475	989	BURNETT	13127750	5	May 17, 2019	0.44	0.52	0.44	100.0%
18940310	265	2217	BURNETT	13127750	5	May 17, 2019	2.80	3.31	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	May 17, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 17, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 17, 2019	0.80	0.95	0.80	100.0%
18940601	417	379	MOORE	13132050	4	May 17, 2019	0.15	0.18	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	May 17, 2019	2.46	2.91	2.46	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 17, 2019	0.01	0.01	0.01	100.0%
18940601	2525	1904	SHARP	13126500	6	May 17, 2019	0.06	0.06	0.06	100.0%
18940601	632	1724	SHARP	13126500	6	May 17, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	May 17, 2019	1.20	1.20	1.20	100.0%
18940926	252	357	DARLINGTON	13127735	5	May 17, 2019	0.30	0.35	0.30	100.0%
18950501	307	619	NEILSEN	13120805	9	May 17, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	May 17, 2019	0.72	0.85	0.72	100.0%
18950601	417	378	MOORE	13132050	4	May 17, 2019	0.10	0.12	0.10	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	May 17, 2019	0.40	0.47	0.40	100.0%
18950601	445	411	NEILSEN	13120805	9	May 17, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 17, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	May 17, 2019	3.20	3.78	3.20	100.0%
18950630	265	2218	BURNETT	13127750	5	May 17, 2019	0.52	0.62	0.52	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 17, 2019	0.50	0.50	0.50	100.0%
18960601	441	207	MOORE	13132050	4	May 17, 2019	0.99	1.17	0.99	100.0%
18960601	651	1732	MOORE	13132050	4	May 17, 2019	0.02	0.02	0.02	100.0%
18960601	604	1711	MOORE	13132050	4	May 17, 2019	0.09	0.11	0.09	100.0%
18960601	96	461	MOORE	13132050	4	May 17, 2019	0.73	0.86	0.73	100.0%
18960601	651	1730	MOORE	13132050	4	May 17, 2019	0.03	0.04	0.03	100.0%
18960601	96	457	MOORE	13132050	4	May 17, 2019	0.92	1.09	0.92	100.0%
18960601	417	381	MOORE	13132050	4	May 17, 2019	2.40	2.84	2.40	100.0%
18960601	459	993	MOORE	13132050	4	May 17, 2019	0.40	0.47	0.40	100.0%
18960601	459	1120	MOORE	13132050	4	May 17, 2019	0.40	0.47	0.40	100.0%
18960601	263	397	MOORE	13132050	4	May 17, 2019	0.35	0.41	0.35	100.0%
18960601	463	128	MOORE	13132050	4	May 17, 2019	1.60	1.89	1.60	100.0%
18960601	85	1522	MOORE	13132050	4	May 17, 2019	1.34	1.58	1.34	100.0%
18960601	417	992	MOORE	13132050	4	May 17, 2019	1.20	1.42	1.20	100.0%
18960601	652	1567	MOORE	13132050	4	May 17, 2019	0.60	0.71	0.60	100.0%
18960601	263	399	MOORE	13132050	4	May 17, 2019	0.27	0.32	0.27	100.0%
18960601	85	1587	MOORE	13132050	4	May 17, 2019	0.35	0.41	0.35	100.0%
18960601	2334	1495	MOORE	13132050	4	May 17, 2019	2.40	2.84	2.40	100.0%
18960601	85	1521	MOORE	13132050	4	May 17, 2019	0.23	0.27	0.23	100.0%
18960601	85	1589	MOORE	13132050	4	May 17, 2019	0.19	0.22	0.19	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	May 17, 2019	0.04	0.04	0.04	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	May 17, 2019	0.70	0.83	0.70	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	May 17, 2019	0.41	0.48	0.41	100.0%
18960601	252	359	DARLINGTON	13127735	5	May 17, 2019	0.01	0.01	0.01	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 17, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 17, 2019	2.00	4.54	2.00	100.0%
18960928	407	307	MUNSEY	13132375	2	May 17, 2019	0.51	1.16	0.51	100.0%
18960928	90	46	MUNSEY	13132375	2	May 17, 2019	1.00	2.27	1.00	100.0%
18960928	150	215	MUNSEY	13132375	2	May 17, 2019	1.97	4.47	1.97	100.0%
18960928	442	2158	MUNSEY	13132375	2	May 17, 2019	4.40	9.99	4.40	100.0%

18960928	150	216	MUNSEY	13132375	2	May 17, 2019	0.03	0.07	0.03	100.0%
18970510	430	641	MOORE	13132050	4	May 17, 2019	0.50	0.59	0.50	100.0%
18970510	411	673	DARLINGTON	13127735	5	May 17, 2019	3.09	3.65	3.09	100.0%
18970510	47	92	DARLINGTON	13127735	5	May 17, 2019	3.88	4.59	3.88	100.0%
18970515	604	1877	MOORE	13132050	4	May 17, 2019	1.29	1.53	1.29	100.0%
18970515	463	686	MOORE	13132050	4	May 17, 2019	1.60	1.89	1.60	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 17, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 17, 2019	0.16	0.19	0.16	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	May 17, 2019	0.13	0.15	0.13	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	May 17, 2019	0.24	0.28	0.24	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	May 17, 2019	0.65	0.77	0.65	100.0%
18990327	14	2062	MOORE	13132050	4	May 17, 2019	0.01	0.01	0.01	100.0%
18990327	459	1477	MOORE	13132050	4	May 17, 2019	0.01	0.01	0.01	100.0%
18990327	219	549	MOORE	13132050	4	May 17, 2019	0.29	0.34	0.29	100.0%
18990327	645	2058	MOORE	13132050	4	May 17, 2019	0.08	0.09	0.08	100.0%
18990327	433	272	MOORE	13132050	4	May 17, 2019	0.47	0.56	0.47	100.0%
18990327	604	2055	MOORE	13132050	4	May 17, 2019	0.29	0.34	0.29	100.0%
18990327	566	1830	MOORE	13132050	4	May 17, 2019	0.21	0.25	0.21	100.0%
18990327	2331	469	MOORE	13132050	4	May 17, 2019	0.53	0.63	0.53	100.0%
18990327	2331	467	MOORE	13132050	4	May 17, 2019	0.60	0.71	0.60	100.0%
18990327	604	1876	MOORE	13132050	4	May 17, 2019	0.91	1.08	0.91	100.0%
18990509	442	1364	MUNSEY	13132375	2	May 17, 2019	2.02	4.59	2.02	100.0%
18990601	140	2071	MOORE	13132050	4	May 17, 2019	0.03	0.04	0.03	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 17, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 17, 2019	2.74	2.74	2.74	100.0%
18991001	682	2180	NEILSEN	13120805	9	May 17, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	May 17, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	May 17, 2019	0.20	0.24	0.20	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 17, 2019	3.20	3.20	3.20	100.0%
19010901	70	339	MOORE	13132050	4	May 17, 2019	0.12	0.14	0.12	100.0%
19010901	459	340	MOORE	13132050	4	May 17, 2019	0.23	0.27	0.23	100.0%
19010901	459	684	MOORE	13132050	4	May 17, 2019	0.35	0.41	0.35	100.0%
19011001	263	396	MOORE	13132050	4	May 17, 2019	0.12	0.14	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	May 17, 2019	0.01	0.01	0.01	100.0%
19011001	96	455	MOORE	13132050	4	May 17, 2019	0.34	0.40	0.34	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	May 17, 2019	0.20	0.24	0.20	100.0%
19020201	250	1400	UPPER EASTSIDE &	13132101	4	May 17, 2019	0.20	0.24	0.20	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	May 17, 2019	0.88	1.04	0.88	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 17, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 17, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	May 17, 2019	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	May 17, 2019	3.00	3.00	3.00	100.0%
19020301	307	676	CHILLY	13121105	9	May 17, 2019	2.40	2.40	2.40	100.0%
19020301	373	24	CHILLY	13121105	9	May 17, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	May 17, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	May 17, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 17, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 17, 2019	2.70	3.19	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	May 17, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	May 17, 2019	0.30	0.30	0.30	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 17, 2019	3.43	3.43	3.43	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	May 17, 2019	1.00	1.00	1.00	100.0%
19020601	682	742	NEILSEN	13120805	9	May 17, 2019	0.30	0.30	0.30	100.0%
19030224	364	953	CHILLY	13121105	9	May 17, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 17, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	May 17, 2019	1.60	1.89	1.60	100.0%
19040601	139	731	DARLINGTON	13127735	5	May 17, 2019	0.14	0.17	0.14	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 17, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 17, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 17, 2019	0.13	0.13	0.13	100.0%
19050501	130	74	NEILSEN	13120805	9	May 17, 2019	1.30	1.30	1.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 17, 2019	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 17, 2019	0.82	0.82	0.82	100.0%
19050501	154	2152	NEILSEN	13120805	9	May 17, 2019	0.10	0.10	0.10	100.0%

19050501	101	1204	NEILSEN	13120805	9	May 17, 2019	0.65	0.65	0.65	100.0%
19050501	403	811	NEILSEN	13120805	9	May 17, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 17, 2019	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	May 17, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	May 17, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	May 17, 2019	0.40	0.40	0.40	100.0%
19060501	430	1618	MOORE	13132050	4	May 17, 2019	0.97	1.15	0.97	100.0%
19060501	430	1620	MOORE	13132050	4	May 17, 2019	1.17	1.38	1.17	100.0%
19060501	430	1580	MOORE	13132050	4	May 17, 2019	0.25	0.30	0.25	100.0%
19070501	358	321	NEILSEN	13120805	9	May 17, 2019	0.20	0.20	0.20	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	May 17, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	May 17, 2019	1.37	1.37	1.37	100.0%
19080709	475	1098	BURNETT	13127750	5	May 17, 2019	0.16	0.19	0.16	100.0%
19081207	459	1080	MOORE	13132050	4	May 17, 2019	0.50	0.59	0.50	100.0%
19081207	70	343	MOORE	13132050	4	May 17, 2019	0.17	0.20	0.17	100.0%
19081207	459	344	MOORE	13132050	4	May 17, 2019	0.33	0.39	0.33	100.0%
19090719	2338	1295	UPPER EASTSIDE &	13132101	4	May 17, 2019	0.02	0.02	0.02	100.0%
19090830	575	890	Broken River Pum	13124050	8	May 17, 2019	2.00	2.00	2.00	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 17, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 17, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 17, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 17, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 17, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	May 17, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 17, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	May 17, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	May 17, 2019	0.20	0.20	0.20	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 17, 2019	2.20	2.20	2.20	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	May 17, 2019	0.13	0.15	0.13	100.0%
19130517	170	1416	MOORE	13132050	4	May 17, 2019	0.80	0.95	0.80	100.0%
19131224	373	25	CHILLY	13121105	9	May 17, 2019	0.12	0.12	0.12	100.0%
19140601	445	413	NEILSEN	13120805	9	May 17, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	May 17, 2019	0.60	0.60	0.60	100.0%
19140601	445	412	NEILSEN	13120805	9	May 17, 2019	0.18	0.18	0.18	100.0%
19150503	90	1091	MUNSEY	13132375	2	May 17, 2019	0.32	0.73	0.32	100.0%
19160212	682	1054	NEILSEN	13120805	9	May 17, 2019	0.03	0.03	0.03	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 17, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	May 17, 2019	1.71	1.71	1.71	100.0%
19160701	101	1208	NEILSEN	13120805	9	May 17, 2019	2.00	2.00	2.00	100.0%
19170620	307	71	NEILSEN	13120805	9	May 17, 2019	2.16	2.16	2.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 17, 2019	0.02	0.02	0.02	100.0%
19200601	150	217	MUNSEY	13132375	2	May 17, 2019	0.79	1.79	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	May 17, 2019	0.01	0.02	0.01	100.0%
19240806	417	695	MOORE	13132050	4	May 17, 2019	0.50	0.59	0.50	100.0%
19600824	430	1619	MOORE	13132050	4	May 17, 2019	0.60	0.71	0.60	100.0%
19600824	430	1617	MOORE	13132050	4	May 17, 2019	0.55	0.65	0.55	100.0%
19600824	430	1579	MOORE	13132050	4	May 17, 2019	0.14	0.17	0.14	100.0%
19740402	150	220	MUNSEY	13132375	2	May 17, 2019	0.02	0.05	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 17, 2019	4.40	9.99	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 17, 2019	13.66	31.01	13.66	100.0%
19770529	327	176	MUNSEY	13132375	2	May 17, 2019	1.34	3.04	1.34	100.0%
19810501	566	1684	MOORE	13132050	4	May 17, 2019	0.82	0.97	0.82	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 17, 2019	9969.40	9969.40	538.52	5.4%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 18, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 18	916.0	1.5	0.0	917.5	0.00	917.5	1.5	0.0	0.0	916.0	0.0	0.0
9	Howell to Chilly	May 18	738.0	90.3	0.0	-87.7	0.10	829.8	87.4	2.9	0.0	740.9	-2.9	0.0
8	Chilly to Reservoir	* May 18	761.6	51.8	0.0	75.4	0.00	905.2	46.2	5.6	0.0	770.1	-8.6	0.0
	Connected													
7	Mackay Reservoir	* May 18	449.1	0.0	0.0	0.0	0.00	905.2	596.7		0.0	173.4	275.6	0.0
6	Reservoir to 2B	May 18	444.0	5.1	0.0	0.0	0.00	905.2	5.0	0.1	0.0	168.5	275.5	0.0
5	2B to Leslie	May 18	287.0	94.8	0.0	-62.2	0.14	905.2	49.8	45.0	0.0	95.1	191.9	0.0
4	Leslie to Moore	May 18	180.5	177.6	0.0	71.1	0.00	976.3	107.5	70.1	0.0	58.7	121.8	0.0
2	Moore to blw Munsey	May 18	58.0	39.0	0.0	-83.5	0.46	976.3	31.6	7.5	0.0	0.0	58.0	0.0
1	Blw Munsey to Arco	May 18	46.4	0.0	0.0	-11.6	0.20	976.3	0.0	0.0	0.0	0.0	46.4	0.0
							TOTAL		925.5	131.2	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 18	0.0	0.0		20180101	6%
9	Howell to Chilly	May 18	0.0	0.0		20180101	6%
8	Chilly to Reservoir	May 18	0.0	0.0		20180101	6%
	Connected						
7	Mackay Reservoir	May 18	0.0	0.0		20180101	6%
6	Reservoir to 2B	May 18	0.0	0.0		20180101	6%
5	2B to Leslie	May 18	23.6	38.6		20180101	6%
4	Leslie to Moore	May 18	0.0	0.0		20180101	6%
2	Moore to blw Munsey	May 18	27.2	56.4		20180101	6%
1	Blw Munsey to Arco	May 18	0.0	11.6		20180101	6%
	TOTAL		50.8	106.6	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	114.2
2	18810630	1.7	294.0	60.7
3	18880601	3.2	556.5	114.2
4	18960601	6.4	1113.0	228.5
5	19020301	0.8	140.0	28.6
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	7259.7
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	51657.0

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
29700.0	30310.0	610.0	307.5	4.9

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	7806.0
Total Storage Loss	-2736.4
Total Storage Deliver	-3375.5
Total Evaporation	-254.1
Accounting Balance	30310.0
Current Res Content	30310.0
Storage Balance Error	0.0

DAILY STORAGE BALANCE

```
 29700.0 Reservoir Content Previous Day [ac-ft]
 30310.0 Reservoir Content Current Day [ac-ft]
   610.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------------
          1183.5 Storage Allocated to Mackay Reservoir [ac-ft]

          -303.5 Stored Flow Losses [ac-ft]
                -38.6 2B to Leslie [cfs]
                  0.0 Leslie to Moore [cfs]
                -56.4 Moore blw Munsey [cfs]
                -11.6 blw Munsey to Arco Gage [cfs]
                -46.4 Past Arco Gage [cfs]

          -260.1 Storage Delivered [ac-ft]
                  8.5 Above Reservoir [cfs]
                  0.1 Reservoir to 2B [cfs]
                 45.0 2B to Leslie [cfs]
                 70.1 Leslie to Moore [cfs]
                  7.5 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]

            -9.8 Evaporation [ac-ft]

   610.1 Accounting Change in Storage [ac-ft]
-------------------------------------------------------------
     0.1 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   761.6 Gain in/above Mackay Reservoir [cfs]
     0.0 Gain in Reach 5: 2-B to Leslie [cfs]
    71.1 Gain in Reach 4: Leslie to Moore [cfs]
     0.0 Gain in Reach 2: Moore to Munsey [cfs]
     0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------------
   832.7 Total Available Natural Flow [cfs]
-------------------------------------------------------------
           596.7 Reservoir Rights Diverted [cfs]

            50.8 Natural Flow Losses below Reservoir [cfs]
                23.6 2B to Leslie [cfs]
                 0.0 Leslie to Moore [cfs]
                27.2 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
                 0.0 Natural Flow Past Arco Gage [cfs]

           185.4 Natural Flow Delivered [cfs]
                -8.5 Above Reservoir Storage Use [cfs]
                 5.0 Reservoir to 2B [cfs]
                49.8 2B to Leslie [cfs]
               107.5 Leslie to Moore [cfs]
                31.6 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

   832.9 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------------
    -0.2 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.0	400
Eastside Felton Wier +	26.0	1300
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	34.0	1700
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.1	205
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.1	3
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.3	115
Island Wanstrom David +	0.0	0
Eastside OUT	12.0	600
Total Out	18.5	923
Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.54	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 54.3%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 12.0 cfs
Step 4 - River at Weirs	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 22.1 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 58.9%
Step 6 - River at Eastside In	River at Weirs --- Upper Reach Delivery Factor	= 37.5 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 41.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 45.7%
Step 9 - Eastside River Delivery Factor	River at Eastside Out --- River at Eastside In	= 32.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 18, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	5.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	1.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	4.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	1.7	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	5.1	0.1	7.9
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	16.7	12.0	81.6
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	49.3	25.0	367.3
9	NEILSEN	40.6	2.9	79.0	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	28.8	8.0	517.2
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	39.0	0.0	0.0	8	Broken River Pum	5.0	0.8	3.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	5.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	7.0	3.0	90.6
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	28.6	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	3.4	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	7.0	0.0	0.0	8	Freeman Ditch	1.0	0.0	0.0	4	MOORE	129.1	60.1	1255.9
8	Mtn. Springs 1	0.0	4.0	39.7	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	41.5	18.7	1101.6
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	4.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	0.0	0.0	145.7
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	1.5	0.0	0.0	2	MUNSEY	39.0	7.5	147.3
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	0.0	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	3.4	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 18, 2019	2.03	2.03	2.03	100.0%
18750601	483	12	LONGHURST	13121505	9	May 18, 2019	3.17	3.17	3.17	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 18, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 18, 2019	0.59	0.59	0.59	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 18, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 18, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 18, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 18, 2019	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 18, 2019	1.20	1.20	1.20	100.0%
18830601	221	855	MOORE	13132050	4	May 18, 2019	1.60	1.86	1.38	86.0%
18830601	2331	465	MOORE	13132050	4	May 18, 2019	0.79	0.92	0.68	86.0%
18830601	106	1082	MOORE	13132050	4	May 18, 2019	1.54	1.79	1.32	86.0%
18830601	566	1778	MOORE	13132050	4	May 18, 2019	0.27	0.32	0.23	86.0%
18830630	223	1192	MOORE	13132050	4	May 18, 2019	1.73	2.01	1.49	86.0%
18830810	263	393	MOORE	13132050	4	May 18, 2019	0.18	0.21	0.15	86.0%
18830810	96	449	MOORE	13132050	4	May 18, 2019	0.48	0.56	0.41	86.0%
18830810	2332	1088	MOORE	13132050	4	May 18, 2019	1.08	1.26	0.93	86.0%
18830810	85	1583	MOORE	13132050	4	May 18, 2019	0.18	0.21	0.15	86.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	May 18, 2019	0.43	0.50	0.37	86.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	May 18, 2019	0.21	0.25	0.18	86.0%
18840422	236	30	BECK	13130525	4	May 18, 2019	1.64	1.91	1.41	86.0%
18840422	433	1427	MOORE	13132050	4	May 18, 2019	0.14	0.16	0.12	86.0%
18840422	585	951	SWAUGER	13127600	5	May 18, 2019	0.18	0.21	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 18, 2019	0.07	0.08	0.07	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 18, 2019	2.17	2.52	2.17	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 18, 2019	0.58	0.67	0.58	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 18, 2019	0.20	0.23	0.20	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 18, 2019	0.55	0.64	0.55	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 18, 2019	0.52	0.60	0.52	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 18, 2019	1.63	1.90	1.63	100.0%
18840422	360	133	BURNETT	13127750	5	May 18, 2019	2.00	2.33	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	May 18, 2019	1.92	2.23	1.92	100.0%
18840422	632	2077	SHARP	13126500	6	May 18, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	May 18, 2019	4.00	4.00	4.00	100.0%
18840422	103	1289	SHARP	13126500	6	May 18, 2019	0.64	0.64	0.64	100.0%
18840422	2525	1903	SHARP	13126500	6	May 18, 2019	0.08	0.08	0.08	100.0%
18840430	141	1365	BECK	13130525	4	May 18, 2019	1.16	1.35	1.00	86.0%
18840430	119	1366	BURNETT	13127750	5	May 18, 2019	0.40	0.47	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	May 18, 2019	1.20	1.40	1.20	100.0%
18840430	623	2234	BURNETT	13127750	5	May 18, 2019	0.40	0.47	0.40	100.0%
18840501	501	1324	Zollinger 2	13122990	8	May 18, 2019	3.43	3.43	3.43	100.0%
18840520	2331	463	MOORE	13132050	4	May 18, 2019	2.17	2.52	1.87	86.0%
18840520	2333	657	MOORE	13132050	4	May 18, 2019	1.07	1.24	0.92	86.0%
18840520	651	1727	MOORE	13132050	4	May 18, 2019	0.02	0.02	0.02	86.0%
18840520	180	470	MOORE	13132050	4	May 18, 2019	0.16	0.19	0.14	86.0%
18840520	219	547	MOORE	13132050	4	May 18, 2019	1.15	1.34	0.99	86.0%
18840520	263	394	MOORE	13132050	4	May 18, 2019	0.22	0.26	0.19	86.0%
18840520	427	1	MOORE	13132050	4	May 18, 2019	1.46	1.70	1.26	86.0%
18840520	463	1300	MOORE	13132050	4	May 18, 2019	1.60	1.86	1.38	86.0%
18840520	566	1782	MOORE	13132050	4	May 18, 2019	0.78	0.91	0.67	86.0%
18840520	156	2002	MOORE	13132050	4	May 18, 2019	0.38	0.44	0.33	86.0%
18840520	604	2054	MOORE	13132050	4	May 18, 2019	1.15	1.34	0.99	86.0%
18840520	433	271	MOORE	13132050	4	May 18, 2019	0.54	0.63	0.46	86.0%
18840520	85	1584	MOORE	13132050	4	May 18, 2019	0.22	0.26	0.19	86.0%
18840520	2335	1886	MOORE	13132050	4	May 18, 2019	0.82	0.95	0.71	86.0%
18840520	96	451	MOORE	13132050	4	May 18, 2019	0.58	0.67	0.50	86.0%
18840531	338	122	DARLINGTON	13127735	5	May 18, 2019	0.58	0.67	0.58	100.0%
18840601	359	1012	MOORE	13132050	4	May 18, 2019	1.28	1.49	1.10	86.0%
18840601	96	453	MOORE	13132050	4	May 18, 2019	0.21	0.24	0.18	86.0%

18840601	85	1544	MOORE	13132050	4	May 18, 2019	0.09	0.10	0.08	86.0%
18840601	85	1545	MOORE	13132050	4	May 18, 2019	0.54	0.63	0.46	86.0%
18840601	85	1585	MOORE	13132050	4	May 18, 2019	0.08	0.09	0.07	86.0%
18840601	263	395	MOORE	13132050	4	May 18, 2019	0.08	0.09	0.07	86.0%
18840601	623	2134	BURNETT	13127750	5	May 18, 2019	0.20	0.23	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	May 18, 2019	0.27	0.31	0.27	100.0%
18840601	623	2182	BURNETT	13127750	5	May 18, 2019	0.40	0.47	0.40	100.0%
18840601	119	56	BURNETT	13127750	5	May 18, 2019	0.73	0.85	0.73	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 18, 2019	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 18, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 18, 2019	0.80	0.80	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	May 18, 2019	1.20	1.40	1.03	86.0%
18840715	417	1194	MOORE	13132050	4	May 18, 2019	1.20	1.40	1.03	86.0%
18840715	44	1005	MOORE	13132050	4	May 18, 2019	0.80	0.93	0.69	86.0%
18840715	133	324	MOORE	13132050	4	May 18, 2019	0.80	0.93	0.69	86.0%
18840715	12	1296	MOORE	13132050	4	May 18, 2019	0.80	0.93	0.69	86.0%
18840715	459	798	MOORE	13132050	4	May 18, 2019	0.80	0.93	0.69	86.0%
18840731	44	1131	MOORE	13132050	4	May 18, 2019	0.80	0.93	0.69	86.0%
18840731	44	1132	MOORE	13132050	4	May 18, 2019	0.80	0.93	0.69	86.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	May 18, 2019	0.44	0.51	0.38	86.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	May 18, 2019	0.40	0.47	0.34	86.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	May 18, 2019	1.31	1.52	1.13	86.0%
18840901	441	1107	MOORE	13132050	4	May 18, 2019	3.20	3.72	2.75	86.0%
18840914	623	2135	BURNETT	13127750	5	May 18, 2019	0.33	0.39	0.33	100.0%
18840914	119	696	BURNETT	13127750	5	May 18, 2019	0.40	0.47	0.40	100.0%
18841012	205	2067	BECK	13130525	4	May 18, 2019	1.74	2.02	1.50	86.0%
18841012	459	1079	MOORE	13132050	4	May 18, 2019	0.89	1.03	0.77	86.0%
18841012	459	342	MOORE	13132050	4	May 18, 2019	0.58	0.67	0.50	86.0%
18841012	433	1081	MOORE	13132050	4	May 18, 2019	1.25	1.45	1.07	86.0%
18841012	317	1485	SWAUGER	13127600	5	May 18, 2019	0.81	0.94	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 18, 2019	2.77	3.22	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	May 18, 2019	0.74	0.86	0.74	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 18, 2019	2.00	2.33	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 18, 2019	1.65	1.92	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 18, 2019	0.61	0.71	0.61	100.0%
18850501	250	790	UPPER EASTSIDE &	13132101	4	May 18, 2019	1.00	1.16	0.86	86.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	May 18, 2019	0.08	0.09	0.07	86.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	May 18, 2019	0.24	0.28	0.21	86.0%
18850501	130	1285	NEILSEN	13120805	9	May 18, 2019	2.80	2.80	2.80	100.0%
18850512	250	1402	UPPER EASTSIDE &	13132101	4	May 18, 2019	1.40	1.63	1.20	86.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	May 18, 2019	0.20	0.23	0.17	86.0%
18850515	359	1034	MOORE	13132050	4	May 18, 2019	1.60	1.86	1.38	86.0%
18850530	484	1672	BURNETT	13127750	5	May 18, 2019	1.00	1.16	1.00	100.0%
18850531	413	1353	MOORE	13132050	4	May 18, 2019	0.04	0.05	0.04	86.0%
18850531	63	1354	MOORE	13132050	4	May 18, 2019	0.22	0.26	0.19	86.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	May 18, 2019	3.20	3.72	2.75	86.0%
18850531	411	827	DARLINGTON	13127735	5	May 18, 2019	3.20	3.72	3.20	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 18, 2019	2.60	3.02	2.60	100.0%
18850601	396	1965	DARLINGTON	13127735	5	May 18, 2019	0.40	0.47	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	May 18, 2019	1.54	1.79	1.54	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 18, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 18, 2019	0.54	0.63	0.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 18, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 18, 2019	2.80	3.26	2.41	86.0%
18860501	417	644	MOORE	13132050	4	May 18, 2019	1.20	1.40	1.03	86.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	May 18, 2019	4.58	5.33	3.94	86.0%
18860512	96	459	MOORE	13132050	4	May 18, 2019	0.48	0.56	0.41	86.0%
18860512	85	1588	MOORE	13132050	4	May 18, 2019	0.18	0.21	0.15	86.0%
18860512	263	398	MOORE	13132050	4	May 18, 2019	0.18	0.21	0.15	86.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	May 18, 2019	0.67	0.78	0.58	86.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	May 18, 2019	1.24	1.44	1.07	86.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	May 18, 2019	1.60	1.86	1.38	86.0%
18860601	357	1288	BURNETT	13127750	5	May 18, 2019	1.60	1.86	1.60	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 18, 2019	0.50	0.50	0.50	100.0%

18860630	604	1710	MOORE	13132050	4	May 18, 2019	0.04	0.05	0.03	86.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 18, 2019	0.94	1.09	0.81	86.0%
18860721	260	1668	BURNETT	13127750	5	May 18, 2019	1.20	1.40	1.20	100.0%
18870313	459	682	MOORE	13132050	4	May 18, 2019	0.65	0.76	0.56	86.0%
18870313	433	683	MOORE	13132050	4	May 18, 2019	0.70	0.81	0.60	86.0%
18870313	459	338	MOORE	13132050	4	May 18, 2019	0.42	0.49	0.36	86.0%
18870401	403	1058	NEILSEN	13120805	9	May 18, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 18, 2019	3.30	3.30	3.30	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	May 18, 2019	2.70	3.14	2.32	86.0%
18870601	252	353	DARLINGTON	13127735	5	May 18, 2019	0.43	0.50	0.43	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 18, 2019	0.20	0.20	0.20	100.0%
18870601	483	1270	CHILLY	13121105	9	May 18, 2019	0.94	0.94	0.94	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 18, 2019	1.46	1.46	1.46	100.0%
18870630	236	1428	BECK	13130525	4	May 18, 2019	0.10	0.12	0.09	86.0%
18870630	323	945	BURNETT	13127750	5	May 18, 2019	0.60	0.70	0.60	100.0%
18870801	119	1166	BURNETT	13127750	5	May 18, 2019	0.27	0.31	0.27	100.0%
18880401	682	2139	NEILSEN	13120805	9	May 18, 2019	0.20	0.20	0.20	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 18, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 18, 2019	0.23	0.23	0.23	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 18, 2019	0.37	0.37	0.37	100.0%
18880601	629	1497	HOWELL	13120490	10	May 18, 2019	1.50	1.50	1.50	100.0%
18880801	442	750	MUNSEY	13132375	2	May 18, 2019	0.40	0.87	0.40	100.0%
18881101	59	2222	KENT	13120605	9	May 18, 2019	1.66	1.66	1.66	100.0%
18881101	2610	2095	KENT	13120605	9	May 18, 2019	1.54	1.54	1.54	100.0%
18890601	441	205	MOORE	13132050	4	May 18, 2019	0.97	1.13	0.83	86.0%
18890601	652	1566	MOORE	13132050	4	May 18, 2019	0.50	0.58	0.43	86.0%
18890601	463	1396	MOORE	13132050	4	May 18, 2019	0.20	0.23	0.12	59.5%
18890601	589	716	BURNETT	13127750	5	May 18, 2019	0.30	0.35	0.30	100.0%
18890601	475	969	BURNETT	13127750	5	May 18, 2019	1.20	1.40	1.20	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 18, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	May 18, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 18, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 18, 2019	1.70	1.70	1.70	100.0%
18910630	44	1253	MOORE	13132050	4	May 18, 2019	0.80	0.93	0.80	100.0%
18910630	44	1003	MOORE	13132050	4	May 18, 2019	0.76	0.88	0.76	100.0%
18910801	307	77	CHILLY	13121105	9	May 18, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 18, 2019	1.50	1.50	1.50	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 18, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 18, 2019	0.22	0.26	0.22	100.0%
18930201	463	1423	MOORE	13132050	4	May 18, 2019	0.30	0.35	0.30	100.0%
18930201	459	1423	MOORE	13132050	4	May 18, 2019	0.30	0.35	0.30	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 18, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	May 18, 2019	0.05	0.05	0.05	100.0%
18931101	59	2223	KENT	13120605	9	May 18, 2019	0.29	0.29	0.29	100.0%
18931101	2610	2096	KENT	13120605	9	May 18, 2019	0.46	0.46	0.46	100.0%
18940310	357	15	BURNETT	13127750	5	May 18, 2019	0.40	0.47	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	May 18, 2019	2.80	3.26	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 18, 2019	0.44	0.51	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	May 18, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 18, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 18, 2019	0.80	0.93	0.80	100.0%
18940601	417	379	MOORE	13132050	4	May 18, 2019	0.15	0.17	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	May 18, 2019	2.46	2.86	2.46	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 18, 2019	0.11	0.13	0.11	100.0%
18940601	632	1724	SHARP	13126500	6	May 18, 2019	0.08	0.08	0.08	100.0%
18940601	2525	1904	SHARP	13126500	6	May 18, 2019	0.06	0.06	0.06	100.0%
18940601	307	39	CHILLY	13121105	9	May 18, 2019	1.20	1.20	1.20	100.0%
18940926	252	357	DARLINGTON	13127735	5	May 18, 2019	0.27	0.31	0.27	100.0%
18950501	307	619	NEILSEN	13120805	9	May 18, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	May 18, 2019	0.66	0.77	0.66	100.0%
18950601	417	378	MOORE	13132050	4	May 18, 2019	0.10	0.12	0.10	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	May 18, 2019	0.40	0.47	0.40	100.0%
18950601	445	410	NEILSEN	13120805	9	May 18, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 18, 2019	0.02	0.02	0.02	100.0%

18950610	430	628	MOORE	13132050	4	May 18, 2019	3.20	3.72	3.20	100.0%
18950630	265	2218	BURNETT	13127750	5	May 18, 2019	0.52	0.60	0.52	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 18, 2019	0.50	0.50	0.50	100.0%
18960601	85	1522	MOORE	13132050	4	May 18, 2019	0.32	0.37	0.32	100.0%
18960601	441	207	MOORE	13132050	4	May 18, 2019	1.00	1.16	1.00	100.0%
18960601	604	1711	MOORE	13132050	4	May 18, 2019	0.09	0.10	0.09	100.0%
18960601	96	461	MOORE	13132050	4	May 18, 2019	0.73	0.85	0.73	100.0%
18960601	2334	1495	MOORE	13132050	4	May 18, 2019	2.40	2.79	2.40	100.0%
18960601	459	993	MOORE	13132050	4	May 18, 2019	0.40	0.47	0.40	100.0%
18960601	459	1120	MOORE	13132050	4	May 18, 2019	0.40	0.47	0.40	100.0%
18960601	463	128	MOORE	13132050	4	May 18, 2019	1.60	1.86	1.60	100.0%
18960601	96	457	MOORE	13132050	4	May 18, 2019	0.92	1.07	0.92	100.0%
18960601	652	1567	MOORE	13132050	4	May 18, 2019	0.60	0.70	0.60	100.0%
18960601	263	399	MOORE	13132050	4	May 18, 2019	0.27	0.31	0.27	100.0%
18960601	263	397	MOORE	13132050	4	May 18, 2019	0.35	0.41	0.35	100.0%
18960601	651	1732	MOORE	13132050	4	May 18, 2019	0.02	0.02	0.02	100.0%
18960601	85	1521	MOORE	13132050	4	May 18, 2019	0.23	0.27	0.23	100.0%
18960601	417	992	MOORE	13132050	4	May 18, 2019	1.20	1.40	1.20	100.0%
18960601	651	1730	MOORE	13132050	4	May 18, 2019	0.03	0.03	0.03	100.0%
18960601	417	381	MOORE	13132050	4	May 18, 2019	2.40	2.79	2.40	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	May 18, 2019	0.04	0.04	0.04	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	May 18, 2019	0.70	0.81	0.70	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	May 18, 2019	0.41	0.48	0.41	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 18, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 18, 2019	2.00	4.33	2.00	100.0%
18960928	442	2158	MUNSEY	13132375	2	May 18, 2019	4.40	9.52	4.40	100.0%
18960928	150	216	MUNSEY	13132375	2	May 18, 2019	0.03	0.06	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	May 18, 2019	1.97	4.26	1.97	100.0%
18960928	407	307	MUNSEY	13132375	2	May 18, 2019	0.51	1.10	0.51	100.0%
18970510	430	641	MOORE	13132050	4	May 18, 2019	0.28	0.33	0.28	100.0%
18970510	411	673	DARLINGTON	13127735	5	May 18, 2019	2.97	3.45	2.97	100.0%
18970510	47	92	DARLINGTON	13127735	5	May 18, 2019	3.80	4.42	3.80	100.0%
18970515	463	686	MOORE	13132050	4	May 18, 2019	1.60	1.86	1.60	100.0%
18970515	604	1877	MOORE	13132050	4	May 18, 2019	1.29	1.50	1.29	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 18, 2019	2.00	2.00	2.00	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	May 18, 2019	0.13	0.15	0.13	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	May 18, 2019	0.24	0.28	0.24	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	May 18, 2019	0.65	0.76	0.65	100.0%
18990327	433	272	MOORE	13132050	4	May 18, 2019	0.48	0.56	0.48	100.0%
18990327	459	1477	MOORE	13132050	4	May 18, 2019	0.01	0.01	0.01	100.0%
18990327	604	2055	MOORE	13132050	4	May 18, 2019	0.29	0.34	0.29	100.0%
18990327	566	1830	MOORE	13132050	4	May 18, 2019	0.21	0.24	0.21	100.0%
18990327	219	549	MOORE	13132050	4	May 18, 2019	0.29	0.34	0.29	100.0%
18990327	604	1876	MOORE	13132050	4	May 18, 2019	0.91	1.06	0.91	100.0%
18990509	442	1364	MUNSEY	13132375	2	May 18, 2019	2.02	4.37	2.02	100.0%
18990601	140	2071	MOORE	13132050	4	May 18, 2019	0.03	0.03	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	May 18, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 18, 2019	0.60	0.60	0.60	100.0%
18991001	682	2180	NEILSEN	13120805	9	May 18, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	May 18, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	May 18, 2019	0.20	0.23	0.20	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 18, 2019	3.20	3.20	3.20	100.0%
19010901	433	685	MOORE	13132050	4	May 18, 2019	0.50	0.58	0.50	100.0%
19010901	459	684	MOORE	13132050	4	May 18, 2019	0.35	0.41	0.35	100.0%
19010901	459	340	MOORE	13132050	4	May 18, 2019	0.23	0.27	0.23	100.0%
19011001	651	1729	MOORE	13132050	4	May 18, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	May 18, 2019	0.14	0.16	0.14	100.0%
19011001	96	455	MOORE	13132050	4	May 18, 2019	0.20	0.23	0.20	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	May 18, 2019	0.20	0.23	0.20	100.0%
19020201	250	1400	UPPER EASTSIDE &	13132101	4	May 18, 2019	0.20	0.23	0.20	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	May 18, 2019	0.88	1.02	0.88	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 18, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 18, 2019	0.90	0.90	0.90	100.0%
19020301	609	1492	CHILLY	13121105	9	May 18, 2019	3.00	3.00	3.00	100.0%

19020301	364	952	CHILLY	13121105	9	May 18, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	May 18, 2019	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	May 18, 2019	2.40	2.40	2.40	100.0%
19020301	310	836	CHILLY	13121105	9	May 18, 2019	0.80	0.80	0.80	100.0%
19020304	129	2186	CHILLY	13121105	9	May 18, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 18, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	May 18, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	May 18, 2019	0.30	0.30	0.30	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 18, 2019	3.43	3.43	3.43	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	May 18, 2019	1.00	1.00	1.00	100.0%
19020601	682	742	NEILSEN	13120805	9	May 18, 2019	0.30	0.30	0.30	100.0%
19030224	364	953	CHILLY	13121105	9	May 18, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 18, 2019	1.60	1.60	1.60	100.0%
19040601	139	731	DARLINGTON	13127735	5	May 18, 2019	0.10	0.12	0.10	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 18, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 18, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 18, 2019	0.13	0.13	0.13	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 18, 2019	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 18, 2019	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	May 18, 2019	1.30	1.30	1.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	May 18, 2019	0.10	0.10	0.10	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 18, 2019	0.65	0.65	0.65	100.0%
19050501	403	811	NEILSEN	13120805	9	May 18, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 18, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	May 18, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	May 18, 2019	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	May 18, 2019	0.58	0.58	0.58	100.0%
19070501	358	321	NEILSEN	13120805	9	May 18, 2019	0.20	0.20	0.20	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	May 18, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	May 18, 2019	1.37	1.37	1.37	100.0%
19080709	475	1098	BURNETT	13127750	5	May 18, 2019	0.16	0.19	0.16	100.0%
19081207	459	1080	MOORE	13132050	4	May 18, 2019	0.50	0.58	0.50	100.0%
19081207	459	344	MOORE	13132050	4	May 18, 2019	0.33	0.38	0.33	100.0%
19090719	2338	1295	UPPER EASTSIDE &	13132101	4	May 18, 2019	0.02	0.02	0.02	100.0%
19090830	575	890	Broken River Pum	13124050	8	May 18, 2019	2.00	2.00	2.00	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 18, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 18, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 18, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 18, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 18, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	May 18, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 18, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	May 18, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	May 18, 2019	0.20	0.20	0.20	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 18, 2019	2.20	2.20	2.20	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	May 18, 2019	0.13	0.15	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	May 18, 2019	0.12	0.12	0.12	100.0%
19140601	154	2163	NEILSEN	13120805	9	May 18, 2019	0.60	0.60	0.60	100.0%
19140601	445	413	NEILSEN	13120805	9	May 18, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	May 18, 2019	0.18	0.18	0.18	100.0%
19160212	682	1054	NEILSEN	13120805	9	May 18, 2019	0.03	0.03	0.03	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 18, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	May 18, 2019	1.71	1.71	1.71	100.0%
19160701	101	1208	NEILSEN	13120805	9	May 18, 2019	2.00	2.00	2.00	100.0%
19170620	307	71	NEILSEN	13120805	9	May 18, 2019	2.16	2.16	2.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 18, 2019	0.02	0.02	0.02	100.0%
19200601	150	218	MUNSEY	13132375	2	May 18, 2019	0.01	0.02	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	May 18, 2019	0.79	1.71	0.79	100.0%
19240806	417	695	MOORE	13132050	4	May 18, 2019	0.50	0.58	0.50	100.0%
19280501	12	165	MOORE	13132050	4	May 18, 2019	0.38	0.44	0.38	100.0%
19740402	150	220	MUNSEY	13132375	2	May 18, 2019	0.02	0.04	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 18, 2019	4.40	9.52	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 18, 2019	13.66	29.57	13.66	100.0%
19770529	327	176	MUNSEY	13132375	2	May 18, 2019	1.34	2.90	1.34	100.0%

19810501	566	1684	MOORE	13132050	4	May 18, 2019	0.82	0.95	0.82	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 18, 2019	9969.40	9969.40	581.39	5.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 19, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 19	773.0	1.5	0.0	774.5	0.00	774.5	1.5	0.0	0.0	773.0	0.0	0.0
9	Howell to Chilly	May 19	636.0	90.3	0.0	-46.7	0.06	727.8	87.4	2.9	0.0	638.9	-2.9	0.0
8	Chilly to Reservoir	* May 19	717.2	50.8	0.0	132.1	0.00	859.9	44.7	6.2	0.0	726.3	-9.1	0.0
	Connected													
7	Mackay Reservoir	* May 19	452.1	0.0	0.0	0.0	0.00	859.9	489.9		0.0	236.5	215.6	0.0
6	Reservoir to 2B	May 19	447.0	5.1	0.0	0.0	0.00	859.9	5.0	0.1	0.0	231.5	215.5	0.0
5	2B to Leslie	May 19	297.0	92.8	0.0	-57.2	0.13	859.9	57.6	35.2	0.0	144.3	152.7	0.0
4	Leslie to Moore	May 19	189.3	140.4	0.0	32.7	0.00	892.6	104.3	36.0	0.0	72.6	116.7	0.0
2	Moore to blw Munsey	May 19	57.0	57.2	0.0	-75.1	0.40	892.6	43.8	13.4	0.0	0.0	57.0	0.0
1	Blw Munsey to Arco	May 19	48.4	0.0	0.0	-8.6	0.15	892.6	0.0	0.0	0.0	0.0	48.4	0.0
							TOTAL		834.2	93.8	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 19	0.0	0.0		20180101	5%
9	Howell to Chilly	May 19	0.0	0.0		20180101	5%
8	Chilly to Reservoir	May 19	0.0	0.0		20180101	5%
	Connected						
7	Mackay Reservoir	May 19	0.0	0.0		20180101	5%
6	Reservoir to 2B	May 19	0.0	0.0		20180101	5%
5	2B to Leslie	May 19	29.6	27.6		20180101	5%
4	Leslie to Moore	May 19	0.0	0.0		20180101	5%
2	Moore to blw Munsey	May 19	28.8	46.3		20180101	5%
1	Blw Munsey to Arco	May 19	0.0	8.6		20180101	5%
	TOTAL		58.4	82.5	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	120.6
2	18810630	1.7	294.0	64.1
3	18880601	3.2	556.5	120.6
4	18960601	6.4	1113.0	241.2
5	19020301	0.8	140.0	30.1
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	8201.0
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	52628.6

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
30310.0	30830.0	520.0	262.2	3.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	8777.6
Total Storage Loss	-2996.0
Total Storage Deliver	-3561.6
Total Evaporation	-260.0
Accounting Balance	30830.0
Current Res Content	30830.0
Storage Balance Error	0.0

DAILY STORAGE BALANCE

30310.0	Reservoir Content Previous Day [ac-ft]
30830.0	Reservoir Content Current Day [ac-ft]
520.0	Physical Change in Storage [ac-ft]
971.6	Storage Allocated to Mackay Reservoir [ac-ft]
-259.6	Stored Flow Losses [ac-ft]
-27.6	2B to Leslie [cfs]
0.0	Leslie to Moore [cfs]
-46.3	Moore blw Munsey [cfs]
-8.6	blw Munsey to Arco Gage [cfs]
-48.4	Past Arco Gage [cfs]
-186.1	Storage Delivered [ac-ft]
9.1	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
35.2	2B to Leslie [cfs]
36.0	Leslie to Moore [cfs]
13.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-5.9	Evaporation [ac-ft]
520.0	Accounting Change in Storage [ac-ft]
0.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

717.2	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
32.7	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
749.9	Total Available Natural Flow [cfs]
489.9	Reservoir Rights Diverted [cfs]
58.4	Natural Flow Losses below Reservoir [cfs]
29.6	2B to Leslie [cfs]
0.0	Leslie to Moore [cfs]
28.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
201.6	Natural Flow Delivered [cfs]
-9.1	Above Reservoir Storage Use [cfs]
5.0	Reservoir to 2B [cfs]
57.6	2B to Leslie [cfs]
104.3	Leslie to Moore [cfs]
43.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
749.9	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.0	400
Eastside Felton Wier +	25.0	1250
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	33.0	1650
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	14.0	700
Total Out	16.8	840

Abbreviated Reach Delivery Factor 0.51
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 50.9%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 14.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 27.5 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 59.3%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 46.3 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 32.7 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 51.1%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 30.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 19, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	5.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	1.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	4.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	1.7	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	5.1	0.1	8.1
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	15.3	10.6	102.7
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	49.3	17.9	402.7
9	NEILSEN	40.6	2.9	84.8	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	28.2	6.7	530.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	39.0	0.0	0.0	8	Broken River Pum	4.0	0.0	3.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	5.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	2.0	0.0	90.6
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	30.1	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	3.4	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	7.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	105.7	25.9	1307.2
8	Mtn. Springs 1	0.0	4.0	47.6	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	32.7	16.5	1134.3
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	4.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	22.8	11.5	168.6
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	1.5	0.0	0.0	2	MUNSEY	34.4	1.9	151.0
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	1.4	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	3.4	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	0.0	0.0	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 19, 2019	2.03	2.03	2.03	100.0%
18750601	483	12	LONGHURST	13121505	9	May 19, 2019	3.17	3.17	3.17	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 19, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 19, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 19, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 19, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 19, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 19, 2019	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 19, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 19, 2019	3.00	3.00	3.00	100.0%
18830601	2331	465	MOORE	13132050	4	May 19, 2019	0.79	0.91	0.69	87.2%
18830601	566	1778	MOORE	13132050	4	May 19, 2019	0.27	0.31	0.24	87.2%
18830601	106	1082	MOORE	13132050	4	May 19, 2019	1.54	1.77	1.34	87.2%
18830601	221	855	MOORE	13132050	4	May 19, 2019	1.60	1.83	1.40	87.2%
18830630	223	1192	MOORE	13132050	4	May 19, 2019	1.72	1.97	1.50	87.2%
18830810	85	1583	MOORE	13132050	4	May 19, 2019	0.18	0.21	0.16	87.2%
18830810	2332	1088	MOORE	13132050	4	May 19, 2019	1.50	1.72	1.31	87.2%
18830810	263	393	MOORE	13132050	4	May 19, 2019	0.18	0.21	0.16	87.2%
18830810	96	449	MOORE	13132050	4	May 19, 2019	0.48	0.55	0.42	87.2%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	May 19, 2019	0.43	0.49	0.37	87.2%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	May 19, 2019	0.21	0.24	0.18	87.2%
18840422	433	1427	MOORE	13132050	4	May 19, 2019	0.14	0.16	0.12	87.2%
18840422	585	951	SWAUGER	13127600	5	May 19, 2019	0.18	0.21	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 19, 2019	0.07	0.08	0.07	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 19, 2019	0.20	0.23	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 19, 2019	0.96	1.10	0.96	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 19, 2019	1.63	1.87	1.63	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 19, 2019	2.17	2.49	2.17	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 19, 2019	0.55	0.63	0.55	100.0%
18840422	525	1465	BURNETT	13127750	5	May 19, 2019	1.92	2.20	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	May 19, 2019	2.00	2.29	2.00	100.0%
18840422	632	2077	SHARP	13126500	6	May 19, 2019	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	May 19, 2019	0.64	0.64	0.64	100.0%
18840422	347	938	SHARP	13126500	6	May 19, 2019	4.00	4.00	4.00	100.0%
18840422	2525	1903	SHARP	13126500	6	May 19, 2019	0.08	0.08	0.08	100.0%
18840430	360	67	BURNETT	13127750	5	May 19, 2019	1.20	1.38	1.20	100.0%
18840430	623	2234	BURNETT	13127750	5	May 19, 2019	0.40	0.46	0.40	100.0%
18840430	119	1366	BURNETT	13127750	5	May 19, 2019	0.40	0.46	0.40	100.0%
18840501	501	1324	Zollinger 2	13122990	8	May 19, 2019	3.43	3.43	3.43	100.0%
18840520	14	2002	MOORE	13132050	4	May 19, 2019	0.02	0.02	0.02	87.2%
18840520	463	1300	MOORE	13132050	4	May 19, 2019	1.60	1.83	1.40	87.2%
18840520	2335	1886	MOORE	13132050	4	May 19, 2019	0.76	0.87	0.66	87.2%
18840520	14	2061	MOORE	13132050	4	May 19, 2019	0.04	0.05	0.03	87.2%
18840520	427	1	MOORE	13132050	4	May 19, 2019	1.12	1.28	0.98	87.2%
18840520	433	271	MOORE	13132050	4	May 19, 2019	0.54	0.62	0.47	87.2%
18840520	263	394	MOORE	13132050	4	May 19, 2019	0.22	0.25	0.19	87.2%
18840520	180	470	MOORE	13132050	4	May 19, 2019	0.16	0.18	0.14	87.2%
18840520	156	2002	MOORE	13132050	4	May 19, 2019	0.38	0.44	0.33	87.2%
18840520	651	1727	MOORE	13132050	4	May 19, 2019	0.02	0.02	0.02	87.2%
18840520	2331	471	MOORE	13132050	4	May 19, 2019	2.14	2.45	1.87	87.2%
18840520	566	1782	MOORE	13132050	4	May 19, 2019	0.78	0.89	0.68	87.2%
18840520	2332	753	MOORE	13132050	4	May 19, 2019	0.42	0.48	0.37	87.2%
18840520	2331	463	MOORE	13132050	4	May 19, 2019	2.24	2.57	1.95	87.2%
18840520	85	1584	MOORE	13132050	4	May 19, 2019	0.22	0.25	0.19	87.2%
18840520	2333	657	MOORE	13132050	4	May 19, 2019	1.07	1.23	0.93	87.2%
18840520	2332	752	MOORE	13132050	4	May 19, 2019	0.36	0.41	0.31	87.2%
18840520	604	2054	MOORE	13132050	4	May 19, 2019	1.15	1.32	1.00	87.2%
18840520	96	451	MOORE	13132050	4	May 19, 2019	0.58	0.67	0.51	87.2%
18840531	338	122	DARLINGTON	13127735	5	May 19, 2019	0.72	0.83	0.72	100.0%

18840601	263	395	MOORE	13132050	4	May 19, 2019	0.08	0.09	0.07	87.2%
18840601	359	1012	MOORE	13132050	4	May 19, 2019	1.28	1.47	1.12	87.2%
18840601	85	1544	MOORE	13132050	4	May 19, 2019	0.09	0.10	0.08	87.2%
18840601	85	1545	MOORE	13132050	4	May 19, 2019	0.54	0.62	0.47	87.2%
18840601	85	1585	MOORE	13132050	4	May 19, 2019	0.08	0.09	0.07	87.2%
18840601	96	453	MOORE	13132050	4	May 19, 2019	0.21	0.24	0.18	87.2%
18840601	623	2134	BURNETT	13127750	5	May 19, 2019	0.20	0.23	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	May 19, 2019	0.27	0.31	0.27	100.0%
18840601	623	2182	BURNETT	13127750	5	May 19, 2019	0.40	0.46	0.40	100.0%
18840601	119	56	BURNETT	13127750	5	May 19, 2019	0.73	0.84	0.73	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 19, 2019	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 19, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 19, 2019	0.80	0.80	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	May 19, 2019	0.80	0.92	0.70	87.2%
18840715	44	1005	MOORE	13132050	4	May 19, 2019	0.80	0.92	0.70	87.2%
18840715	459	1195	MOORE	13132050	4	May 19, 2019	1.20	1.38	1.05	87.2%
18840715	133	324	MOORE	13132050	4	May 19, 2019	0.80	0.92	0.70	87.2%
18840715	459	798	MOORE	13132050	4	May 19, 2019	0.80	0.92	0.70	87.2%
18840715	417	1194	MOORE	13132050	4	May 19, 2019	1.20	1.38	1.05	87.2%
18840731	44	1132	MOORE	13132050	4	May 19, 2019	0.80	0.92	0.70	87.2%
18840731	44	1131	MOORE	13132050	4	May 19, 2019	0.80	0.92	0.70	87.2%
18840831	638	772	UPPER EASTSIDE &	13132101	4	May 19, 2019	0.40	0.46	0.07	18.7%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	May 19, 2019	0.44	0.50	0.44	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	May 19, 2019	1.31	1.50	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	May 19, 2019	3.20	3.67	3.20	100.0%
18840914	119	696	BURNETT	13127750	5	May 19, 2019	0.40	0.46	0.40	100.0%
18840914	623	2135	BURNETT	13127750	5	May 19, 2019	0.33	0.38	0.33	100.0%
18841012	459	1079	MOORE	13132050	4	May 19, 2019	0.89	1.02	0.89	100.0%
18841012	459	342	MOORE	13132050	4	May 19, 2019	0.58	0.67	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	May 19, 2019	1.25	1.43	1.25	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 19, 2019	2.77	3.18	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	May 19, 2019	0.74	0.85	0.74	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 19, 2019	0.81	0.93	0.81	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 19, 2019	0.61	0.70	0.61	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 19, 2019	0.79	0.91	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 19, 2019	2.00	2.29	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 19, 2019	1.65	1.89	1.65	100.0%
18850501	426	887	ARCO	13132365	2	May 19, 2019	0.64	1.22	0.64	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	May 19, 2019	0.24	0.28	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 19, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	May 19, 2019	0.20	0.23	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	May 19, 2019	2.34	2.68	2.34	100.0%
18850530	484	1672	BURNETT	13127750	5	May 19, 2019	1.00	1.15	1.00	100.0%
18850531	413	1353	MOORE	13132050	4	May 19, 2019	0.04	0.05	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	May 19, 2019	1.56	1.78	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	May 19, 2019	2.88	3.30	2.88	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 19, 2019	3.20	3.67	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	May 19, 2019	0.50	0.57	0.50	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 19, 2019	2.60	2.98	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	May 19, 2019	1.54	1.77	1.54	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 19, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 19, 2019	0.54	0.62	0.54	100.0%
18851002	356	42	ARCO	13132365	2	May 19, 2019	4.50	8.56	4.50	100.0%
18851002	356	82	ARCO	13132365	2	May 19, 2019	3.20	6.08	3.20	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 19, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 19, 2019	2.80	3.21	2.80	100.0%
18860501	417	644	MOORE	13132050	4	May 19, 2019	1.20	1.38	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	May 19, 2019	2.64	3.03	2.64	100.0%
18860512	263	398	MOORE	13132050	4	May 19, 2019	0.18	0.21	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 19, 2019	0.48	0.55	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	May 19, 2019	0.18	0.21	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	May 19, 2019	0.01	0.01	0.01	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	May 19, 2019	1.29	1.48	1.29	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	May 19, 2019	1.24	1.42	1.24	100.0%

18860601	306	851	UPPER EASTSIDE &	13132101	4	May 19, 2019	1.60	1.83	1.60	100.0%
18860601	357	1288	BURNETT	13127750	5	May 19, 2019	1.60	1.83	1.60	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 19, 2019	0.50	0.50	0.50	100.0%
18860630	604	1710	MOORE	13132050	4	May 19, 2019	0.04	0.05	0.04	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 19, 2019	1.04	1.19	1.04	100.0%
18860717	207	1798	DARLINGTON	13127735	5	May 19, 2019	0.85	0.97	0.85	100.0%
18860717	381	1762	DARLINGTON	13127735	5	May 19, 2019	0.57	0.65	0.57	100.0%
18860721	260	1668	BURNETT	13127750	5	May 19, 2019	1.20	1.38	1.20	100.0%
18870313	433	683	MOORE	13132050	4	May 19, 2019	0.70	0.80	0.70	100.0%
18870313	459	338	MOORE	13132050	4	May 19, 2019	0.42	0.48	0.42	100.0%
18870313	459	682	MOORE	13132050	4	May 19, 2019	0.65	0.75	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 19, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 19, 2019	3.30	3.30	3.30	100.0%
18870601	252	353	DARLINGTON	13127735	5	May 19, 2019	0.43	0.49	0.43	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 19, 2019	0.20	0.20	0.20	100.0%
18870601	483	1270	CHILLY	13121105	9	May 19, 2019	0.94	0.94	0.94	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 19, 2019	1.46	1.46	1.46	100.0%
18870630	323	945	BURNETT	13127750	5	May 19, 2019	0.60	0.69	0.60	100.0%
18870801	119	1166	BURNETT	13127750	5	May 19, 2019	0.27	0.31	0.27	100.0%
18880401	682	2139	NEILSEN	13120805	9	May 19, 2019	0.20	0.20	0.20	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 19, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 19, 2019	0.23	0.23	0.23	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 19, 2019	0.37	0.37	0.37	100.0%
18880601	629	1497	HOWELL	13120490	10	May 19, 2019	1.50	1.50	1.50	100.0%
18880801	442	750	MUNSEY	13132375	2	May 19, 2019	0.40	0.76	0.40	100.0%
18881101	59	2222	KENT	13120605	9	May 19, 2019	1.66	1.66	1.66	100.0%
18881101	2610	2095	KENT	13120605	9	May 19, 2019	1.54	1.54	1.54	100.0%
18890510	207	1814	DARLINGTON	13127735	5	May 19, 2019	0.23	0.26	0.23	100.0%
18890601	463	1396	MOORE	13132050	4	May 19, 2019	0.20	0.23	0.20	100.0%
18890601	652	1566	MOORE	13132050	4	May 19, 2019	0.50	0.57	0.50	100.0%
18890601	441	205	MOORE	13132050	4	May 19, 2019	0.97	1.11	0.97	100.0%
18890601	475	969	BURNETT	13127750	5	May 19, 2019	1.20	1.38	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	May 19, 2019	0.30	0.34	0.30	100.0%
18900601	426	756	ARCO	13132365	2	May 19, 2019	0.57	1.08	0.57	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 19, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	May 19, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 19, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 19, 2019	1.70	1.70	1.70	100.0%
18910630	2332	1255	MOORE	13132050	4	May 19, 2019	0.52	0.60	0.52	100.0%
18910630	44	1253	MOORE	13132050	4	May 19, 2019	0.80	0.92	0.80	100.0%
18910630	2332	1254	MOORE	13132050	4	May 19, 2019	0.48	0.55	0.48	100.0%
18910630	44	1003	MOORE	13132050	4	May 19, 2019	0.76	0.87	0.76	100.0%
18910801	307	77	CHILLY	13121105	9	May 19, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 19, 2019	1.50	1.50	1.50	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 19, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	May 19, 2019	0.30	0.34	0.30	100.0%
18930201	417	380	MOORE	13132050	4	May 19, 2019	0.22	0.25	0.22	100.0%
18930201	463	1423	MOORE	13132050	4	May 19, 2019	0.30	0.34	0.30	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 19, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	May 19, 2019	0.46	0.46	0.46	100.0%
18931101	59	1279	KENT	13120605	9	May 19, 2019	0.05	0.05	0.05	100.0%
18931101	59	2223	KENT	13120605	9	May 19, 2019	0.29	0.29	0.29	100.0%
18940310	475	989	BURNETT	13127750	5	May 19, 2019	0.44	0.50	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	May 19, 2019	0.40	0.46	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	May 19, 2019	2.80	3.21	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	May 19, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 19, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 19, 2019	0.80	0.92	0.80	100.0%
18940601	417	379	MOORE	13132050	4	May 19, 2019	0.15	0.17	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	May 19, 2019	2.12	2.43	2.12	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 19, 2019	0.11	0.13	0.11	100.0%
18940601	632	1724	SHARP	13126500	6	May 19, 2019	0.08	0.08	0.08	100.0%
18940601	2525	1904	SHARP	13126500	6	May 19, 2019	0.06	0.06	0.06	100.0%
18940601	307	39	CHILLY	13121105	9	May 19, 2019	1.20	1.20	1.20	100.0%

18940926	252	357	DARLINGTON	13127735	5	May 19, 2019	0.30	0.34	0.30	100.0%
18950501	307	619	NEILSEN	13120805	9	May 19, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 19, 2019	0.10	0.11	0.10	100.0%
18950601	180	1343	MOORE	13132050	4	May 19, 2019	0.60	0.69	0.60	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	May 19, 2019	0.40	0.46	0.40	100.0%
18950601	445	410	NEILSEN	13120805	9	May 19, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 19, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	May 19, 2019	3.20	3.67	3.20	100.0%
18950630	265	2218	BURNETT	13127750	5	May 19, 2019	1.20	1.38	1.20	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 19, 2019	0.50	0.50	0.50	100.0%
18960601	85	1522	MOORE	13132050	4	May 19, 2019	0.18	0.21	0.18	100.0%
18960601	463	128	MOORE	13132050	4	May 19, 2019	1.60	1.83	1.60	100.0%
18960601	2334	1495	MOORE	13132050	4	May 19, 2019	2.40	2.75	2.40	100.0%
18960601	459	1120	MOORE	13132050	4	May 19, 2019	0.40	0.46	0.40	100.0%
18960601	459	993	MOORE	13132050	4	May 19, 2019	0.40	0.46	0.40	100.0%
18960601	263	397	MOORE	13132050	4	May 19, 2019	0.35	0.40	0.35	100.0%
18960601	263	399	MOORE	13132050	4	May 19, 2019	0.27	0.31	0.27	100.0%
18960601	96	461	MOORE	13132050	4	May 19, 2019	0.67	0.77	0.67	100.0%
18960601	96	457	MOORE	13132050	4	May 19, 2019	0.92	1.06	0.92	100.0%
18960601	85	1521	MOORE	13132050	4	May 19, 2019	0.23	0.26	0.23	100.0%
18960601	604	1711	MOORE	13132050	4	May 19, 2019	0.09	0.10	0.09	100.0%
18960601	441	207	MOORE	13132050	4	May 19, 2019	0.99	1.14	0.99	100.0%
18960601	651	1730	MOORE	13132050	4	May 19, 2019	0.03	0.03	0.03	100.0%
18960601	417	992	MOORE	13132050	4	May 19, 2019	1.20	1.38	1.20	100.0%
18960601	652	1567	MOORE	13132050	4	May 19, 2019	0.60	0.69	0.60	100.0%
18960601	651	1732	MOORE	13132050	4	May 19, 2019	0.02	0.02	0.02	100.0%
18960601	417	381	MOORE	13132050	4	May 19, 2019	2.40	2.75	2.40	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	May 19, 2019	0.04	0.04	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	May 19, 2019	0.41	0.47	0.41	100.0%
18960601	252	359	DARLINGTON	13127735	5	May 19, 2019	0.77	0.88	0.77	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 19, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 19, 2019	2.00	3.80	2.00	100.0%
18960928	442	2158	MUNSEY	13132375	2	May 19, 2019	4.40	8.37	4.40	100.0%
18960928	150	215	MUNSEY	13132375	2	May 19, 2019	1.70	3.23	1.70	100.0%
18960928	407	307	MUNSEY	13132375	2	May 19, 2019	0.51	0.97	0.51	100.0%
18970510	430	641	MOORE	13132050	4	May 19, 2019	0.50	0.57	0.50	100.0%
18970510	411	674	DARLINGTON	13127735	5	May 19, 2019	1.35	1.55	1.35	100.0%
18970510	47	92	DARLINGTON	13127735	5	May 19, 2019	5.14	5.89	5.14	100.0%
18970510	411	673	DARLINGTON	13127735	5	May 19, 2019	3.44	3.94	3.44	100.0%
18970515	604	1877	MOORE	13132050	4	May 19, 2019	1.29	1.48	1.29	100.0%
18970515	463	686	MOORE	13132050	4	May 19, 2019	1.60	1.83	1.60	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 19, 2019	2.00	2.00	2.00	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	May 19, 2019	0.13	0.15	0.13	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	May 19, 2019	0.65	0.75	0.65	100.0%
18980901	356	818	ARCO	13132365	2	May 19, 2019	1.04	1.98	1.04	100.0%
18990327	2331	467	MOORE	13132050	4	May 19, 2019	0.60	0.69	0.60	100.0%
18990327	604	1876	MOORE	13132050	4	May 19, 2019	0.91	1.04	0.91	100.0%
18990327	14	2062	MOORE	13132050	4	May 19, 2019	0.01	0.01	0.01	100.0%
18990327	2331	469	MOORE	13132050	4	May 19, 2019	0.53	0.61	0.53	100.0%
18990327	566	1830	MOORE	13132050	4	May 19, 2019	0.21	0.24	0.21	100.0%
18990327	604	2055	MOORE	13132050	4	May 19, 2019	0.29	0.33	0.29	100.0%
18990327	433	272	MOORE	13132050	4	May 19, 2019	0.47	0.54	0.47	100.0%
18990327	459	1477	MOORE	13132050	4	May 19, 2019	0.01	0.01	0.01	100.0%
18990509	442	1364	MUNSEY	13132375	2	May 19, 2019	1.78	3.38	1.78	100.0%
18990601	140	2071	MOORE	13132050	4	May 19, 2019	0.03	0.03	0.03	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 19, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 19, 2019	2.74	2.74	2.74	100.0%
18991001	682	2180	NEILSEN	13120805	9	May 19, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	May 19, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	May 19, 2019	0.20	0.23	0.20	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 19, 2019	3.20	3.20	3.20	100.0%
19010901	459	684	MOORE	13132050	4	May 19, 2019	0.35	0.40	0.35	100.0%
19010901	459	340	MOORE	13132050	4	May 19, 2019	0.23	0.26	0.23	100.0%
19011001	263	396	MOORE	13132050	4	May 19, 2019	0.12	0.14	0.12	100.0%

19011001	651	1729	MOORE	13132050	4	May 19, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	May 19, 2019	1.32	2.51	1.32	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	May 19, 2019	0.20	0.23	0.20	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	May 19, 2019	0.26	0.30	0.26	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 19, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 19, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	May 19, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	May 19, 2019	2.40	2.40	2.40	100.0%
19020301	609	1492	CHILLY	13121105	9	May 19, 2019	3.00	3.00	3.00	100.0%
19020301	364	952	CHILLY	13121105	9	May 19, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	May 19, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	May 19, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 19, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	May 19, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	May 19, 2019	0.30	0.30	0.30	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 19, 2019	3.43	3.43	3.43	100.0%
19020601	682	742	NEILSEN	13120805	9	May 19, 2019	0.30	0.30	0.30	100.0%
19030224	364	953	CHILLY	13121105	9	May 19, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 19, 2019	1.60	1.60	1.60	100.0%
19040601	139	731	DARLINGTON	13127735	5	May 19, 2019	0.60	0.69	0.60	100.0%
19040601	139	1148	DARLINGTON	13127735	5	May 19, 2019	0.18	0.21	0.18	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 19, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 19, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 19, 2019	0.13	0.13	0.13	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 19, 2019	3.00	3.00	3.00	100.0%
19050501	130	74	NEILSEN	13120805	9	May 19, 2019	1.30	1.30	1.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 19, 2019	0.65	0.65	0.65	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 19, 2019	0.82	0.82	0.82	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 19, 2019	0.40	0.40	0.40	100.0%
19050501	154	2152	NEILSEN	13120805	9	May 19, 2019	0.10	0.10	0.10	100.0%
19050501	403	811	NEILSEN	13120805	9	May 19, 2019	0.30	0.30	0.30	100.0%
19050501	129	2187	CHILLY	13121105	9	May 19, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	May 19, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	May 19, 2019	0.40	0.40	0.40	100.0%
19060501	430	1620	MOORE	13132050	4	May 19, 2019	1.17	1.34	1.17	100.0%
19060501	430	1618	MOORE	13132050	4	May 19, 2019	0.97	1.11	0.97	100.0%
19060501	430	1580	MOORE	13132050	4	May 19, 2019	0.25	0.29	0.25	100.0%
19070501	358	321	NEILSEN	13120805	9	May 19, 2019	0.20	0.20	0.20	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	May 19, 2019	0.42	0.42	0.42	99.5%
19080709	475	1098	BURNETT	13127750	5	May 19, 2019	0.16	0.18	0.16	100.0%
19081207	459	1080	MOORE	13132050	4	May 19, 2019	0.50	0.57	0.50	100.0%
19081207	459	344	MOORE	13132050	4	May 19, 2019	0.33	0.38	0.33	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 19, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 19, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 19, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 19, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 19, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	May 19, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 19, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 19, 2019	2.20	2.20	2.20	100.0%
19121014	130	75	NEILSEN	13120805	9	May 19, 2019	0.20	0.20	0.20	100.0%
19121014	403	813	NEILSEN	13120805	9	May 19, 2019	2.10	2.10	2.10	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	May 19, 2019	0.13	0.15	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	May 19, 2019	0.12	0.12	0.12	100.0%
19140601	154	2163	NEILSEN	13120805	9	May 19, 2019	0.60	0.60	0.60	100.0%
19140601	445	412	NEILSEN	13120805	9	May 19, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	May 19, 2019	0.02	0.02	0.02	100.0%
19160212	682	1054	NEILSEN	13120805	9	May 19, 2019	0.03	0.03	0.03	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 19, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	May 19, 2019	1.71	1.71	1.71	100.0%
19160701	101	1208	NEILSEN	13120805	9	May 19, 2019	2.00	2.00	2.00	100.0%
19170620	307	71	NEILSEN	13120805	9	May 19, 2019	2.16	2.16	2.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 19, 2019	0.02	0.02	0.02	100.0%
19240806	417	695	MOORE	13132050	4	May 19, 2019	0.50	0.57	0.50	100.0%

19600824	430	1619	MOORE	13132050	4	May 19, 2019	0.60	0.69	0.60	100.0%
19600824	430	1617	MOORE	13132050	4	May 19, 2019	0.55	0.63	0.55	100.0%
19600824	430	1579	MOORE	13132050	4	May 19, 2019	0.14	0.16	0.14	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 19, 2019	4.40	8.37	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 19, 2019	16.00	30.42	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	May 19, 2019	1.34	2.55	1.34	100.0%
19810501	566	1684	MOORE	13132050	4	May 19, 2019	0.82	0.94	0.82	100.0%
19950411	476	1273	BECK	13130525	4	May 19, 2019	2.00	2.29	2.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 19, 2019	9969.40	9969.40	474.55	4.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 20, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 20	712.0	1.5	0.0	713.5	0.00	713.5	1.5	0.0	0.0	712.0	0.0	0.0
9	Howell to Chilly	May 20	594.0	90.3	0.0	-27.7	0.04	685.8	87.4	2.9	0.0	596.9	-2.9	0.0
8	Chilly to Reservoir	* May 20	681.9	49.5	0.0	137.4	0.00	823.2	44.7	4.8	0.0	689.6	-7.7	0.0
	Connected													
7	Mackay Reservoir	* May 20	456.7	0.0	0.0	0.0	0.00	838.5	494.8		0.0	194.8	261.9	0.0
6	Reservoir to 2B	May 20	450.0	6.7	0.0	0.0	0.00	823.2	6.6	0.1	0.0	188.2	261.8	0.0
5	2B to Leslie	May 20	321.0	144.3	0.0	15.3	0.00	838.5	93.3	51.0	0.0	110.2	210.8	0.0
4	Leslie to Moore	May 20	242.1	134.4	0.0	55.5	0.00	894.0	107.1	27.2	0.0	58.5	183.6	0.0
2	Moore to blw Munsey	May 20	123.0	40.4	0.0	-78.7	0.33	894.0	39.5	0.9	0.0	0.0	123.0	0.0
1	Blw Munsey to Arco	May 20	87.5	0.0	0.0	-35.5	0.29	894.0	0.0	0.0	0.0	0.0	87.5	0.0
							TOTAL		874.9	86.9	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 20	0.0	0.0		20180101	5%
9	Howell to Chilly	May 20	0.0	0.0		20180101	5%
8	Chilly to Reservoir	May 20	0.0	0.0		20180101	5%
	Connected						
7	Mackay Reservoir	May 20	0.0	0.0		20180101	5%
6	Reservoir to 2B	May 20	0.0	0.0		20180101	5%
5	2B to Leslie	May 20	0.0	0.0		20180101	5%
4	Leslie to Moore	May 20	0.0	0.0		20180101	5%
2	Moore to blw Munsey	May 20	19.0	59.7		20180101	5%
1	Blw Munsey to Arco	May 20	0.0	35.5		20180101	5%
	TOTAL		19.0	95.2	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	126.9
2	18810630	1.7	294.0	67.4
3	18880601	3.2	556.5	126.9
4	18960601	6.4	1113.0	253.9
5	19020301	0.8	140.0	31.7
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	9152.2
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	53610.1

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
30830.0	31270.0	440.0	221.8	3.3

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	9759.1
Total Storage Loss	-3358.4
Total Storage Deliver	-3733.9
Total Evaporation	-266.6
Accounting Balance	31270.2
Current Res Content	31270.0
Storage Balance Error	0.2

DAILY STORAGE BALANCE

```
 30830.0 Reservoir Content Previous Day [ac-ft]
 31270.0 Reservoir Content Current Day [ac-ft]
   440.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------
           981.5 Storage Allocated to Mackay Reservoir [ac-ft]

          -362.4 Stored Flow Losses [ac-ft]
                 0.0 2B to Leslie [cfs]
                 0.0 Leslie to Moore [cfs]
               -59.7 Moore blw Munsey [cfs]
               -35.5 blw Munsey to Arco Gage [cfs]
               -87.5 Past Arco Gage [cfs]

          -172.4 Storage Delivered [ac-ft]
                 7.7 Above Reservoir [cfs]
                 0.1 Reservoir to 2B [cfs]
                51.0 2B to Leslie [cfs]
                27.2 Leslie to Moore [cfs]
                 0.9 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

            -6.6 Evaporation [ac-ft]

   440.1 Accounting Change in Storage [ac-ft]
-------------------------------------------------------
     0.1 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   681.9 Gain in/above Mackay Reservoir [cfs]
    15.3 Gain in Reach 5: 2-B to Leslie [cfs]
    55.5 Gain in Reach 4: Leslie to Moore [cfs]
     0.0 Gain in Reach 2: Moore to Munsey [cfs]
     0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------
   752.7 Total Available Natural Flow [cfs]
-------------------------------------------------------
           494.8 Reservoir Rights Diverted [cfs]

            19.0 Natural Flow Losses below Reservoir [cfs]
                 0.0 2B to Leslie [cfs]
                 0.0 Leslie to Moore [cfs]
                19.0 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
                 0.0 Natural Flow Past Arco Gage [cfs]

           238.8 Natural Flow Delivered [cfs]
                -7.7 Above Reservoir Storage Use [cfs]
                 6.6 Reservoir to 2B [cfs]
                93.3 2B to Leslie [cfs]
               107.1 Leslie to Moore [cfs]
                39.5 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

   752.6 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------
     0.1 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	10.1	505
Eastside Felton Wier +	28.9	1445
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	39.0	1950
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	26.5	1325
Total Out	29.3	1465

Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.75

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 75.1%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 26.5 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 35.3 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 64.0%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 55.1 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 25.9 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 60.4%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 48.1%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 20, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	5.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	1.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	4.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	1.7	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	6.7	0.1	8.3
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	16.8	12.1	126.7
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	49.1	25.2	452.6
9	NEILSEN	40.6	2.9	90.7	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	78.4	13.7	557.7
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	39.0	0.0	0.0	8	Broken River Pum	4.0	0.0	3.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	5.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	3.5	0.0	90.6
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	31.7	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	3.4	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	7.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	105.0	21.5	1349.9
8	Mtn. Springs 1	0.0	4.0	55.5	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	25.9	7.8	1149.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	4.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	10.8	0.9	170.4
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	1.5	0.0	0.0	2	MUNSEY	29.6	0.0	151.0
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	3.4	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 20, 2019	2.03	2.03	2.03	100.0%
18750601	483	12	LONGHURST	13121505	9	May 20, 2019	3.17	3.17	3.17	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 20, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 20, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 20, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 20, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 20, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 20, 2019	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 20, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 20, 2019	3.00	3.00	3.00	100.0%
18830601	106	1082	MOORE	13132050	4	May 20, 2019	1.54	1.54	1.54	100.0%
18830601	221	855	MOORE	13132050	4	May 20, 2019	1.60	1.60	1.60	100.0%
18830601	566	1778	MOORE	13132050	4	May 20, 2019	0.27	0.27	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	May 20, 2019	0.79	0.79	0.79	100.0%
18830630	223	1192	MOORE	13132050	4	May 20, 2019	1.72	1.72	1.72	100.0%
18830810	2332	1088	MOORE	13132050	4	May 20, 2019	1.50	1.50	1.50	100.0%
18830810	85	1583	MOORE	13132050	4	May 20, 2019	0.18	0.18	0.18	100.0%
18830810	263	393	MOORE	13132050	4	May 20, 2019	0.18	0.18	0.18	100.0%
18830810	96	449	MOORE	13132050	4	May 20, 2019	0.48	0.48	0.48	100.0%
18830810	651	1726	MOORE	13132050	4	May 20, 2019	0.01	0.01	0.01	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	May 20, 2019	0.21	0.21	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	May 20, 2019	0.43	0.43	0.43	100.0%
18840422	433	1427	MOORE	13132050	4	May 20, 2019	0.14	0.14	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 20, 2019	0.07	0.07	0.07	100.0%
18840422	585	951	SWAUGER	13127600	5	May 20, 2019	0.18	0.18	0.18	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 20, 2019	0.55	0.55	0.55	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 20, 2019	0.20	0.20	0.20	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 20, 2019	2.17	2.17	2.17	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 20, 2019	1.63	1.63	1.63	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 20, 2019	0.96	0.96	0.96	100.0%
18840422	360	133	BURNETT	13127750	5	May 20, 2019	1.46	1.46	1.46	100.0%
18840422	103	1289	SHARP	13126500	6	May 20, 2019	0.64	0.64	0.64	100.0%
18840422	347	938	SHARP	13126500	6	May 20, 2019	4.00	4.00	4.00	100.0%
18840422	632	2077	SHARP	13126500	6	May 20, 2019	0.12	0.12	0.12	100.0%
18840422	2525	1903	SHARP	13126500	6	May 20, 2019	0.08	0.08	0.08	100.0%
18840501	501	1324	Zollinger 2	13122990	8	May 20, 2019	3.43	3.43	3.43	100.0%
18840520	2332	753	MOORE	13132050	4	May 20, 2019	0.42	0.42	0.42	100.0%
18840520	2332	752	MOORE	13132050	4	May 20, 2019	0.36	0.36	0.36	100.0%
18840520	2335	1886	MOORE	13132050	4	May 20, 2019	0.76	0.76	0.76	100.0%
18840520	156	2002	MOORE	13132050	4	May 20, 2019	0.38	0.38	0.38	100.0%
18840520	180	470	MOORE	13132050	4	May 20, 2019	0.16	0.16	0.16	100.0%
18840520	463	1300	MOORE	13132050	4	May 20, 2019	1.60	1.60	1.60	100.0%
18840520	263	394	MOORE	13132050	4	May 20, 2019	0.22	0.22	0.22	100.0%
18840520	459	1478	MOORE	13132050	4	May 20, 2019	0.01	0.01	0.01	100.0%
18840520	2331	463	MOORE	13132050	4	May 20, 2019	2.24	2.24	2.24	100.0%
18840520	651	1727	MOORE	13132050	4	May 20, 2019	0.02	0.02	0.02	100.0%
18840520	433	271	MOORE	13132050	4	May 20, 2019	0.54	0.54	0.54	100.0%
18840520	427	1	MOORE	13132050	4	May 20, 2019	1.12	1.12	1.12	100.0%
18840520	14	2061	MOORE	13132050	4	May 20, 2019	0.04	0.04	0.04	100.0%
18840520	2331	471	MOORE	13132050	4	May 20, 2019	2.14	2.14	2.14	100.0%
18840520	85	1584	MOORE	13132050	4	May 20, 2019	0.22	0.22	0.22	100.0%
18840520	566	1782	MOORE	13132050	4	May 20, 2019	0.78	0.78	0.78	100.0%
18840520	14	2002	MOORE	13132050	4	May 20, 2019	0.02	0.02	0.02	100.0%
18840520	96	451	MOORE	13132050	4	May 20, 2019	0.58	0.58	0.58	100.0%
18840520	604	2054	MOORE	13132050	4	May 20, 2019	1.15	1.15	1.15	100.0%
18840531	338	122	DARLINGTON	13127735	5	May 20, 2019	0.72	0.72	0.72	100.0%
18840601	85	1585	MOORE	13132050	4	May 20, 2019	0.08	0.08	0.08	100.0%
18840601	263	395	MOORE	13132050	4	May 20, 2019	0.08	0.08	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	May 20, 2019	0.09	0.09	0.09	100.0%

18840601	85	1545	MOORE	13132050	4	May 20, 2019	0.54	0.54	0.54	100.0%
18840601	96	453	MOORE	13132050	4	May 20, 2019	0.21	0.21	0.21	100.0%
18840601	359	1012	MOORE	13132050	4	May 20, 2019	1.28	1.28	1.28	100.0%
18840601	651	1728	MOORE	13132050	4	May 20, 2019	0.01	0.01	0.01	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 20, 2019	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 20, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 20, 2019	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	May 20, 2019	1.20	1.20	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	May 20, 2019	0.80	0.80	0.80	100.0%
18840715	133	324	MOORE	13132050	4	May 20, 2019	0.80	0.80	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	May 20, 2019	0.80	0.80	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	May 20, 2019	1.20	1.20	1.20	100.0%
18840715	459	798	MOORE	13132050	4	May 20, 2019	0.80	0.80	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	May 20, 2019	0.80	0.80	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	May 20, 2019	0.80	0.80	0.80	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	May 20, 2019	0.40	0.40	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	May 20, 2019	0.44	0.44	0.44	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	May 20, 2019	1.31	1.31	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	May 20, 2019	3.20	3.20	3.20	100.0%
18841012	433	1081	MOORE	13132050	4	May 20, 2019	1.25	1.25	1.25	100.0%
18841012	459	342	MOORE	13132050	4	May 20, 2019	0.58	0.58	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	May 20, 2019	0.89	0.89	0.89	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 20, 2019	0.81	0.81	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 20, 2019	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	May 20, 2019	0.74	0.74	0.74	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 20, 2019	0.79	0.79	0.79	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 20, 2019	0.61	0.61	0.61	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 20, 2019	1.65	1.65	1.65	100.0%
18850501	426	887	ARCO	13132365	2	May 20, 2019	0.64	0.95	0.64	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	May 20, 2019	0.24	0.24	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 20, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	May 20, 2019	0.20	0.20	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	May 20, 2019	2.34	2.34	2.34	100.0%
18850531	63	1354	MOORE	13132050	4	May 20, 2019	1.56	1.56	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	May 20, 2019	3.20	3.20	3.20	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 20, 2019	3.20	3.20	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	May 20, 2019	0.50	0.50	0.50	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 20, 2019	2.60	2.60	2.60	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 20, 2019	0.28	0.28	0.28	100.0%
18851002	356	42	ARCO	13132365	2	May 20, 2019	4.50	6.67	4.50	100.0%
18851002	356	82	ARCO	13132365	2	May 20, 2019	2.86	4.24	2.86	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 20, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	May 20, 2019	1.20	1.20	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 20, 2019	2.80	2.80	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	May 20, 2019	3.94	3.94	3.94	100.0%
18860512	96	459	MOORE	13132050	4	May 20, 2019	0.48	0.48	0.48	100.0%
18860512	263	398	MOORE	13132050	4	May 20, 2019	0.18	0.18	0.01	6.1%
18860512	85	1588	MOORE	13132050	4	May 20, 2019	0.18	0.18	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	May 20, 2019	0.01	0.01	0.01	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	May 20, 2019	1.27	1.27	1.27	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	May 20, 2019	1.24	1.24	1.24	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 20, 2019	0.50	0.50	0.50	100.0%
18860630	604	1710	MOORE	13132050	4	May 20, 2019	0.04	0.04	0.04	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 20, 2019	1.42	1.42	1.42	100.0%
18860717	207	1798	DARLINGTON	13127735	5	May 20, 2019	0.85	0.85	0.85	100.0%
18860717	381	1762	DARLINGTON	13127735	5	May 20, 2019	0.57	0.57	0.57	100.0%
18860721	260	1668	BURNETT	13127750	5	May 20, 2019	1.20	1.20	1.20	100.0%
18870313	459	338	MOORE	13132050	4	May 20, 2019	0.42	0.42	0.42	100.0%
18870313	459	682	MOORE	13132050	4	May 20, 2019	0.65	0.65	0.65	100.0%
18870313	433	683	MOORE	13132050	4	May 20, 2019	0.70	0.70	0.70	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 20, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 20, 2019	3.30	3.30	3.30	100.0%
18870601	252	353	DARLINGTON	13127735	5	May 20, 2019	0.43	0.43	0.43	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 20, 2019	0.20	0.20	0.20	100.0%

18870601	483	1270	CHILLY	13121105	9	May 20, 2019	0.94	0.94	0.94	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 20, 2019	1.46	1.46	1.46	100.0%
18870630	323	945	BURNETT	13127750	5	May 20, 2019	0.60	0.60	0.60	100.0%
18880401	682	2139	NEILSEN	13120805	9	May 20, 2019	0.20	0.20	0.20	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 20, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 20, 2019	0.23	0.23	0.23	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 20, 2019	0.37	0.37	0.37	100.0%
18880601	629	1497	HOWELL	13120490	10	May 20, 2019	1.50	1.50	1.50	100.0%
18880801	442	750	MUNSEY	13132375	2	May 20, 2019	0.40	0.59	0.40	100.0%
18881101	59	2222	KENT	13120605	9	May 20, 2019	1.66	1.66	1.66	100.0%
18881101	2610	2095	KENT	13120605	9	May 20, 2019	1.54	1.54	1.54	100.0%
18890510	207	1814	DARLINGTON	13127735	5	May 20, 2019	0.23	0.23	0.23	100.0%
18890601	652	1566	MOORE	13132050	4	May 20, 2019	0.50	0.50	0.50	100.0%
18890601	441	205	MOORE	13132050	4	May 20, 2019	0.97	0.97	0.97	100.0%
18890601	463	1396	MOORE	13132050	4	May 20, 2019	0.20	0.20	0.20	100.0%
18890601	475	969	BURNETT	13127750	5	May 20, 2019	1.20	1.20	1.20	100.0%
18900601	426	756	ARCO	13132365	2	May 20, 2019	0.57	0.84	0.57	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 20, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	May 20, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 20, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 20, 2019	1.70	1.70	1.70	100.0%
18910630	2332	1255	MOORE	13132050	4	May 20, 2019	0.52	0.52	0.52	100.0%
18910630	2332	1254	MOORE	13132050	4	May 20, 2019	0.48	0.48	0.48	100.0%
18910630	44	1003	MOORE	13132050	4	May 20, 2019	0.76	0.76	0.76	100.0%
18910630	44	1253	MOORE	13132050	4	May 20, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	May 20, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 20, 2019	1.50	1.50	1.50	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 20, 2019	1.45	1.45	1.45	100.0%
18930201	463	1423	MOORE	13132050	4	May 20, 2019	0.30	0.30	0.30	100.0%
18930201	417	380	MOORE	13132050	4	May 20, 2019	0.22	0.22	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	May 20, 2019	0.30	0.30	0.30	100.0%
18930323	77	366	MOORE	13132050	4	May 20, 2019	0.14	0.14	0.14	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 20, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	May 20, 2019	0.05	0.05	0.05	100.0%
18931101	2610	2096	KENT	13120605	9	May 20, 2019	0.46	0.46	0.46	100.0%
18931101	59	2223	KENT	13120605	9	May 20, 2019	0.29	0.29	0.29	100.0%
18940310	475	989	BURNETT	13127750	5	May 20, 2019	0.44	0.44	0.44	100.0%
18940310	265	2217	BURNETT	13127750	5	May 20, 2019	2.80	2.80	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	May 20, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 20, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 20, 2019	0.80	0.80	0.80	100.0%
18940601	417	379	MOORE	13132050	4	May 20, 2019	0.15	0.15	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	May 20, 2019	3.20	3.20	3.20	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 20, 2019	0.11	0.11	0.11	100.0%
18940601	2525	1904	SHARP	13126500	6	May 20, 2019	0.06	0.06	0.06	100.0%
18940601	632	1724	SHARP	13126500	6	May 20, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	May 20, 2019	1.20	1.20	1.20	100.0%
18940926	252	357	DARLINGTON	13127735	5	May 20, 2019	0.30	0.30	0.30	100.0%
18950501	307	619	NEILSEN	13120805	9	May 20, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	May 20, 2019	0.80	0.80	0.80	100.0%
18950601	417	378	MOORE	13132050	4	May 20, 2019	0.10	0.10	0.10	100.0%
18950601	482	869	UPPER EASTSIDE &	13132101	4	May 20, 2019	0.42	0.42	0.42	100.0%
18950601	445	410	NEILSEN	13120805	9	May 20, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 20, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	May 20, 2019	3.20	3.20	3.20	100.0%
18950630	265	2218	BURNETT	13127750	5	May 20, 2019	1.40	1.40	1.40	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 20, 2019	0.50	0.50	0.50	100.0%
18960601	2334	1495	MOORE	13132050	4	May 20, 2019	2.40	2.40	2.40	100.0%
18960601	263	399	MOORE	13132050	4	May 20, 2019	0.27	0.27	0.27	100.0%
18960601	263	397	MOORE	13132050	4	May 20, 2019	0.35	0.35	0.35	100.0%
18960601	459	993	MOORE	13132050	4	May 20, 2019	0.40	0.40	0.40	100.0%
18960601	459	1120	MOORE	13132050	4	May 20, 2019	0.40	0.40	0.40	100.0%
18960601	417	381	MOORE	13132050	4	May 20, 2019	2.40	2.40	2.40	100.0%
18960601	463	128	MOORE	13132050	4	May 20, 2019	1.60	1.60	1.60	100.0%

18960601	441	207	MOORE	13132050	4	May 20, 2019	0.99	0.99	0.99	100.0%
18960601	651	1732	MOORE	13132050	4	May 20, 2019	0.02	0.02	0.02	100.0%
18960601	96	461	MOORE	13132050	4	May 20, 2019	0.67	0.67	0.67	100.0%
18960601	96	457	MOORE	13132050	4	May 20, 2019	0.92	0.92	0.92	100.0%
18960601	85	1522	MOORE	13132050	4	May 20, 2019	0.18	0.18	0.18	100.0%
18960601	652	1567	MOORE	13132050	4	May 20, 2019	0.60	0.60	0.60	100.0%
18960601	85	1521	MOORE	13132050	4	May 20, 2019	0.23	0.23	0.23	100.0%
18960601	604	1711	MOORE	13132050	4	May 20, 2019	0.09	0.09	0.09	100.0%
18960601	417	992	MOORE	13132050	4	May 20, 2019	1.20	1.20	1.20	100.0%
18960601	651	1730	MOORE	13132050	4	May 20, 2019	0.03	0.03	0.03	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	May 20, 2019	0.04	0.04	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	May 20, 2019	0.41	0.41	0.41	100.0%
18960601	252	359	DARLINGTON	13127735	5	May 20, 2019	0.77	0.77	0.77	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 20, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 20, 2019	2.00	2.96	2.00	100.0%
18960928	150	215	MUNSEY	13132375	2	May 20, 2019	1.56	2.31	1.56	100.0%
18960928	442	2158	MUNSEY	13132375	2	May 20, 2019	4.40	6.52	4.40	100.0%
18960928	407	307	MUNSEY	13132375	2	May 20, 2019	0.51	0.76	0.51	100.0%
18970510	430	641	MOORE	13132050	4	May 20, 2019	0.50	0.50	0.50	100.0%
18970510	411	673	DARLINGTON	13127735	5	May 20, 2019	3.44	3.44	3.44	100.0%
18970510	411	674	DARLINGTON	13127735	5	May 20, 2019	0.63	0.63	0.63	100.0%
18970515	604	1877	MOORE	13132050	4	May 20, 2019	1.29	1.29	1.29	100.0%
18970515	463	686	MOORE	13132050	4	May 20, 2019	1.60	1.60	1.60	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 20, 2019	2.00	2.00	2.00	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	May 20, 2019	0.13	0.13	0.13	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	May 20, 2019	0.65	0.65	0.65	100.0%
18990327	14	2062	MOORE	13132050	4	May 20, 2019	0.01	0.01	0.01	100.0%
18990327	180	468	MOORE	13132050	4	May 20, 2019	0.05	0.05	0.05	100.0%
18990327	566	1830	MOORE	13132050	4	May 20, 2019	0.21	0.21	0.21	100.0%
18990327	604	2055	MOORE	13132050	4	May 20, 2019	0.29	0.29	0.29	100.0%
18990327	604	1876	MOORE	13132050	4	May 20, 2019	0.91	0.91	0.91	100.0%
18990327	2331	469	MOORE	13132050	4	May 20, 2019	0.53	0.53	0.53	100.0%
18990327	2331	467	MOORE	13132050	4	May 20, 2019	0.60	0.60	0.60	100.0%
18990327	433	272	MOORE	13132050	4	May 20, 2019	0.47	0.47	0.47	100.0%
18990327	459	1477	MOORE	13132050	4	May 20, 2019	0.01	0.01	0.01	100.0%
18990509	442	1364	MUNSEY	13132375	2	May 20, 2019	1.20	1.78	1.20	100.0%
18990601	180	2110	MOORE	13132050	4	May 20, 2019	0.51	0.51	0.51	100.0%
18990601	140	2071	MOORE	13132050	4	May 20, 2019	0.03	0.03	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	May 20, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 20, 2019	0.60	0.60	0.60	100.0%
18991001	682	2180	NEILSEN	13120805	9	May 20, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	May 20, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 20, 2019	3.20	3.20	3.20	100.0%
19010901	459	684	MOORE	13132050	4	May 20, 2019	0.35	0.35	0.35	100.0%
19010901	459	340	MOORE	13132050	4	May 20, 2019	0.23	0.23	0.23	100.0%
19011001	651	1729	MOORE	13132050	4	May 20, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	May 20, 2019	0.12	0.12	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	May 20, 2019	1.32	1.96	1.32	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	May 20, 2019	0.20	0.20	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 20, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 20, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	May 20, 2019	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	May 20, 2019	3.00	3.00	3.00	100.0%
19020301	373	24	CHILLY	13121105	9	May 20, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	May 20, 2019	3.20	3.20	3.20	100.0%
19020301	307	676	CHILLY	13121105	9	May 20, 2019	2.40	2.40	2.40	100.0%
19020304	129	2186	CHILLY	13121105	9	May 20, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 20, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	May 20, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	May 20, 2019	0.30	0.30	0.30	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 20, 2019	3.43	3.43	3.43	100.0%
19020601	682	742	NEILSEN	13120805	9	May 20, 2019	0.30	0.30	0.30	100.0%
19030224	364	953	CHILLY	13121105	9	May 20, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 20, 2019	1.60	1.60	1.60	100.0%

19040601	139	1148	DARLINGTON	13127735	5	May 20, 2019	0.18	0.18	0.18	100.0%
19040601	139	731	DARLINGTON	13127735	5	May 20, 2019	0.60	0.60	0.60	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 20, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 20, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 20, 2019	0.13	0.13	0.13	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 20, 2019	3.00	3.00	3.00	100.0%
19050501	154	2152	NEILSEN	13120805	9	May 20, 2019	0.10	0.10	0.10	100.0%
19050501	130	74	NEILSEN	13120805	9	May 20, 2019	1.30	1.30	1.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 20, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 20, 2019	0.65	0.65	0.65	100.0%
19050501	403	811	NEILSEN	13120805	9	May 20, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 20, 2019	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	May 20, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	May 20, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	May 20, 2019	0.78	0.78	0.78	100.0%
19060501	430	1618	MOORE	13132050	4	May 20, 2019	0.97	0.97	0.97	100.0%
19060501	430	1580	MOORE	13132050	4	May 20, 2019	0.25	0.25	0.25	100.0%
19060501	430	1620	MOORE	13132050	4	May 20, 2019	1.17	1.17	1.17	100.0%
19070501	358	321	NEILSEN	13120805	9	May 20, 2019	0.20	0.20	0.20	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	May 20, 2019	0.42	0.42	0.42	99.5%
19080709	475	1098	BURNETT	13127750	5	May 20, 2019	0.16	0.16	0.16	100.0%
19081207	459	1080	MOORE	13132050	4	May 20, 2019	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	May 20, 2019	0.33	0.33	0.33	100.0%
19090719	2338	1295	UPPER EASTSIDE &	13132101	4	May 20, 2019	0.40	0.40	0.40	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 20, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 20, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 20, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 20, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 20, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 20, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	May 20, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 20, 2019	2.20	2.20	2.20	100.0%
19121014	403	813	NEILSEN	13120805	9	May 20, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	May 20, 2019	0.20	0.20	0.20	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	May 20, 2019	0.13	0.13	0.13	100.0%
19121111	330	230	UPPER EASTSIDE &	13132101	4	May 20, 2019	0.08	0.08	0.08	100.0%
19131224	373	25	CHILLY	13121105	9	May 20, 2019	0.12	0.12	0.12	100.0%
19140601	445	413	NEILSEN	13120805	9	May 20, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	May 20, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	May 20, 2019	0.60	0.60	0.60	100.0%
19160212	682	1054	NEILSEN	13120805	9	May 20, 2019	0.03	0.03	0.03	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 20, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	May 20, 2019	1.71	1.71	1.71	100.0%
19160701	101	1208	NEILSEN	13120805	9	May 20, 2019	2.00	2.00	2.00	100.0%
19170620	307	71	NEILSEN	13120805	9	May 20, 2019	2.16	2.16	2.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 20, 2019	0.02	0.02	0.02	100.0%
19240806	417	695	MOORE	13132050	4	May 20, 2019	0.50	0.50	0.50	100.0%
19600824	430	1617	MOORE	13132050	4	May 20, 2019	0.55	0.55	0.55	100.0%
19600824	430	1579	MOORE	13132050	4	May 20, 2019	0.14	0.14	0.14	100.0%
19600824	430	1619	MOORE	13132050	4	May 20, 2019	0.60	0.60	0.60	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 20, 2019	4.40	6.52	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 20, 2019	14.88	22.05	14.88	100.0%
19770529	327	176	MUNSEY	13132375	2	May 20, 2019	0.26	0.39	0.25	96.2%
19810501	566	1684	MOORE	13132050	4	May 20, 2019	0.82	0.82	0.82	100.0%
19950411	476	1273	BECK	13130525	4	May 20, 2019	3.50	3.50	3.50	100.0%
19950411	476	1273	DARLINGTON	13127735	5	May 20, 2019	0.36	0.36	0.36	100.0%
19950411	476	1273	BURNETT	13127750	5	May 20, 2019	55.44	55.44	55.44	100.0%
19950411	476	1273	SHARP	13126500	6	May 20, 2019	1.62	1.62	1.62	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 20, 2019	9969.40	9969.40	479.55	4.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 21, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		May 21	682.0	2.0	0.0	684.0	0.00	684.0	2.0	0.0	0.0	682.0	0.0	0.0
9	Howell to Chilly		May 21	552.0	99.8	0.0	-30.2	0.04	653.8	97.1	2.7	0.0	554.7	-2.7	0.0
8	Chilly to Reservoir	*	May 21	649.3	47.6	0.0	144.9	0.00	798.7	46.8	0.8	0.0	652.7	-3.5	0.0
	Connected														
7	Mackay Reservoir	*	May 21	459.7	0.0	0.0	0.0	0.00	815.7	502.3		0.0	150.4	309.3	0.0
6	Reservoir to 2B		May 21	453.0	6.7	0.0	0.0	0.00	798.7	6.7	0.0	0.0	143.7	309.3	0.0
5	2B to Leslie		May 21	344.0	126.0	0.0	17.0	0.00	815.7	108.6	17.4	0.0	52.1	291.9	0.0
4	Leslie to Moore		May 21	187.7	180.7	0.0	24.4	0.00	840.1	76.5	104.1	0.0	0.0	187.7	0.0
2	Moore to blw Munsey		May 21	196.0	0.0	0.0	8.3	0.00	848.3	0.0	0.0	0.0	8.3	187.7	0.0
1	Blw Munsey to Arco		May 21	148.0	0.0	0.0	-48.0	0.24	848.3	0.0	0.0	0.0	6.2	141.8	0.0
								TOTAL		840.1	125.0	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 21	0.0	0.0		20180101	5%
9	Howell to Chilly	May 21	0.0	0.0		20180101	5%
8	Chilly to Reservoir	May 21	0.0	0.0		20180101	5%
	Connected						
7	Mackay Reservoir	May 21	0.0	0.0		20180101	5%
6	Reservoir to 2B	May 21	0.0	0.0		20180101	5%
5	2B to Leslie	May 21	0.0	0.0		20180101	5%
4	Leslie to Moore	May 21	0.0	0.0		20180101	5%
2	Moore to blw Munsey	May 21	0.0	0.0		20180101	5%
1	Blw Munsey to Arco	May 21	2.0	46.0		20180101	5%
	TOTAL		2.0	46.0	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	133.3
2	18810630	1.7	294.0	70.8
3	18880601	3.2	556.5	133.3
4	18960601	6.4	1113.0	266.6
5	19020301	0.8	140.0	33.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	10118.1
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	54606.4

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
31270.0	31640.0	370.0	186.5	3.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	10755.4
Total Storage Loss	-3730.8
Total Storage Deliver	-3981.9
Total Evaporation	-272.7
Accounting Balance	31640.1
Current Res Content	31640.0
Storage Balance Error	0.1

DAILY STORAGE BALANCE

```
 31270.0 Reservoir Content Previous Day [ac-ft]
 31640.0 Reservoir Content Current Day [ac-ft]
   370.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------
           996.3 Storage Allocated to Mackay Reservoir [ac-ft]

          -372.4 Stored Flow Losses [ac-ft]
                   0.0 2B to Leslie [cfs]
                   0.0 Leslie to Moore [cfs]
                   0.0 Moore blw Munsey [cfs]
                 -46.0 blw Munsey to Arco Gage [cfs]
                -141.8 Past Arco Gage [cfs]

          -247.9 Storage Delivered [ac-ft]
                   3.5 Above Reservoir [cfs]
                   0.0 Reservoir to 2B [cfs]
                  17.4 2B to Leslie [cfs]
                 104.1 Leslie to Moore [cfs]
                   0.0 Moore to blw Munsey [cfs]
                   0.0 blw Munsey to Arco Gage [cfs]

            -6.0 Evaporation [ac-ft]

   370.0 Accounting Change in Storage [ac-ft]
-------------------------------------------------------
     0.0 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   649.3 Gain in/above Mackay Reservoir [cfs]
    17.0 Gain in Reach 5: 2-B to Leslie [cfs]
    24.4 Gain in Reach 4: Leslie to Moore [cfs]
     8.3 Gain in Reach 2: Moore to Munsey [cfs]
     0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------
   699.0 Total Available Natural Flow [cfs]
-------------------------------------------------------
           502.3 Reservoir Rights Diverted [cfs]

             8.3 Natural Flow Losses below Reservoir [cfs]
                 0.0 2B to Leslie [cfs]
                 0.0 Leslie to Moore [cfs]
                 0.0 Moore to blw Munsey [cfs]
                 2.0 blw Munsey to Arco Gage [cfs]
                 6.2 Natural Flow Past Arco Gage [cfs]

           188.3 Natural Flow Delivered [cfs]
                -3.5 Above Reservoir Storage Use [cfs]
                 6.7 Reservoir to 2B [cfs]
               108.6 2B to Leslie [cfs]
                76.5 Leslie to Moore [cfs]
                 0.0 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

   698.9 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------
     0.1 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.5	575
Eastside Felton Wier +	32.6	1630
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	44.1	2205
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	0.0	0
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	81.4	4070
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	29.4	1470
Total Out	110.8	5540

Abbreviated Reach Delivery Factor 2.51
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 435.8%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 29.4 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 6.7 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 77.3%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 8.7 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 72.3 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 250.9%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 336.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 21, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.0	0.0	0.0	8	No Tellum 2	6.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	6.7	0.0	8.3
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	6.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	16.8	6.8	140.2
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	32.6	0.0	452.6
9	NEILSEN	40.8	2.7	95.9	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	76.6	10.6	578.7
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	48.0	0.0	0.0	8	Broken River Pum	0.0	0.0	3.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	3.4	0.0	90.6
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	33.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	6.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	105.0	37.7	1424.5
8	Mtn. Springs 1	5.0	0.0	55.5	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	72.3	69.4	1287.3
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	0.0	0.0	170.4
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	0.0	0.0	151.0
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.4	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	5.5	10.9	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 21, 2019	5.00	5.00	5.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 21, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 21, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 21, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 21, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 21, 2019	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 21, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 2	13123070	8	May 21, 2019	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 21, 2019	1.20	1.20	1.20	100.0%
18830601	566	1778	MOORE	13132050	4	May 21, 2019	0.27	0.27	0.27	100.0%
18830601	221	855	MOORE	13132050	4	May 21, 2019	1.60	1.60	1.60	100.0%
18830601	2331	465	MOORE	13132050	4	May 21, 2019	0.79	0.79	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	May 21, 2019	1.54	1.54	1.54	100.0%
18830810	85	1583	MOORE	13132050	4	May 21, 2019	0.18	0.18	0.18	100.0%
18830810	263	393	MOORE	13132050	4	May 21, 2019	0.18	0.18	0.18	100.0%
18830810	96	449	MOORE	13132050	4	May 21, 2019	0.48	0.48	0.48	100.0%
18830810	2332	1088	MOORE	13132050	4	May 21, 2019	1.50	1.50	1.50	100.0%
18830810	651	1726	MOORE	13132050	4	May 21, 2019	0.01	0.01	0.01	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	May 21, 2019	0.21	0.21	0.21	100.0%
18840422	433	1427	MOORE	13132050	4	May 21, 2019	0.14	0.14	0.14	100.0%
18840422	585	951	SWAUGER	13127600	5	May 21, 2019	0.18	0.18	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 21, 2019	0.07	0.07	0.07	100.0%
18840422	360	133	BURNETT	13127750	5	May 21, 2019	1.46	1.46	1.46	100.0%
18840422	347	938	SHARP	13126500	6	May 21, 2019	4.00	4.00	4.00	100.0%
18840422	103	1289	SHARP	13126500	6	May 21, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	May 21, 2019	0.12	0.12	0.12	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 21, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 21, 2019	1.80	1.80	1.80	100.0%
18840520	96	451	MOORE	13132050	4	May 21, 2019	0.58	0.58	0.58	100.0%
18840520	651	1727	MOORE	13132050	4	May 21, 2019	0.02	0.02	0.02	100.0%
18840520	14	2061	MOORE	13132050	4	May 21, 2019	0.04	0.04	0.04	100.0%
18840520	14	2002	MOORE	13132050	4	May 21, 2019	0.02	0.02	0.02	100.0%
18840520	156	2002	MOORE	13132050	4	May 21, 2019	0.38	0.38	0.38	100.0%
18840520	414	1796	MOORE	13132050	4	May 21, 2019	1.32	1.32	1.32	100.0%
18840520	263	394	MOORE	13132050	4	May 21, 2019	0.22	0.22	0.22	100.0%
18840520	2331	463	MOORE	13132050	4	May 21, 2019	2.24	2.24	2.24	100.0%
18840520	2332	752	MOORE	13132050	4	May 21, 2019	0.36	0.36	0.36	100.0%
18840520	2335	1886	MOORE	13132050	4	May 21, 2019	0.84	0.84	0.84	100.0%
18840520	2332	753	MOORE	13132050	4	May 21, 2019	0.42	0.42	0.42	100.0%
18840520	2331	471	MOORE	13132050	4	May 21, 2019	2.14	2.14	2.14	100.0%
18840520	85	1584	MOORE	13132050	4	May 21, 2019	0.22	0.22	0.22	100.0%
18840520	427	1	MOORE	13132050	4	May 21, 2019	1.24	1.24	1.24	100.0%
18840520	604	2054	MOORE	13132050	4	May 21, 2019	1.15	1.15	1.15	100.0%
18840520	463	1300	MOORE	13132050	4	May 21, 2019	1.60	1.60	1.60	100.0%
18840520	566	1782	MOORE	13132050	4	May 21, 2019	0.78	0.78	0.78	100.0%
18840520	459	1478	MOORE	13132050	4	May 21, 2019	0.01	0.01	0.01	100.0%
18840520	433	271	MOORE	13132050	4	May 21, 2019	0.54	0.54	0.54	100.0%
18840601	96	453	MOORE	13132050	4	May 21, 2019	0.21	0.21	0.21	100.0%
18840601	263	395	MOORE	13132050	4	May 21, 2019	0.08	0.08	0.08	100.0%
18840601	651	1728	MOORE	13132050	4	May 21, 2019	0.01	0.01	0.01	100.0%
18840601	85	1544	MOORE	13132050	4	May 21, 2019	0.09	0.09	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	May 21, 2019	0.54	0.54	0.54	100.0%
18840601	85	1585	MOORE	13132050	4	May 21, 2019	0.08	0.08	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	May 21, 2019	1.28	1.28	1.28	100.0%
18840601	317	940	No Tellum 2	13123070	8	May 21, 2019	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 21, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 21, 2019	0.80	0.80	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	May 21, 2019	1.20	1.20	0.11	9.6%
18840715	459	798	MOORE	13132050	4	May 21, 2019	0.80	0.80	0.80	100.0%

18840715	12	1296	MOORE	13132050	4	May 21, 2019	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	May 21, 2019	1.20	1.20	1.20	100.0%
18840715	133	324	MOORE	13132050	4	May 21, 2019	0.80	0.80	0.80	100.0%
18840831	306	1694	MOORE	13132050	4	May 21, 2019	0.58	0.58	0.58	100.0%
18840831	306	1200	MOORE	13132050	4	May 21, 2019	0.20	0.20	0.20	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	May 21, 2019	1.31	1.31	1.31	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	May 21, 2019	0.40	0.40	0.40	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 21, 2019	1.74	1.74	1.74	100.0%
18841012	459	342	MOORE	13132050	4	May 21, 2019	0.58	0.58	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	May 21, 2019	0.89	0.89	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	May 21, 2019	1.25	1.25	1.25	100.0%
18841012	524	11	SWAUGER	13127600	5	May 21, 2019	1.40	1.40	1.40	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 21, 2019	0.81	0.81	0.81	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 21, 2019	1.20	1.20	1.20	100.0%
18841012	317	385	SWAUGER	13127600	5	May 21, 2019	0.74	0.74	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 21, 2019	2.77	2.77	2.77	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 21, 2019	1.65	1.65	1.65	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 21, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	May 21, 2019	0.20	0.20	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	May 21, 2019	2.34	2.34	2.34	100.0%
18850531	63	1354	MOORE	13132050	4	May 21, 2019	1.56	1.56	1.56	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 21, 2019	3.20	3.20	3.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 21, 2019	0.28	0.28	0.28	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 21, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	May 21, 2019	1.20	1.20	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 21, 2019	2.80	2.80	2.80	100.0%
18860512	651	1731	MOORE	13132050	4	May 21, 2019	0.01	0.01	0.01	100.0%
18860512	85	1588	MOORE	13132050	4	May 21, 2019	0.18	0.18	0.18	100.0%
18860512	263	398	MOORE	13132050	4	May 21, 2019	0.18	0.18	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 21, 2019	0.48	0.48	0.48	100.0%
18860601	357	1288	BURNETT	13127750	5	May 21, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 21, 2019	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 21, 2019	0.50	0.50	0.50	100.0%
18860630	604	1710	MOORE	13132050	4	May 21, 2019	0.04	0.04	0.04	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 21, 2019	1.00	1.00	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	May 21, 2019	0.60	0.60	0.60	100.0%
18860721	260	1668	BURNETT	13127750	5	May 21, 2019	1.20	1.20	1.20	100.0%
18870313	459	682	MOORE	13132050	4	May 21, 2019	0.65	0.65	0.65	100.0%
18870313	459	338	MOORE	13132050	4	May 21, 2019	0.42	0.42	0.42	100.0%
18870313	433	683	MOORE	13132050	4	May 21, 2019	0.70	0.70	0.70	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 21, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 21, 2019	2.80	2.80	2.80	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 21, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 2	13123070	8	May 21, 2019	1.20	1.20	1.20	100.0%
18880401	279	2120	Anderson	13120745	9	May 21, 2019	0.97	0.97	0.97	100.0%
18880401	2329	1733	NEILSEN	13120805	9	May 21, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	May 21, 2019	0.20	0.20	0.20	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 21, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	May 21, 2019	1.60	1.60	1.60	100.0%
18880801	279	2125	Anderson	13120745	9	May 21, 2019	1.45	1.45	1.45	100.0%
18880801	232	2156	NEILSEN	13120805	9	May 21, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	May 21, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	KENT	13120605	9	May 21, 2019	1.66	1.66	1.66	100.0%
18881101	2610	2095	KENT	13120605	9	May 21, 2019	1.54	1.54	1.54	100.0%
18890601	652	1566	MOORE	13132050	4	May 21, 2019	0.50	0.50	0.50	100.0%
18890601	463	1396	MOORE	13132050	4	May 21, 2019	0.20	0.20	0.20	100.0%
18890601	475	969	BURNETT	13127750	5	May 21, 2019	1.20	1.20	1.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	May 21, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 21, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 21, 2019	3.00	3.00	3.00	100.0%
18910630	2332	1254	MOORE	13132050	4	May 21, 2019	0.48	0.48	0.48	100.0%
18910630	2332	1255	MOORE	13132050	4	May 21, 2019	0.52	0.52	0.52	100.0%
18910801	307	77	CHILLY	13121105	9	May 21, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 21, 2019	2.00	2.00	2.00	100.0%

18921101	474	967	Upper Fish Hatch	13124160	8	May 21, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 21, 2019	0.22	0.22	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	May 21, 2019	0.30	0.30	0.30	100.0%
18930201	463	1423	MOORE	13132050	4	May 21, 2019	0.30	0.30	0.30	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 21, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	May 21, 2019	0.79	0.79	0.79	100.0%
18931101	2610	2096	KENT	13120605	9	May 21, 2019	0.96	0.96	0.96	100.0%
18931101	59	1279	KENT	13120605	9	May 21, 2019	0.05	0.05	0.05	100.0%
18940310	357	15	BURNETT	13127750	5	May 21, 2019	0.40	0.40	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	May 21, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 21, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	May 21, 2019	2.60	2.60	2.60	100.0%
18940521	463	933	MOORE	13132050	4	May 21, 2019	0.80	0.80	0.80	100.0%
18940601	417	379	MOORE	13132050	4	May 21, 2019	0.15	0.15	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 21, 2019	0.01	0.01	0.01	100.0%
18940601	632	1724	SHARP	13126500	6	May 21, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	May 21, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	May 21, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 21, 2019	0.10	0.10	0.10	100.0%
18950601	445	410	NEILSEN	13120805	9	May 21, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 21, 2019	0.02	0.02	0.02	100.0%
18950630	265	2218	BURNETT	13127750	5	May 21, 2019	1.60	1.60	1.60	100.0%
18960601	85	1522	MOORE	13132050	4	May 21, 2019	0.34	0.34	0.34	100.0%
18960601	459	1120	MOORE	13132050	4	May 21, 2019	0.40	0.40	0.40	100.0%
18960601	459	993	MOORE	13132050	4	May 21, 2019	0.40	0.40	0.40	100.0%
18960601	263	397	MOORE	13132050	4	May 21, 2019	0.35	0.35	0.35	100.0%
18960601	651	1732	MOORE	13132050	4	May 21, 2019	0.02	0.02	0.02	100.0%
18960601	417	381	MOORE	13132050	4	May 21, 2019	2.40	2.40	2.40	100.0%
18960601	2334	1495	MOORE	13132050	4	May 21, 2019	2.40	2.40	2.40	100.0%
18960601	651	1730	MOORE	13132050	4	May 21, 2019	0.03	0.03	0.03	100.0%
18960601	652	1567	MOORE	13132050	4	May 21, 2019	0.60	0.60	0.60	100.0%
18960601	463	128	MOORE	13132050	4	May 21, 2019	1.60	1.60	1.60	100.0%
18960601	306	1695	MOORE	13132050	4	May 21, 2019	0.10	0.10	0.10	100.0%
18960601	263	399	MOORE	13132050	4	May 21, 2019	0.27	0.27	0.27	100.0%
18960601	96	461	MOORE	13132050	4	May 21, 2019	0.73	0.73	0.73	100.0%
18960601	96	457	MOORE	13132050	4	May 21, 2019	0.92	0.92	0.92	100.0%
18960601	604	1711	MOORE	13132050	4	May 21, 2019	0.09	0.09	0.09	100.0%
18960601	417	992	MOORE	13132050	4	May 21, 2019	1.20	1.20	1.20	100.0%
18960601	85	1521	MOORE	13132050	4	May 21, 2019	0.23	0.23	0.23	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	May 21, 2019	0.04	0.04	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	May 21, 2019	0.41	0.41	0.41	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 21, 2019	6.40	6.40	6.40	100.0%
18970510	411	673	DARLINGTON	13127735	5	May 21, 2019	0.15	0.15	0.15	100.0%
18970515	463	686	MOORE	13132050	4	May 21, 2019	1.60	1.60	1.60	100.0%
18970515	604	1877	MOORE	13132050	4	May 21, 2019	1.29	1.29	1.29	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 21, 2019	2.00	2.00	2.00	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	May 21, 2019	0.13	0.13	0.13	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 21, 2019	2.40	2.40	2.40	100.0%
18980601	349	961	UPPER EASTSIDE &	13132101	4	May 21, 2019	0.03	0.03	0.03	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	May 21, 2019	0.65	0.65	0.65	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 21, 2019	0.30	0.30	0.30	100.0%
18990327	14	2062	MOORE	13132050	4	May 21, 2019	0.01	0.01	0.01	100.0%
18990327	459	1477	MOORE	13132050	4	May 21, 2019	0.01	0.01	0.01	100.0%
18990327	2331	467	MOORE	13132050	4	May 21, 2019	0.60	0.60	0.60	100.0%
18990327	2331	469	MOORE	13132050	4	May 21, 2019	0.54	0.54	0.54	100.0%
18990327	433	272	MOORE	13132050	4	May 21, 2019	0.48	0.48	0.48	100.0%
18990327	566	1830	MOORE	13132050	4	May 21, 2019	0.21	0.21	0.21	100.0%
18990327	604	1876	MOORE	13132050	4	May 21, 2019	0.91	0.91	0.91	100.0%
18990327	604	2055	MOORE	13132050	4	May 21, 2019	0.29	0.29	0.29	100.0%
18990601	140	2071	MOORE	13132050	4	May 21, 2019	0.03	0.03	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	May 21, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 21, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	May 21, 2019	1.03	1.03	1.03	100.0%
18991001	2329	1735	NEILSEN	13120805	9	May 21, 2019	0.46	0.46	0.46	100.0%

18991001	682	2180	NEILSEN	13120805	9	May 21, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	May 21, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 21, 2019	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	May 21, 2019	0.23	0.23	0.23	100.0%
19010901	433	685	MOORE	13132050	4	May 21, 2019	0.29	0.29	0.29	100.0%
19010901	459	684	MOORE	13132050	4	May 21, 2019	0.35	0.35	0.35	100.0%
19011001	96	455	MOORE	13132050	4	May 21, 2019	0.28	0.28	0.28	100.0%
19011001	263	396	MOORE	13132050	4	May 21, 2019	0.14	0.14	0.14	100.0%
19011001	651	1729	MOORE	13132050	4	May 21, 2019	0.01	0.01	0.01	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	May 21, 2019	0.20	0.20	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 21, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 21, 2019	0.06	0.06	0.06	100.0%
19020301	373	24	CHILLY	13121105	9	May 21, 2019	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	May 21, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	May 21, 2019	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	May 21, 2019	2.40	2.40	2.40	100.0%
19020301	310	836	CHILLY	13121105	9	May 21, 2019	0.80	0.80	0.80	100.0%
19020304	129	2186	CHILLY	13121105	9	May 21, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 21, 2019	0.80	0.80	0.80	100.0%
19020501	310	631	CHILLY	13121105	9	May 21, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	May 21, 2019	0.40	0.40	0.40	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 21, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	May 21, 2019	2.43	2.43	2.43	100.0%
19020601	682	742	NEILSEN	13120805	9	May 21, 2019	0.30	0.30	0.30	100.0%
19020601	2329	1739	NEILSEN	13120805	9	May 21, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	May 21, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	May 21, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 21, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 21, 2019	1.60	1.60	1.60	100.0%
19040601	279	2127	Anderson	13120745	9	May 21, 2019	0.12	0.12	0.12	100.0%
19040601	2329	1740	NEILSEN	13120805	9	May 21, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	May 21, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 21, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 21, 2019	0.13	0.13	0.13	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 21, 2019	0.65	0.65	0.65	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 21, 2019	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 21, 2019	0.82	0.82	0.82	100.0%
19050501	403	811	NEILSEN	13120805	9	May 21, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 21, 2019	0.40	0.40	0.40	100.0%
19050501	232	2155	NEILSEN	13120805	9	May 21, 2019	0.12	0.12	0.12	100.0%
19050501	2329	1737	NEILSEN	13120805	9	May 21, 2019	0.27	0.27	0.27	100.0%
19050501	130	74	NEILSEN	13120805	9	May 21, 2019	1.30	1.30	1.30	100.0%
19050501	129	2187	CHILLY	13121105	9	May 21, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	May 21, 2019	0.20	0.20	0.20	100.0%
19050501	373	432	CHILLY	13121105	9	May 21, 2019	0.58	0.58	0.58	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	May 21, 2019	0.42	0.42	0.42	99.5%
19080709	475	1098	BURNETT	13127750	5	May 21, 2019	0.16	0.16	0.16	100.0%
19081207	459	1080	MOORE	13132050	4	May 21, 2019	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	May 21, 2019	0.33	0.33	0.33	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 21, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 21, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 21, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 21, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 21, 2019	1.50	1.50	1.50	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 21, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	May 21, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	May 21, 2019	1.30	1.30	1.30	100.0%
19121014	130	75	NEILSEN	13120805	9	May 21, 2019	0.30	0.30	0.30	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	May 21, 2019	0.13	0.13	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	May 21, 2019	1.60	1.60	1.60	100.0%
19140601	445	412	NEILSEN	13120805	9	May 21, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	May 21, 2019	0.02	0.02	0.02	100.0%
19150504	373	434	CHILLY	13121105	9	May 21, 2019	0.22	0.22	0.22	100.0%
19160212	2329	1736	NEILSEN	13120805	9	May 21, 2019	0.10	0.10	0.10	100.0%

19160212	682	1054	NEILSEN	13120805	9	May 21, 2019	0.03	0.03	0.03	100.0%
19160501	129	2128	CHILLY	13121105	9	May 21, 2019	0.31	0.31	0.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 21, 2019	1.36	1.36	1.36	100.0%
19160601	2329	1734	NEILSEN	13120805	9	May 21, 2019	0.78	0.78	0.78	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 21, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 21, 2019	0.23	0.23	0.23	100.0%
19240806	417	695	MOORE	13132050	4	May 21, 2019	0.50	0.50	0.50	100.0%
19280501	12	165	MOORE	13132050	4	May 21, 2019	0.08	0.08	0.08	100.0%
19810501	566	1684	MOORE	13132050	4	May 21, 2019	0.82	0.82	0.82	100.0%
19950203	476	1272	MOORE	13132050	4	May 21, 2019	1.32	1.32	1.32	100.0%
19950411	476	1273	BECK	13130525	4	May 21, 2019	3.40	3.40	3.40	100.0%
19950411	476	1273	SWAUGER	13127600	5	May 21, 2019	2.82	2.82	2.82	100.0%
19950411	476	1273	DARLINGTON	13127735	5	May 21, 2019	27.00	27.00	27.00	100.0%
19950411	476	1273	BURNETT	13127750	5	May 21, 2019	55.14	55.14	55.14	100.0%
19950411	476	1273	SHARP	13126500	6	May 21, 2019	1.86	1.86	1.86	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 21, 2019	5.77	5.77	5.77	100.0%
19950411	476	1273	CHILLY	13121105	9	May 21, 2019	8.00	8.00	8.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 21, 2019	9969.40	9969.40	487.00	4.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 22, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 22	637.0	2.0	0.0	639.0	0.00	639.0	2.0	0.0	0.0	637.0	0.0	0.0
9	Howell to Chilly	May 22	520.0	99.8	0.0	-17.2	0.03	621.8	97.1	2.7	0.0	522.7	-2.7	0.0
8	Chilly to Reservoir	* May 22	595.5	47.6	0.0	123.1	0.00	744.9	46.8	0.8	0.0	599.0	-3.5	0.0
	Connected													
7	Mackay Reservoir	* May 22	459.7	0.0	0.0	0.0	0.00	770.7	449.1		0.0	150.0	309.7	0.0
6	Reservoir to 2B	May 22	453.0	6.7	0.0	0.0	0.00	744.9	6.6	0.1	0.0	143.4	309.6	0.0
5	2B to Leslie	May 22	354.0	124.8	0.0	25.8	0.00	770.7	116.8	8.0	0.0	52.4	301.6	0.0
4	Leslie to Moore	May 22	224.7	184.7	0.0	55.4	0.00	826.1	107.8	76.9	0.0	0.0	224.7	0.0
2	Moore to blw Munsey	May 22	204.0	0.0	0.0	-20.7	0.09	826.1	0.0	0.0	0.0	0.0	204.0	0.0
1	Blw Munsey to Arco	May 22	160.0	0.0	0.0	-44.0	0.22	826.1	0.0	0.0	0.0	0.0	160.0	0.0
								TOTAL	826.1	88.5	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 22	0.0	0.0		20180101	4%
9	Howell to Chilly	May 22	0.0	0.0		20180101	4%
8	Chilly to Reservoir	May 22	0.0	0.0		20180101	4%
	Connected						
7	Mackay Reservoir	May 22	0.0	0.0		20180101	4%
6	Reservoir to 2B	May 22	0.0	0.0		20180101	4%
5	2B to Leslie	May 22	0.0	0.0		20180101	4%
4	Leslie to Moore	May 22	0.0	0.0		20180101	4%
2	Moore to blw Munsey	May 22	0.0	20.7		20180101	4%
1	Blw Munsey to Arco	May 22	0.0	44.0		20180101	4%
	TOTAL		0.0	64.7	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	139.6
2	18810630	1.7	294.0	74.2
3	18880601	3.2	556.5	139.6
4	18960601	6.4	1113.0	279.3
5	19020301	0.8	140.0	34.9
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	10978.5
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	55497.1

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
31640.0	31900.0	260.0	131.1	4.8

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	11646.1
Total Storage Loss	-4176.5
Total Storage Deliver	-4157.4
Total Evaporation	-282.1
Accounting Balance	31900.1
Current Res Content	31900.0
Storage Balance Error	0.1

DAILY STORAGE BALANCE

```
 31640.0 Reservoir Content Previous Day [ac-ft]
 31900.0 Reservoir Content Current Day [ac-ft]
   260.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------
           890.7 Storage Allocated to Mackay Reservoir [ac-ft]

          -445.7 Stored Flow Losses [ac-ft]
                 0.0 2B to Leslie [cfs]
                 0.0 Leslie to Moore [cfs]
               -20.7 Moore blw Munsey [cfs]
               -44.0 blw Munsey to Arco Gage [cfs]
              -160.0 Past Arco Gage [cfs]

          -175.5 Storage Delivered [ac-ft]
                 3.5 Above Reservoir [cfs]
                 0.1 Reservoir to 2B [cfs]
                 8.0 2B to Leslie [cfs]
                76.9 Leslie to Moore [cfs]
                 0.0 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

            -9.5 Evaporation [ac-ft]

   260.0 Accounting Change in Storage [ac-ft]
-------------------------------------------------------
     0.0 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   595.5 Gain in/above Mackay Reservoir [cfs]
    25.8 Gain in Reach 5: 2-B to Leslie [cfs]
    55.4 Gain in Reach 4: Leslie to Moore [cfs]
     0.0 Gain in Reach 2: Moore to Munsey [cfs]
     0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------
   676.7 Total Available Natural Flow [cfs]
-------------------------------------------------------
           449.1 Reservoir Rights Diverted [cfs]

             0.0 Natural Flow Losses below Reservoir [cfs]
                 0.0 2B to Leslie [cfs]
                 0.0 Leslie to Moore [cfs]
                 0.0 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
                 0.0 Natural Flow Past Arco Gage [cfs]

           227.7 Natural Flow Delivered [cfs]
                -3.5 Above Reservoir Storage Use [cfs]
                 6.6 Reservoir to 2B [cfs]
               116.8 2B to Leslie [cfs]
               107.8 Leslie to Moore [cfs]
                 0.0 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

   676.8 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------
    -0.1 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.8	590
Eastside Felton Wier +	31.7	1585
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	43.5	2175
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	0.0	0
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	81.4	4070
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	40.8	2040
Total Out	122.2	6110

Abbreviated Reach Delivery Factor 2.81
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 468.0%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 40.8 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 8.7 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 59.3%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 14.7 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 67.3 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 249.5%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 277.5%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 22, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.0	0.0	0.0	8	No Tellum 2	6.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	6.7	0.1	8.5
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	6.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	15.6	0.0	140.2
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	32.6	0.0	452.6
9	NEILSEN	40.8	2.7	101.2	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	76.6	8.0	594.6
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	48.0	0.0	0.0	8	Broken River Pum	0.0	0.0	3.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	3.4	0.0	90.6
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	34.9	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	6.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	114.0	35.9	1495.8
8	Mtn. Springs 1	5.0	0.0	55.5	8	Stoecklein 1	0.0	0.0	0.0	4	EASTSIDE FIELD H	67.3	64.5	1415.2
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	0.0	0.0	170.4
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	0.0	0.0	151.0
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.4	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.5	21.8	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 22, 2019	5.00	5.00	5.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 22, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 22, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 22, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 22, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 22, 2019	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 22, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 2	13123070	8	May 22, 2019	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 22, 2019	1.20	1.20	1.20	100.0%
18830601	2331	465	MOORE	13132050	4	May 22, 2019	0.79	0.79	0.79	100.0%
18830601	566	1778	MOORE	13132050	4	May 22, 2019	0.27	0.27	0.27	100.0%
18830810	263	393	MOORE	13132050	4	May 22, 2019	0.18	0.18	0.18	100.0%
18830810	96	449	MOORE	13132050	4	May 22, 2019	0.48	0.48	0.48	100.0%
18830810	651	1726	MOORE	13132050	4	May 22, 2019	0.01	0.01	0.01	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	May 22, 2019	0.21	0.21	0.21	100.0%
18840422	585	951	SWAUGER	13127600	5	May 22, 2019	0.18	0.18	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 22, 2019	0.07	0.07	0.07	100.0%
18840422	360	133	BURNETT	13127750	5	May 22, 2019	1.46	1.46	1.46	100.0%
18840422	103	1289	SHARP	13126500	6	May 22, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	May 22, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	May 22, 2019	4.00	4.00	4.00	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 22, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 22, 2019	1.80	1.80	1.80	100.0%
18840520	463	1300	MOORE	13132050	4	May 22, 2019	1.60	1.60	1.60	100.0%
18840520	427	1	MOORE	13132050	4	May 22, 2019	1.14	1.14	1.14	100.0%
18840520	414	1796	MOORE	13132050	4	May 22, 2019	1.22	1.22	1.22	100.0%
18840520	604	2054	MOORE	13132050	4	May 22, 2019	1.15	1.15	1.15	100.0%
18840520	651	1727	MOORE	13132050	4	May 22, 2019	0.02	0.02	0.02	100.0%
18840520	263	394	MOORE	13132050	4	May 22, 2019	0.22	0.22	0.22	100.0%
18840520	2331	463	MOORE	13132050	4	May 22, 2019	2.24	2.24	2.24	100.0%
18840520	2331	471	MOORE	13132050	4	May 22, 2019	2.14	2.14	2.14	100.0%
18840520	96	451	MOORE	13132050	4	May 22, 2019	0.58	0.58	0.58	100.0%
18840520	156	2002	MOORE	13132050	4	May 22, 2019	0.38	0.38	0.38	100.0%
18840520	566	1782	MOORE	13132050	4	May 22, 2019	0.78	0.78	0.78	100.0%
18840601	96	453	MOORE	13132050	4	May 22, 2019	0.21	0.21	0.21	100.0%
18840601	263	395	MOORE	13132050	4	May 22, 2019	0.08	0.08	0.08	100.0%
18840601	651	1728	MOORE	13132050	4	May 22, 2019	0.01	0.01	0.01	100.0%
18840601	317	940	No Tellum 2	13123070	8	May 22, 2019	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 22, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 22, 2019	0.80	0.80	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	May 22, 2019	0.80	0.80	0.80	100.0%
18840715	133	324	MOORE	13132050	4	May 22, 2019	0.80	0.80	0.80	100.0%
18840831	306	1694	MOORE	13132050	4	May 22, 2019	0.44	0.44	0.44	100.0%
18840831	306	1200	MOORE	13132050	4	May 22, 2019	0.20	0.20	0.20	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	May 22, 2019	0.40	0.40	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	May 22, 2019	1.31	1.31	1.31	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 22, 2019	1.74	1.74	1.74	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 22, 2019	1.20	1.20	1.20	100.0%
18841012	524	11	SWAUGER	13127600	5	May 22, 2019	1.40	1.40	1.40	100.0%
18841012	317	385	SWAUGER	13127600	5	May 22, 2019	0.74	0.74	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 22, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 22, 2019	0.81	0.81	0.81	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 22, 2019	0.60	0.60	0.60	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 22, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	May 22, 2019	0.20	0.20	0.20	100.0%
18850531	63	1354	MOORE	13132050	4	May 22, 2019	1.56	1.56	1.56	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 22, 2019	0.28	0.28	0.28	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 22, 2019	3.20	3.20	3.20	100.0%
18860512	263	398	MOORE	13132050	4	May 22, 2019	0.18	0.18	0.18	100.0%

18860512	651	1731	MOORE	13132050	4	May 22, 2019	0.01	0.01	0.01	100.0%
18860512	96	459	MOORE	13132050	4	May 22, 2019	0.48	0.48	0.48	100.0%
18860601	357	1288	BURNETT	13127750	5	May 22, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 22, 2019	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 22, 2019	0.50	0.50	0.50	100.0%
18860630	604	1710	MOORE	13132050	4	May 22, 2019	0.04	0.04	0.04	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 22, 2019	1.00	1.00	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	May 22, 2019	0.60	0.60	0.60	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 22, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 22, 2019	2.80	2.80	2.80	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 22, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 2	13123070	8	May 22, 2019	1.20	1.20	1.20	100.0%
18880401	279	2120	Anderson	13120745	9	May 22, 2019	0.97	0.97	0.97	100.0%
18880401	2329	1733	NEILSEN	13120805	9	May 22, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	May 22, 2019	0.20	0.20	0.20	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 22, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	May 22, 2019	1.60	1.60	1.60	100.0%
18880801	279	2125	Anderson	13120745	9	May 22, 2019	1.45	1.45	1.45	100.0%
18880801	232	2156	NEILSEN	13120805	9	May 22, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	May 22, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	KENT	13120605	9	May 22, 2019	1.66	1.66	1.66	100.0%
18881101	2610	2095	KENT	13120605	9	May 22, 2019	1.54	1.54	1.54	100.0%
18890601	463	1396	MOORE	13132050	4	May 22, 2019	0.20	0.20	0.20	100.0%
18890601	652	1566	MOORE	13132050	4	May 22, 2019	0.50	0.50	0.50	100.0%
18890601	589	716	BURNETT	13127750	5	May 22, 2019	0.30	0.30	0.30	100.0%
18890601	475	969	BURNETT	13127750	5	May 22, 2019	1.20	1.20	1.20	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 22, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	May 22, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 22, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	May 22, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 22, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 22, 2019	1.45	1.45	1.45	100.0%
18930201	463	1423	MOORE	13132050	4	May 22, 2019	0.30	0.30	0.30	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 22, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	May 22, 2019	0.79	0.79	0.79	100.0%
18931101	2610	2096	KENT	13120605	9	May 22, 2019	0.96	0.96	0.96	100.0%
18931101	59	1279	KENT	13120605	9	May 22, 2019	0.05	0.05	0.05	100.0%
18940310	357	15	BURNETT	13127750	5	May 22, 2019	0.40	0.40	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	May 22, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 22, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	May 22, 2019	2.60	2.60	2.60	100.0%
18940521	463	933	MOORE	13132050	4	May 22, 2019	0.80	0.80	0.80	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 22, 2019	0.01	0.01	0.01	100.0%
18940601	632	1724	SHARP	13126500	6	May 22, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	May 22, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	May 22, 2019	3.20	3.20	3.20	100.0%
18950601	445	411	NEILSEN	13120805	9	May 22, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 22, 2019	0.18	0.18	0.18	100.0%
18950630	265	2218	BURNETT	13127750	5	May 22, 2019	1.60	1.60	1.60	100.0%
18960601	651	1730	MOORE	13132050	4	May 22, 2019	0.03	0.03	0.03	100.0%
18960601	263	397	MOORE	13132050	4	May 22, 2019	0.35	0.35	0.35	100.0%
18960601	263	399	MOORE	13132050	4	May 22, 2019	0.27	0.27	0.27	100.0%
18960601	96	457	MOORE	13132050	4	May 22, 2019	0.87	0.87	0.87	100.0%
18960601	604	1711	MOORE	13132050	4	May 22, 2019	0.09	0.09	0.09	100.0%
18960601	652	1567	MOORE	13132050	4	May 22, 2019	0.60	0.60	0.60	100.0%
18960601	651	1732	MOORE	13132050	4	May 22, 2019	0.02	0.02	0.02	100.0%
18960601	463	128	MOORE	13132050	4	May 22, 2019	1.60	1.60	1.60	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	May 22, 2019	0.41	0.41	0.41	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	May 22, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 22, 2019	6.40	6.40	6.40	100.0%
18970515	463	686	MOORE	13132050	4	May 22, 2019	1.60	1.60	1.60	100.0%
18970515	604	1877	MOORE	13132050	4	May 22, 2019	1.29	1.29	1.29	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 22, 2019	2.00	2.00	2.00	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	May 22, 2019	0.13	0.13	0.13	100.0%

18970630	307	483	Mtn. Springs 1	13122920	8	May 22, 2019	2.40	2.40	2.40	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	May 22, 2019	0.65	0.65	0.65	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 22, 2019	0.30	0.30	0.30	100.0%
18990327	604	1876	MOORE	13132050	4	May 22, 2019	0.27	0.27	0.27	100.0%
18990327	566	1830	MOORE	13132050	4	May 22, 2019	0.21	0.21	0.21	100.0%
18990327	2331	467	MOORE	13132050	4	May 22, 2019	0.60	0.60	0.60	100.0%
18990327	2331	469	MOORE	13132050	4	May 22, 2019	0.54	0.54	0.54	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 22, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 22, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	May 22, 2019	1.03	1.03	1.03	100.0%
18991001	2329	1735	NEILSEN	13120805	9	May 22, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	May 22, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	May 22, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 22, 2019	3.20	3.20	3.20	100.0%
19011001	263	396	MOORE	13132050	4	May 22, 2019	0.14	0.14	0.14	100.0%
19011001	651	1729	MOORE	13132050	4	May 22, 2019	0.01	0.01	0.01	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	May 22, 2019	0.20	0.20	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 22, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 22, 2019	0.06	0.06	0.06	100.0%
19020301	310	836	CHILLY	13121105	9	May 22, 2019	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	May 22, 2019	2.40	2.40	2.40	100.0%
19020301	307	676	CHILLY	13121105	9	May 22, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	May 22, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	May 22, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	May 22, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 22, 2019	0.80	0.80	0.80	100.0%
19020501	310	631	CHILLY	13121105	9	May 22, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	May 22, 2019	0.40	0.40	0.40	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 22, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	May 22, 2019	2.43	2.43	2.43	100.0%
19020601	232	2220	NEILSEN	13120805	9	May 22, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	May 22, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	May 22, 2019	0.30	0.30	0.30	100.0%
19030224	364	953	CHILLY	13121105	9	May 22, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 22, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 22, 2019	1.60	1.60	1.60	100.0%
19040601	279	2127	Anderson	13120745	9	May 22, 2019	0.12	0.12	0.12	100.0%
19040601	2329	1740	NEILSEN	13120805	9	May 22, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	May 22, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 22, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 22, 2019	0.13	0.13	0.13	100.0%
19050501	130	74	NEILSEN	13120805	9	May 22, 2019	1.30	1.30	1.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 22, 2019	0.82	0.82	0.82	100.0%
19050501	232	2155	NEILSEN	13120805	9	May 22, 2019	0.12	0.12	0.12	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 22, 2019	0.65	0.65	0.65	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 22, 2019	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	May 22, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 22, 2019	0.40	0.40	0.40	100.0%
19050501	2329	1737	NEILSEN	13120805	9	May 22, 2019	0.27	0.27	0.27	100.0%
19050501	373	432	CHILLY	13121105	9	May 22, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	May 22, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	May 22, 2019	0.20	0.20	0.20	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	May 22, 2019	0.42	0.42	0.42	99.5%
19080709	475	1098	BURNETT	13127750	5	May 22, 2019	0.16	0.16	0.16	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 22, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 22, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 22, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 22, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 22, 2019	1.50	1.50	1.50	100.0%
19121003	55	104	NEILSEN	13120805	9	May 22, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 22, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	May 22, 2019	1.30	1.30	1.30	100.0%
19121014	130	75	NEILSEN	13120805	9	May 22, 2019	0.30	0.30	0.30	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	May 22, 2019	0.13	0.13	0.13	100.0%

19131224	373	25	CHILLY	13121105	9	May 22, 2019	1.60	1.60	1.60	100.0%
19140601	445	413	NEILSEN	13120805	9	May 22, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	May 22, 2019	0.18	0.18	0.18	100.0%
19150504	373	434	CHILLY	13121105	9	May 22, 2019	0.22	0.22	0.22	100.0%
19160212	2329	1736	NEILSEN	13120805	9	May 22, 2019	0.10	0.10	0.10	100.0%
19160212	682	1054	NEILSEN	13120805	9	May 22, 2019	0.03	0.03	0.03	100.0%
19160501	129	2128	CHILLY	13121105	9	May 22, 2019	0.31	0.31	0.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 22, 2019	1.36	1.36	1.36	100.0%
19160601	2329	1734	NEILSEN	13120805	9	May 22, 2019	0.78	0.78	0.78	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 22, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 22, 2019	0.23	0.23	0.23	100.0%
19810501	566	1684	MOORE	13132050	4	May 22, 2019	0.82	0.82	0.82	100.0%
19950203	476	1272	MOORE	13132050	4	May 22, 2019	70.56	70.56	48.95	69.4%
19950411	476	1273	BECK	13130525	4	May 22, 2019	3.40	3.40	3.40	100.0%
19950411	476	1273	SWAUGER	13127600	5	May 22, 2019	8.42	8.42	8.42	100.0%
19950411	476	1273	DARLINGTON	13127735	5	May 22, 2019	31.40	31.40	31.40	100.0%
19950411	476	1273	BURNETT	13127750	5	May 22, 2019	58.64	58.64	58.64	100.0%
19950411	476	1273	SHARP	13126500	6	May 22, 2019	1.76	1.76	1.76	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 22, 2019	5.77	5.77	5.77	100.0%
19950411	476	1273	CHILLY	13121105	9	May 22, 2019	8.00	8.00	8.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 22, 2019	9969.40	9969.40	433.75	4.4%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 23, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		May 23	571.0	2.0	0.0	573.0	0.00	573.0	2.0	0.0	0.0	571.0	0.0	0.0
9	Howell to Chilly		May 23	464.0	99.8	0.0	-7.2	0.01	565.8	97.1	2.7	0.0	466.7	-2.7	0.0
8	Chilly to Reservoir	*	May 23	562.6	54.6	0.0	153.2	0.00	719.0	53.8	0.8	0.0	566.1	-3.5	0.0
	Connected														
7	Mackay Reservoir	*	May 23	539.7	0.0	0.0	0.0	0.00	719.0	429.1		0.0	137.0	402.7	0.0
6	Reservoir to 2B		May 23	533.0	6.7	0.0	0.0	0.00	719.0	6.6	0.1	0.0	130.3	402.7	0.0
5	2B to Leslie		May 23	383.0	124.0	0.0	-26.0	0.05	719.0	116.0	8.0	0.0	8.0	375.0	0.0
4	Leslie to Moore		May 23	304.0	78.4	0.0	-0.6	0.00	719.0	7.9	70.5	0.0	0.0	304.0	0.0
2	Moore to blw Munsey		May 23	321.0	0.0	0.0	17.0	0.00	736.0	0.0	0.0	0.0	17.0	304.0	0.0
1	Blw Munsey to Arco		May 23	230.0	0.0	0.0	-91.0	0.28	736.0	0.0	0.0	0.0	12.2	217.8	0.0
								TOTAL		712.6	82.1	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 23	0.0	0.0		20180101	4%
9	Howell to Chilly	May 23	0.0	0.0		20180101	4%
8	Chilly to Reservoir	May 23	0.0	0.0		20180101	4%
	Connected						
7	Mackay Reservoir	May 23	0.0	0.0		20180101	4%
6	Reservoir to 2B	May 23	0.0	0.0		20180101	4%
5	2B to Leslie	May 23	6.4	19.6		20180101	4%
4	Leslie to Moore	May 23	0.0	0.6		20180101	4%
2	Moore to blw Munsey	May 23	0.0	0.0		20180101	4%
1	Blw Munsey to Arco	May 23	4.8	86.2		20180101	4%
		TOTAL	11.2	106.4	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	146.0
2	18810630	1.7	294.0	77.6
3	18880601	3.2	556.5	146.0
4	18960601	6.4	1113.0	292.0
5	19020301	0.8	140.0	36.5
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	11799.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	56348.3

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
31900.0	31940.0	40.0	20.2	2.7

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	12497.3
Total Storage Loss	-4819.6
Total Storage Deliver	-4320.3
Total Evaporation	-287.6
Accounting Balance	31939.8
Current Res Content	31940.0
Storage Balance Error	-0.2

DAILY STORAGE BALANCE

```
 31900.0 Reservoir Content Previous Day [ac-ft]
 31940.0 Reservoir Content Current Day [ac-ft]
    40.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------------
           851.1 Storage Allocated to Mackay Reservoir [ac-ft]

          -643.1 Stored Flow Losses [ac-ft]
               -19.6 2B to Leslie [cfs]
                -0.6 Leslie to Moore [cfs]
                 0.0 Moore blw Munsey [cfs]
               -86.2 blw Munsey to Arco Gage [cfs]
              -217.8 Past Arco Gage [cfs]

          -162.8 Storage Delivered [ac-ft]
                 3.5 Above Reservoir [cfs]
                 0.1 Reservoir to 2B [cfs]
                 8.0 2B to Leslie [cfs]
                70.5 Leslie to Moore [cfs]
                 0.0 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

            -5.4 Evaporation [ac-ft]

    39.8 Accounting Change in Storage [ac-ft]
-------------------------------------------------------------
    -0.2 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   562.6 Gain in/above Mackay Reservoir [cfs]
     0.0 Gain in Reach 5: 2-B to Leslie [cfs]
     0.0 Gain in Reach 4: Leslie to Moore [cfs]
    17.0 Gain in Reach 2: Moore to Munsey [cfs]
     0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------------
   579.6 Total Available Natural Flow [cfs]
-------------------------------------------------------------
           429.1 Reservoir Rights Diverted [cfs]

            23.4 Natural Flow Losses below Reservoir [cfs]
                 6.4 2B to Leslie [cfs]
                 0.0 Leslie to Moore [cfs]
                 0.0 Moore to blw Munsey [cfs]
                 4.8 blw Munsey to Arco Gage [cfs]
                12.2 Natural Flow Past Arco Gage [cfs]

           127.0 Natural Flow Delivered [cfs]
                -3.5 Above Reservoir Storage Use [cfs]
                 6.6 Reservoir to 2B [cfs]
               116.0 2B to Leslie [cfs]
                 7.9 Leslie to Moore [cfs]
                 0.0 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

   579.5 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------------
     0.1 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	12.2	610
Eastside Felton Wier +	35.9	1795
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	48.1	2405
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	0.0	0
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	81.4	4070
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	32.1	1605
Total Out	113.5	5675

Abbreviated Reach Delivery Factor 2.36
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 476.5%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 32.1 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 6.7 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 61.3%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 11.0 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 75.0 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 268.9%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 292.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 23, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.0	0.0	0.0	8	No Tellum 2	6.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	6.7	0.1	8.6
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	6.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	15.4	0.0	140.2
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	32.6	0.0	452.6
9	NEILSEN	40.8	2.7	106.5	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	76.0	8.0	610.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	48.0	0.0	0.0	8	Broken River Pum	2.0	0.0	3.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	3.4	0.0	90.6
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	36.5	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	6.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	0.0	0.0	1495.8
8	Mtn. Springs 1	5.0	0.0	55.5	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	75.0	72.3	1558.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	0.0	0.0	170.4
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	0.0	0.0	151.0
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.4	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.5	32.7	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 23, 2019	5.00	5.00	5.00	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 23, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 23, 2019	0.59	0.59	0.59	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 23, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 23, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 23, 2019	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 23, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 2	13123070	8	May 23, 2019	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 23, 2019	1.20	1.20	1.20	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	May 23, 2019	0.21	0.22	0.21	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 23, 2019	0.07	0.07	0.07	100.0%
18840422	585	951	SWAUGER	13127600	5	May 23, 2019	0.18	0.19	0.18	100.0%
18840422	360	133	BURNETT	13127750	5	May 23, 2019	1.46	1.53	1.46	100.0%
18840422	103	1289	SHARP	13126500	6	May 23, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	May 23, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	May 23, 2019	4.00	4.00	4.00	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 23, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 23, 2019	0.22	0.22	0.22	100.0%
18840601	317	940	No Tellum 2	13123070	8	May 23, 2019	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 23, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 23, 2019	0.80	0.80	0.80	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	May 23, 2019	0.40	0.42	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	May 23, 2019	1.31	1.38	1.31	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 23, 2019	1.74	1.74	1.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 23, 2019	2.77	2.91	2.77	100.0%
18841012	524	11	SWAUGER	13127600	5	May 23, 2019	1.40	1.47	1.40	100.0%
18841012	317	385	SWAUGER	13127600	5	May 23, 2019	0.74	0.78	0.74	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 23, 2019	0.81	0.85	0.81	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 23, 2019	1.20	1.26	1.20	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 23, 2019	1.00	1.05	1.00	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 23, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	May 23, 2019	0.20	0.21	0.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 23, 2019	0.28	0.28	0.28	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 23, 2019	3.20	3.20	3.20	100.0%
18860601	357	1288	BURNETT	13127750	5	May 23, 2019	1.60	1.68	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 23, 2019	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 23, 2019	0.50	0.50	0.50	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 23, 2019	1.00	1.05	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	May 23, 2019	0.60	0.63	0.60	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 23, 2019	3.20	3.20	3.20	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 23, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 23, 2019	2.80	2.80	2.80	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 23, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 2	13123070	8	May 23, 2019	1.20	1.20	1.20	100.0%
18880401	279	2120	Anderson	13120745	9	May 23, 2019	0.97	0.97	0.97	100.0%
18880401	682	2139	NEILSEN	13120805	9	May 23, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	May 23, 2019	0.43	0.43	0.43	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 23, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	May 23, 2019	1.60	1.60	1.60	100.0%
18880801	279	2125	Anderson	13120745	9	May 23, 2019	1.45	1.45	1.45	100.0%
18880801	2329	1738	NEILSEN	13120805	9	May 23, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	May 23, 2019	0.30	0.30	0.30	100.0%
18881101	59	2222	KENT	13120605	9	May 23, 2019	1.66	1.66	1.66	100.0%
18881101	2610	2095	KENT	13120605	9	May 23, 2019	1.54	1.54	1.54	100.0%
18890601	589	716	BURNETT	13127750	5	May 23, 2019	0.30	0.32	0.30	100.0%
18890601	475	969	BURNETT	13127750	5	May 23, 2019	1.20	1.26	1.20	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 23, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	May 23, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 23, 2019	3.00	3.00	3.00	100.0%

18910801	307	77	CHILLY	13121105	9	May 23, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 23, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 23, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 23, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	May 23, 2019	0.79	0.79	0.79	100.0%
18931101	59	1279	KENT	13120605	9	May 23, 2019	0.05	0.05	0.05	100.0%
18931101	2610	2096	KENT	13120605	9	May 23, 2019	0.96	0.96	0.96	100.0%
18940310	475	989	BURNETT	13127750	5	May 23, 2019	0.44	0.46	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	May 23, 2019	0.40	0.42	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	May 23, 2019	2.80	2.94	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	May 23, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 23, 2019	2.00	2.00	2.00	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 23, 2019	0.01	0.01	0.01	100.0%
18940601	632	1724	SHARP	13126500	6	May 23, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	May 23, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	May 23, 2019	3.20	3.20	3.20	100.0%
18950601	445	410	NEILSEN	13120805	9	May 23, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 23, 2019	0.02	0.02	0.02	100.0%
18950630	265	2218	BURNETT	13127750	5	May 23, 2019	1.60	1.68	1.60	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	May 23, 2019	0.04	0.04	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	May 23, 2019	0.41	0.43	0.41	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 23, 2019	6.40	6.40	6.40	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 23, 2019	2.00	2.00	2.00	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	May 23, 2019	0.13	0.14	0.13	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 23, 2019	2.40	2.40	2.40	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	May 23, 2019	0.65	0.68	0.65	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 23, 2019	0.30	0.30	0.30	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 23, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 23, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	May 23, 2019	1.03	1.03	1.03	100.0%
18991001	682	2180	NEILSEN	13120805	9	May 23, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	May 23, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	May 23, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 23, 2019	3.20	3.20	3.20	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	May 23, 2019	0.20	0.21	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 23, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 23, 2019	0.06	0.06	0.06	100.0%
19020301	609	1492	CHILLY	13121105	9	May 23, 2019	2.40	2.40	2.40	100.0%
19020301	364	952	CHILLY	13121105	9	May 23, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	May 23, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	May 23, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	May 23, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	May 23, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 23, 2019	0.80	0.80	0.80	100.0%
19020501	310	631	CHILLY	13121105	9	May 23, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	May 23, 2019	0.40	0.40	0.40	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 23, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	May 23, 2019	2.43	2.43	2.43	100.0%
19020601	232	2220	NEILSEN	13120805	9	May 23, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	May 23, 2019	0.30	0.30	0.30	100.0%
19020601	2329	1739	NEILSEN	13120805	9	May 23, 2019	1.08	1.08	1.08	100.0%
19030224	364	953	CHILLY	13121105	9	May 23, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 23, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 23, 2019	1.60	1.60	1.60	100.0%
19040601	279	2127	Anderson	13120745	9	May 23, 2019	0.12	0.12	0.12	100.0%
19040601	232	2221	NEILSEN	13120805	9	May 23, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	May 23, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 23, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 23, 2019	0.13	0.13	0.13	100.0%
19050501	2329	1737	NEILSEN	13120805	9	May 23, 2019	0.27	0.27	0.27	100.0%
19050501	403	811	NEILSEN	13120805	9	May 23, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 23, 2019	0.40	0.40	0.40	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 23, 2019	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	May 23, 2019	1.30	1.30	1.30	100.0%

19050501	232	2155	NEILSEN	13120805	9	May 23, 2019	0.12	0.12	0.12	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 23, 2019	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 23, 2019	0.82	0.82	0.82	100.0%
19050501	373	432	CHILLY	13121105	9	May 23, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	May 23, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	May 23, 2019	0.20	0.20	0.20	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	May 23, 2019	0.42	0.42	0.42	99.5%
19080709	475	1098	BURNETT	13127750	5	May 23, 2019	0.16	0.17	0.16	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 23, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 23, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 23, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 23, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 23, 2019	1.50	1.50	1.50	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 23, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	May 23, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	May 23, 2019	0.30	0.30	0.30	100.0%
19121014	403	813	NEILSEN	13120805	9	May 23, 2019	1.30	1.30	1.30	100.0%
19131224	373	25	CHILLY	13121105	9	May 23, 2019	1.60	1.60	1.60	100.0%
19140601	445	412	NEILSEN	13120805	9	May 23, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	May 23, 2019	0.02	0.02	0.02	100.0%
19150504	373	434	CHILLY	13121105	9	May 23, 2019	0.22	0.22	0.22	100.0%
19160212	682	1054	NEILSEN	13120805	9	May 23, 2019	0.03	0.03	0.03	100.0%
19160212	2329	1736	NEILSEN	13120805	9	May 23, 2019	0.10	0.10	0.10	100.0%
19160501	129	2128	CHILLY	13121105	9	May 23, 2019	0.31	0.31	0.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 23, 2019	1.36	1.36	1.36	100.0%
19160601	2329	1734	NEILSEN	13120805	9	May 23, 2019	0.78	0.78	0.78	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 23, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 23, 2019	0.23	0.23	0.23	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	May 23, 2019	1.80	1.80	1.80	100.0%
19950411	476	1273	BECK	13130525	4	May 23, 2019	3.40	3.58	3.40	100.0%
19950411	476	1273	SWAUGER	13127600	5	May 23, 2019	8.22	8.64	8.22	100.0%
19950411	476	1273	DARLINGTON	13127735	5	May 23, 2019	31.00	32.59	31.00	100.0%
19950411	476	1273	BURNETT	13127750	5	May 23, 2019	58.04	61.02	58.04	100.0%
19950411	476	1273	SHARP	13126500	6	May 23, 2019	1.80	1.80	1.80	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 23, 2019	5.77	5.77	5.77	100.0%
19950411	476	1273	CHILLY	13121105	9	May 23, 2019	8.00	8.00	8.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 23, 2019	9969.40	9969.40	413.81	4.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 24, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		May 24	529.0	2.0	0.0	531.0	0.00	531.0	2.0	0.0	0.0	529.0	0.0	0.0
9	Howell to Chilly		May 24	423.0	99.8	0.0	-6.2	0.01	524.8	97.1	2.7	0.0	425.7	-2.7	0.0
8	Chilly to Reservoir	*	May 24	552.9	54.6	0.0	184.4	0.00	709.2	53.8	0.8	0.0	556.3	-3.5	0.0
	Connected														
7	Mackay Reservoir	*	May 24	627.7	0.0	0.0	0.0	0.00	725.4	431.3		0.0	125.0	502.7	0.0
6	Reservoir to 2B		May 24	621.0	6.7	0.0	0.0	0.00	709.2	6.6	0.1	0.0	118.4	502.6	0.0
5	2B to Leslie		May 24	503.0	134.2	0.0	16.2	0.00	725.4	128.2	6.0	0.0	6.3	496.7	0.0
4	Leslie to Moore		May 24	296.4	76.6	0.0	-130.0	0.26	725.4	4.7	71.9	0.0	0.0	296.4	0.0
2	Moore to blw Munsey		May 24	332.0	0.0	0.0	35.6	0.00	761.1	0.0	0.0	0.0	35.6	296.4	0.0
1	Blw Munsey to Arco		May 24	256.0	0.0	0.0	-76.0	0.23	761.1	0.0	0.0	0.0	27.5	228.5	0.0
								TOTAL		723.8	81.5	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 24	0.0	0.0		20180101	4%
9	Howell to Chilly	May 24	0.0	0.0		20180101	4%
8	Chilly to Reservoir	May 24	0.0	0.0		20180101	4%
	Connected						
7	Mackay Reservoir	May 24	0.0	0.0		20180101	4%
6	Reservoir to 2B	May 24	0.0	0.0		20180101	4%
5	2B to Leslie	May 24	0.0	0.0		20180101	4%
4	Leslie to Moore	May 24	1.6	128.4		20180101	4%
2	Moore to blw Munsey	May 24	0.0	0.0		20180101	4%
1	Blw Munsey to Arco	May 24	8.2	67.8		20180101	4%
		TOTAL	9.8	196.2	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	152.3
2	18810630	1.7	294.0	80.9
3	18880601	3.2	556.5	152.3
4	18960601	6.4	1113.0	304.7
5	19020301	0.8	140.0	38.1
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	12624.5
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	57203.8

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
31940.0	31780.0	-160.0	-80.7	5.8

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	13352.8
Total Storage Loss	-5662.1
Total Storage Deliver	-4481.9
Total Evaporation	-299.1
Accounting Balance	31779.7
Current Res Content	31780.0
Storage Balance Error	-0.3

DAILY STORAGE BALANCE

31940.0	Reservoir Content Previous Day [ac-ft]
31780.0	Reservoir Content Current Day [ac-ft]
-160.0	Physical Change in Storage [ac-ft]
855.6	Storage Allocated to Mackay Reservoir [ac-ft]
-842.5	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-128.4	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
-67.8	blw Munsey to Arco Gage [cfs]
-228.5	Past Arco Gage [cfs]
-161.7	Storage Delivered [ac-ft]
3.5	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
6.0	2B to Leslie [cfs]
71.9	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-11.6	Evaporation [ac-ft]
-160.2	Accounting Change in Storage [ac-ft]
-0.2	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

552.9	Gain in/above Mackay Reservoir [cfs]
16.2	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
35.6	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
604.7	Total Available Natural Flow [cfs]
431.3	Reservoir Rights Diverted [cfs]
37.2	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
1.6	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
8.2	blw Munsey to Arco Gage [cfs]
27.5	Natural Flow Past Arco Gage [cfs]
136.0	Natural Flow Delivered [cfs]
-3.5	Above Reservoir Storage Use [cfs]
6.6	Reservoir to 2B [cfs]
128.2	2B to Leslie [cfs]
4.7	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
604.5	Natural Flow Delivered & Lost [cfs]
0.2	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.8	590
Eastside Felton Wier +	37.2	1860
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	49.0	2450
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	0.0	0
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	81.4	4070
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	34.0	1700
Total Out	115.4	5770

Abbreviated Reach Delivery Factor 2.36
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 479.2%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 34.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 7.1 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 62.3%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 11.4 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 74.6 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 275.3%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 298.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 24, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.0	0.0	0.0	8	No Tellum 2	6.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	6.7	0.1	8.8
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	6.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	15.6	0.0	140.2
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	31.6	1.0	454.5
9	NEILSEN	40.8	2.7	111.8	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	71.0	5.0	620.4
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	48.0	0.0	0.0	8	Broken River Pum	2.0	0.0	3.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	2.0	0.0	90.6
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	38.1	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	6.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	0.0	0.0	1495.8
8	Mtn. Springs 1	5.0	0.0	55.5	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	74.6	71.9	1701.3
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	0.0	0.0	170.4
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	0.0	0.0	151.0
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.4	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.5	43.6	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 24, 2019	5.00	5.00	5.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 24, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 24, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 24, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 24, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 24, 2019	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 24, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 2	13123070	8	May 24, 2019	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 24, 2019	1.20	1.20	1.20	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	May 24, 2019	0.21	0.29	0.21	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 24, 2019	0.07	0.07	0.07	100.0%
18840422	585	951	SWAUGER	13127600	5	May 24, 2019	0.18	0.18	0.18	100.0%
18840422	360	133	BURNETT	13127750	5	May 24, 2019	1.46	1.46	1.46	100.0%
18840422	103	1289	SHARP	13126500	6	May 24, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	May 24, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	May 24, 2019	4.00	4.00	4.00	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 24, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 24, 2019	1.80	1.80	1.80	100.0%
18840601	317	940	No Tellum 2	13123070	8	May 24, 2019	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 24, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 24, 2019	0.40	0.40	0.40	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	May 24, 2019	0.40	0.54	0.40	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 24, 2019	1.74	1.74	1.74	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 24, 2019	0.81	0.81	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 24, 2019	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	May 24, 2019	0.74	0.74	0.74	100.0%
18841012	524	11	SWAUGER	13127600	5	May 24, 2019	1.40	1.40	1.40	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 24, 2019	1.20	1.20	1.20	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 24, 2019	1.00	1.00	1.00	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 24, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	May 24, 2019	0.20	0.27	0.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 24, 2019	0.28	0.28	0.28	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 24, 2019	3.20	3.20	3.20	100.0%
18860601	357	1288	BURNETT	13127750	5	May 24, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 24, 2019	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 24, 2019	0.50	0.50	0.50	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 24, 2019	1.00	1.35	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	May 24, 2019	0.60	0.60	0.60	100.0%
18860721	260	1668	BURNETT	13127750	5	May 24, 2019	0.80	0.80	0.80	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 24, 2019	3.20	3.20	3.20	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 24, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 24, 2019	2.80	2.80	2.80	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 24, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 2	13123070	8	May 24, 2019	1.20	1.20	1.20	100.0%
18880401	279	2120	Anderson	13120745	9	May 24, 2019	0.97	0.97	0.97	100.0%
18880401	682	2139	NEILSEN	13120805	9	May 24, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	May 24, 2019	0.43	0.43	0.43	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 24, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	May 24, 2019	1.60	1.60	1.60	100.0%
18880801	279	2125	Anderson	13120745	9	May 24, 2019	1.45	1.45	1.45	100.0%
18880801	232	2156	NEILSEN	13120805	9	May 24, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	May 24, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	KENT	13120605	9	May 24, 2019	1.54	1.54	1.54	100.0%
18881101	59	2222	KENT	13120605	9	May 24, 2019	1.66	1.66	1.66	100.0%
18890601	475	969	BURNETT	13127750	5	May 24, 2019	1.20	1.20	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	May 24, 2019	0.30	0.30	0.30	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 24, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	May 24, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 24, 2019	3.00	3.00	3.00	100.0%

18910801	307	77	CHILLY	13121105	9	May 24, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 24, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 24, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 24, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	May 24, 2019	0.96	0.96	0.96	100.0%
18931101	59	1279	KENT	13120605	9	May 24, 2019	0.05	0.05	0.05	100.0%
18931101	59	2223	KENT	13120605	9	May 24, 2019	0.79	0.79	0.79	100.0%
18940310	265	2217	BURNETT	13127750	5	May 24, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 24, 2019	0.44	0.44	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	May 24, 2019	0.40	0.40	0.40	100.0%
18940310	609	1496	CHILLY	13121105	9	May 24, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 24, 2019	2.00	2.00	2.00	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 24, 2019	0.01	0.01	0.01	100.0%
18940601	632	1724	SHARP	13126500	6	May 24, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	May 24, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	May 24, 2019	3.20	3.20	3.20	100.0%
18950601	445	411	NEILSEN	13120805	9	May 24, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 24, 2019	0.18	0.18	0.18	100.0%
18950630	265	2218	BURNETT	13127750	5	May 24, 2019	1.60	1.60	1.60	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	May 24, 2019	0.04	0.05	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 24, 2019	6.40	6.40	6.40	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 24, 2019	2.00	2.00	2.00	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 24, 2019	2.40	2.40	2.40	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	May 24, 2019	0.65	0.88	0.65	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 24, 2019	0.30	0.30	0.30	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 24, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 24, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	May 24, 2019	1.03	1.03	1.03	100.0%
18991001	2329	1735	NEILSEN	13120805	9	May 24, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	May 24, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	May 24, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 24, 2019	3.20	3.20	3.20	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	May 24, 2019	0.20	0.27	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 24, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 24, 2019	0.06	0.06	0.06	100.0%
19020301	310	836	CHILLY	13121105	9	May 24, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	May 24, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	May 24, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	May 24, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 24, 2019	2.40	2.40	2.40	100.0%
19020304	129	2186	CHILLY	13121105	9	May 24, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 24, 2019	0.80	0.80	0.80	100.0%
19020501	310	631	CHILLY	13121105	9	May 24, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	May 24, 2019	0.40	0.40	0.40	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 24, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	May 24, 2019	2.43	2.43	2.43	100.0%
19020601	232	2220	NEILSEN	13120805	9	May 24, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	May 24, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	May 24, 2019	0.30	0.30	0.30	100.0%
19030224	364	953	CHILLY	13121105	9	May 24, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 24, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 24, 2019	1.60	1.60	1.60	100.0%
19040601	279	2127	Anderson	13120745	9	May 24, 2019	0.12	0.12	0.12	100.0%
19040601	2329	1740	NEILSEN	13120805	9	May 24, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	May 24, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 24, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 24, 2019	0.13	0.13	0.13	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 24, 2019	0.65	0.65	0.65	100.0%
19050501	232	2155	NEILSEN	13120805	9	May 24, 2019	0.12	0.12	0.12	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 24, 2019	3.00	3.00	3.00	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 24, 2019	0.40	0.40	0.40	100.0%
19050501	2329	1737	NEILSEN	13120805	9	May 24, 2019	0.27	0.27	0.27	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 24, 2019	0.82	0.82	0.82	100.0%
19050501	403	811	NEILSEN	13120805	9	May 24, 2019	0.30	0.30	0.30	100.0%

19050501	130	74	NEILSEN	13120805	9	May 24, 2019	1.30	1.30	1.30	100.0%
19050501	129	2187	CHILLY	13121105	9	May 24, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	May 24, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	May 24, 2019	0.20	0.20	0.20	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	May 24, 2019	0.42	0.42	0.42	99.5%
19080709	475	1098	BURNETT	13127750	5	May 24, 2019	0.16	0.16	0.16	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 24, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 24, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 24, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 24, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 24, 2019	1.50	1.50	1.50	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 24, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	May 24, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	May 24, 2019	0.30	0.30	0.30	100.0%
19121014	403	813	NEILSEN	13120805	9	May 24, 2019	1.30	1.30	1.30	100.0%
19131224	373	25	CHILLY	13121105	9	May 24, 2019	1.60	1.60	1.60	100.0%
19140601	445	412	NEILSEN	13120805	9	May 24, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	May 24, 2019	0.02	0.02	0.02	100.0%
19150504	373	434	CHILLY	13121105	9	May 24, 2019	0.22	0.22	0.22	100.0%
19160212	2329	1736	NEILSEN	13120805	9	May 24, 2019	0.10	0.10	0.10	100.0%
19160212	682	1054	NEILSEN	13120805	9	May 24, 2019	0.03	0.03	0.03	100.0%
19160501	129	2128	CHILLY	13121105	9	May 24, 2019	0.31	0.31	0.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 24, 2019	1.36	1.36	1.36	100.0%
19160601	2329	1734	NEILSEN	13120805	9	May 24, 2019	0.78	0.78	0.78	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 24, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 24, 2019	0.23	0.23	0.23	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	May 24, 2019	1.80	1.80	1.80	100.0%
19950411	476	1273	BECK	13130525	4	May 24, 2019	2.00	2.70	2.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	May 24, 2019	8.42	8.42	8.42	100.0%
19950411	476	1273	DARLINGTON	13127735	5	May 24, 2019	29.04	29.04	29.04	100.0%
19950411	476	1273	BURNETT	13127750	5	May 24, 2019	55.24	55.24	55.24	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	May 24, 2019	16.00	16.00	16.00	100.0%
19950411	476	1273	SHARP	13126500	6	May 24, 2019	1.76	1.76	1.76	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 24, 2019	5.77	5.77	5.77	100.0%
19950411	476	1273	CHILLY	13121105	9	May 24, 2019	8.00	8.00	8.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 24, 2019	9969.40	9969.40	416.04	4.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 25, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		May 25	530.0	2.0	0.0	532.0	0.00	532.0	2.0	0.0	0.0	530.0	0.0	0.0
9	Howell to Chilly		May 25	414.0	99.8	0.0	-16.2	0.03	515.8	97.1	2.7	0.0	416.7	-2.7	0.0
8	Chilly to Reservoir	*	May 25	554.5	50.8	0.0	191.3	0.00	707.1	50.0	0.8	0.0	558.0	-3.5	0.0
	Connected														
7	Mackay Reservoir	*	May 25	626.7	0.0	0.0	0.0	0.00	727.5	377.5		0.0	180.4	446.3	0.0
6	Reservoir to 2B		May 25	620.0	6.7	0.0	0.0	0.00	707.1	6.6	0.1	0.0	173.8	446.2	0.0
5	2B to Leslie		May 25	516.0	124.4	0.0	20.4	0.00	727.5	113.4	11.0	0.0	80.8	435.2	0.0
4	Leslie to Moore		May 25	306.8	134.9	0.0	-74.3	0.14	727.5	69.2	65.7	0.0	0.0	306.8	0.0
2	Moore to blw Munsey		May 25	337.0	0.0	0.0	30.2	0.00	757.6	0.0	0.0	0.0	30.2	306.8	0.0
1	Blw Munsey to Arco		May 25	257.0	0.0	0.0	-80.0	0.24	757.6	0.0	0.0	0.0	23.0	234.0	0.0
								TOTAL		715.8	80.3	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 25	0.0	0.0		20180101	4%
9	Howell to Chilly	May 25	0.0	0.0		20180101	4%
8	Chilly to Reservoir	May 25	0.0	0.0		20180101	4%
	Connected						
7	Mackay Reservoir	May 25	0.0	0.0		20180101	4%
6	Reservoir to 2B	May 25	0.0	0.0		20180101	4%
5	2B to Leslie	May 25	0.0	0.0		20180101	4%
4	Leslie to Moore	May 25	11.6	62.7		20180101	4%
2	Moore to blw Munsey	May 25	0.0	0.0		20180101	4%
1	Blw Munsey to Arco	May 25	7.2	72.8		20180101	4%
		TOTAL	18.8	135.5	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	158.7
2	18810630	1.7	294.0	84.3
3	18880601	3.2	556.5	158.7
4	18960601	6.4	1113.0	317.4
5	19020301	0.8	140.0	39.7
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	13343.0
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	57952.7

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
31780.0	31630.0	-150.0	-75.6	3.4

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	14101.7
Total Storage Loss	-6395.0
Total Storage Deliver	-4641.2
Total Evaporation	-305.9
Accounting Balance	31629.6
Current Res Content	31630.0
Storage Balance Error	-0.4

DAILY STORAGE BALANCE

31780.0	Reservoir Content Previous Day [ac-ft]
31630.0	Reservoir Content Current Day [ac-ft]
-150.0	Physical Change in Storage [ac-ft]
748.8	Storage Allocated to Mackay Reservoir [ac-ft]
-732.9	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-62.7	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
-72.8	blw Munsey to Arco Gage [cfs]
-234.0	Past Arco Gage [cfs]
-159.3	Storage Delivered [ac-ft]
3.5	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
11.0	2B to Leslie [cfs]
65.7	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-6.8	Evaporation [ac-ft]
-150.2	Accounting Change in Storage [ac-ft]
-0.2	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

554.5	Gain in/above Mackay Reservoir [cfs]
20.4	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
30.2	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
605.1	Total Available Natural Flow [cfs]
377.5	Reservoir Rights Diverted [cfs]
41.8	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
11.6	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
7.2	blw Munsey to Arco Gage [cfs]
23.0	Natural Flow Past Arco Gage [cfs]
185.7	Natural Flow Delivered [cfs]
-3.5	Above Reservoir Storage Use [cfs]
6.6	Reservoir to 2B [cfs]
113.4	2B to Leslie [cfs]
69.2	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
605.0	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.8	590
Eastside Felton Wier +	37.2	1860
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	49.0	2450
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	0.0	0
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	81.4	4070
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	62.3	3115
Total Out	143.7	7185

Abbreviated Reach Delivery Factor 2.93
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 536.9%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 62.3 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 11.6 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 61.6%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 18.8 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 68.2 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 301.3%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 330.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 25, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.0	0.0	0.0	8	No Tellum 2	6.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	6.7	0.1	9.0
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	6.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	15.4	0.0	140.2
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	22.0	1.0	456.5
9	NEILSEN	40.8	2.7	117.0	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	71.0	10.0	640.2
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	48.0	0.0	0.0	8	Broken River Pum	0.0	0.0	3.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	2.0	0.0	90.6
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	39.7	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	6.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	64.7	0.2	1496.2
8	Mtn. Springs 1	5.0	0.0	55.5	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	68.2	65.5	1831.2
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	0.0	0.0	170.4
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	0.0	0.0	151.0
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.4	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	5.0	53.6	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 25, 2019	5.00	5.00	5.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 25, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 25, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 25, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 25, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 25, 2019	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 25, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 2	13123070	8	May 25, 2019	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 25, 2019	1.20	1.20	1.20	100.0%
18830810	263	393	MOORE	13132050	4	May 25, 2019	0.18	0.21	0.18	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	May 25, 2019	0.21	0.25	0.21	100.0%
18840422	585	951	SWAUGER	13127600	5	May 25, 2019	0.18	0.18	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 25, 2019	0.07	0.07	0.07	100.0%
18840422	360	133	BURNETT	13127750	5	May 25, 2019	1.46	1.46	1.46	100.0%
18840422	347	938	SHARP	13126500	6	May 25, 2019	4.00	4.00	4.00	100.0%
18840422	632	2077	SHARP	13126500	6	May 25, 2019	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	May 25, 2019	0.64	0.64	0.64	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 25, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 25, 2019	0.22	0.22	0.22	100.0%
18840520	113	585	MOORE	13132050	4	May 25, 2019	0.11	0.13	0.11	100.0%
18840520	263	394	MOORE	13132050	4	May 25, 2019	0.22	0.26	0.22	100.0%
18840601	263	395	MOORE	13132050	4	May 25, 2019	0.08	0.09	0.08	100.0%
18840601	317	940	No Tellum 2	13123070	8	May 25, 2019	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 25, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 25, 2019	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	May 25, 2019	1.20	1.40	1.20	100.0%
18840831	306	1200	MOORE	13132050	4	May 25, 2019	0.20	0.23	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	May 25, 2019	0.46	0.54	0.46	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	May 25, 2019	0.40	0.47	0.40	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 25, 2019	1.74	1.74	1.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 25, 2019	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	May 25, 2019	0.74	0.74	0.74	100.0%
18841012	524	11	SWAUGER	13127600	5	May 25, 2019	1.40	1.40	1.40	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 25, 2019	1.20	1.20	1.20	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 25, 2019	0.81	0.81	0.81	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 25, 2019	1.65	1.65	1.65	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 25, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	May 25, 2019	0.20	0.23	0.20	100.0%
18850531	413	1353	MOORE	13132050	4	May 25, 2019	0.04	0.05	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	May 25, 2019	1.56	1.82	1.56	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 25, 2019	0.35	0.35	0.35	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 25, 2019	0.28	0.28	0.28	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 25, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 25, 2019	2.80	3.27	2.80	100.0%
18860501	417	644	MOORE	13132050	4	May 25, 2019	1.20	1.40	1.20	100.0%
18860512	263	398	MOORE	13132050	4	May 25, 2019	0.18	0.21	0.18	100.0%
18860601	90	1377	MOORE	13132050	4	May 25, 2019	2.40	2.80	2.40	100.0%
18860601	357	1288	BURNETT	13127750	5	May 25, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 25, 2019	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 25, 2019	0.50	0.50	0.50	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 25, 2019	1.00	1.17	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	May 25, 2019	0.60	0.60	0.60	100.0%
18860721	260	1668	BURNETT	13127750	5	May 25, 2019	0.80	0.80	0.80	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 25, 2019	3.20	3.20	3.20	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 25, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 25, 2019	2.80	2.80	2.80	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 25, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 2	13123070	8	May 25, 2019	1.20	1.20	1.20	100.0%
18880401	279	2120	Anderson	13120745	9	May 25, 2019	0.97	0.97	0.97	100.0%

18880401	682	2139	NEILSEN	13120805	9	May 25, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	May 25, 2019	0.43	0.43	0.43	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 25, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	May 25, 2019	1.60	1.60	1.60	100.0%
18880801	279	2125	Anderson	13120745	9	May 25, 2019	1.45	1.45	1.45	100.0%
18880801	2329	1738	NEILSEN	13120805	9	May 25, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	May 25, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	KENT	13120605	9	May 25, 2019	1.54	1.54	1.54	100.0%
18881101	59	2222	KENT	13120605	9	May 25, 2019	1.66	1.66	1.66	100.0%
18890601	589	716	BURNETT	13127750	5	May 25, 2019	0.30	0.30	0.30	100.0%
18890601	475	969	BURNETT	13127750	5	May 25, 2019	1.20	1.20	1.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	May 25, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 25, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 25, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	May 25, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 25, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 25, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 25, 2019	0.22	0.26	0.22	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 25, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	May 25, 2019	0.79	0.79	0.79	100.0%
18931101	2610	2096	KENT	13120605	9	May 25, 2019	0.96	0.96	0.96	100.0%
18931101	59	1279	KENT	13120605	9	May 25, 2019	0.05	0.05	0.05	100.0%
18940310	265	2217	BURNETT	13127750	5	May 25, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 25, 2019	0.44	0.44	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	May 25, 2019	0.40	0.40	0.40	100.0%
18940310	609	1496	CHILLY	13121105	9	May 25, 2019	2.60	2.60	2.60	100.0%
18940601	417	379	MOORE	13132050	4	May 25, 2019	0.15	0.18	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 25, 2019	0.01	0.01	0.01	100.0%
18940601	632	1724	SHARP	13126500	6	May 25, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	May 25, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	May 25, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 25, 2019	0.10	0.12	0.10	100.0%
18950601	445	410	NEILSEN	13120805	9	May 25, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 25, 2019	0.02	0.02	0.02	100.0%
18950630	265	2218	BURNETT	13127750	5	May 25, 2019	1.60	1.60	1.60	100.0%
18960601	263	397	MOORE	13132050	4	May 25, 2019	0.35	0.41	0.35	100.0%
18960601	417	381	MOORE	13132050	4	May 25, 2019	0.93	1.09	0.93	100.0%
18960601	263	399	MOORE	13132050	4	May 25, 2019	0.27	0.32	0.27	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	May 25, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 25, 2019	6.40	6.40	6.40	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 25, 2019	2.00	2.00	2.00	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 25, 2019	2.40	2.40	2.40	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	May 25, 2019	0.65	0.76	0.65	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 25, 2019	0.30	0.30	0.30	100.0%
18990327	113	584	MOORE	13132050	4	May 25, 2019	0.03	0.04	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	May 25, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 25, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	May 25, 2019	1.03	1.03	1.03	100.0%
18991001	2329	1735	NEILSEN	13120805	9	May 25, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	May 25, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	May 25, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 25, 2019	3.20	3.20	3.20	100.0%
19011001	263	396	MOORE	13132050	4	May 25, 2019	0.10	0.12	0.10	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	May 25, 2019	0.20	0.23	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 25, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 25, 2019	0.06	0.06	0.06	100.0%
19020301	307	676	CHILLY	13121105	9	May 25, 2019	1.60	1.60	1.60	100.0%
19020301	373	24	CHILLY	13121105	9	May 25, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 25, 2019	2.40	2.40	2.40	100.0%
19020301	364	952	CHILLY	13121105	9	May 25, 2019	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	May 25, 2019	0.80	0.80	0.80	100.0%
19020304	129	2186	CHILLY	13121105	9	May 25, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 25, 2019	0.80	0.80	0.80	100.0%
19020501	310	631	CHILLY	13121105	9	May 25, 2019	0.80	0.80	0.80	100.0%

19020501	629	1498	HOWELL	13120490	10	May 25, 2019	0.40	0.40	0.40	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 25, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	May 25, 2019	2.43	2.43	2.43	100.0%
19020601	232	2220	NEILSEN	13120805	9	May 25, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	May 25, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	May 25, 2019	0.30	0.30	0.30	100.0%
19030224	364	953	CHILLY	13121105	9	May 25, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 25, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 25, 2019	1.60	1.60	1.60	100.0%
19040601	279	2127	Anderson	13120745	9	May 25, 2019	0.12	0.12	0.12	100.0%
19040601	2329	1740	NEILSEN	13120805	9	May 25, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	May 25, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 25, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 25, 2019	0.13	0.13	0.13	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 25, 2019	3.00	3.00	3.00	100.0%
19050501	2329	1737	NEILSEN	13120805	9	May 25, 2019	0.27	0.27	0.27	100.0%
19050501	232	2155	NEILSEN	13120805	9	May 25, 2019	0.12	0.12	0.12	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 25, 2019	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	May 25, 2019	0.30	0.30	0.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 25, 2019	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	May 25, 2019	1.30	1.30	1.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 25, 2019	0.82	0.82	0.82	100.0%
19050501	373	432	CHILLY	13121105	9	May 25, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	May 25, 2019	0.20	0.20	0.20	100.0%
19050501	129	2187	CHILLY	13121105	9	May 25, 2019	0.78	0.78	0.78	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	May 25, 2019	0.42	0.42	0.42	99.5%
19080709	475	1098	BURNETT	13127750	5	May 25, 2019	0.16	0.16	0.16	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 25, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 25, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 25, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 25, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 25, 2019	1.50	1.50	1.50	100.0%
19121003	55	104	NEILSEN	13120805	9	May 25, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 25, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	May 25, 2019	0.30	0.30	0.30	100.0%
19121014	403	813	NEILSEN	13120805	9	May 25, 2019	1.30	1.30	1.30	100.0%
19131224	373	25	CHILLY	13121105	9	May 25, 2019	1.60	1.60	1.60	100.0%
19140601	445	412	NEILSEN	13120805	9	May 25, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	May 25, 2019	0.02	0.02	0.02	100.0%
19150504	373	434	CHILLY	13121105	9	May 25, 2019	0.22	0.22	0.22	100.0%
19160212	2329	1736	NEILSEN	13120805	9	May 25, 2019	0.10	0.10	0.10	100.0%
19160212	682	1054	NEILSEN	13120805	9	May 25, 2019	0.03	0.03	0.03	100.0%
19160501	129	2128	CHILLY	13121105	9	May 25, 2019	0.31	0.31	0.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 25, 2019	1.36	1.36	1.36	100.0%
19160601	2329	1734	NEILSEN	13120805	9	May 25, 2019	0.78	0.78	0.78	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 25, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 25, 2019	0.23	0.23	0.23	100.0%
19600501	90	175	MOORE	13132050	4	May 25, 2019	0.44	0.51	0.44	100.0%
19950203	476	1272	MOORE	13132050	4	May 25, 2019	51.26	59.88	51.26	100.0%
19950411	476	1273	BECK	13130525	4	May 25, 2019	2.00	2.34	2.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	May 25, 2019	8.22	8.22	8.22	100.0%
19950411	476	1273	DARLINGTON	13127735	5	May 25, 2019	18.40	18.40	18.40	100.0%
19950411	476	1273	BURNETT	13127750	5	May 25, 2019	50.24	50.24	50.24	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	May 25, 2019	16.00	16.00	16.00	100.0%
19950411	476	1273	SHARP	13126500	6	May 25, 2019	1.76	1.76	1.76	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 25, 2019	5.77	5.77	5.77	100.0%
19950411	476	1273	CHILLY	13121105	9	May 25, 2019	8.00	8.00	8.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 25, 2019	9969.40	9969.40	362.24	3.6%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 26, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 26	597.0	2.0	0.0	599.0	0.00	599.0	2.0	0.0	0.0	597.0	0.0	0.0
9	Howell to Chilly	May 26	477.0	99.8	0.0	-20.2	0.03	578.8	97.1	2.7	0.0	479.7	-2.7	0.0
8	Chilly to Reservoir	* May 26	573.6	50.8	0.0	147.4	0.00	726.2	50.0	0.8	0.0	577.0	-3.5	0.0
	Connected													
7	Mackay Reservoir	* May 26	623.6	0.0	0.0	0.0	0.00	759.0	407.8		0.0	169.3	454.3	0.0
6	Reservoir to 2B	May 26	617.0	6.6	0.0	0.0	0.00	726.2	6.5	0.1	0.0	162.8	454.2	0.0
5	2B to Leslie	May 26	517.0	132.8	0.0	32.8	0.00	759.0	120.4	12.4	0.0	75.2	441.8	0.0
4	Leslie to Moore	May 26	341.5	134.2	0.0	-41.3	0.08	759.0	69.2	65.1	0.0	0.0	341.5	0.0
2	Moore to blw Munsey	May 26	389.0	0.0	0.0	47.5	0.00	806.5	0.0	0.0	0.0	47.5	341.5	0.0
1	Blw Munsey to Arco	May 26	291.0	0.0	0.0	-98.0	0.25	806.5	0.0	0.0	0.0	35.6	255.4	0.0
							TOTAL		753.0	81.1	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 26	0.0	0.0		20180101	4%
9	Howell to Chilly	May 26	0.0	0.0		20180101	4%
8	Chilly to Reservoir	May 26	0.0	0.0		20180101	4%
	Connected						
7	Mackay Reservoir	May 26	0.0	0.0		20180101	4%
6	Reservoir to 2B	May 26	0.0	0.0		20180101	4%
5	2B to Leslie	May 26	0.0	0.0		20180101	4%
4	Leslie to Moore	May 26	6.0	35.3		20180101	4%
2	Moore to blw Munsey	May 26	0.0	0.0		20180101	4%
1	Blw Munsey to Arco	May 26	12.0	86.0		20180101	4%
		TOTAL	18.0	121.3	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	165.0
2	18810630	1.7	294.0	87.7
3	18880601	3.2	556.5	165.0
4	18960601	6.4	1113.0	330.1
5	19020301	0.8	140.0	41.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	14121.5
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	58761.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
31630.0	31520.0	-110.0	-55.5	5.4

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	14910.5
Total Storage Loss	-7142.3
Total Storage Deliver	-4802.1
Total Evaporation	-316.7
Accounting Balance	31519.4
Current Res Content	31520.0
Storage Balance Error	-0.6

DAILY STORAGE BALANCE

31630.0	Reservoir Content Previous Day [ac-ft]
31520.0	Reservoir Content Current Day [ac-ft]
-110.0	Physical Change in Storage [ac-ft]
808.8	Storage Allocated to Mackay Reservoir [ac-ft]
-747.3	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-35.3	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
-86.0	blw Munsey to Arco Gage [cfs]
-255.4	Past Arco Gage [cfs]
-160.9	Storage Delivered [ac-ft]
3.5	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
12.4	2B to Leslie [cfs]
65.1	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-10.8	Evaporation [ac-ft]
-110.2	Accounting Change in Storage [ac-ft]
-0.2	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

573.6	Gain in/above Mackay Reservoir [cfs]
32.8	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
47.5	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
653.9	Total Available Natural Flow [cfs]
407.8	Reservoir Rights Diverted [cfs]
53.5	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
6.0	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
12.0	blw Munsey to Arco Gage [cfs]
35.6	Natural Flow Past Arco Gage [cfs]
192.6	Natural Flow Delivered [cfs]
-3.5	Above Reservoir Storage Use [cfs]
6.5	Reservoir to 2B [cfs]
120.4	2B to Leslie [cfs]
69.2	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
653.9	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.8	590
Eastside Felton Wier +	38.2	1910
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	50.0	2500
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	0.0	0
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	81.4	4070
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	64.9	3245
Total Out	146.3	7315

Abbreviated Reach Delivery Factor 2.93
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 531.4%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 64.9 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 12.2 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 62.8%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 19.5 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 67.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 304.1%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 333.5%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 26, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.0	0.0	0.0	8	No Tellum 2	6.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	6.6	0.1	9.2
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	6.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	14.0	0.0	140.2
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	32.8	2.4	461.3
9	NEILSEN	40.8	2.7	122.3	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	70.0	10.0	660.1
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	48.0	0.0	0.0	8	Broken River Pum	0.0	0.0	3.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	2.0	0.0	90.6
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	0.0	0.0	0.0
8	Donahue 1	0.9	0.8	41.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	11.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	6.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	64.7	0.2	1496.7
8	Mtn. Springs 1	5.0	0.0	55.5	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	67.5	64.8	1959.8
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	0.0	0.0	170.4
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	0.0	0.0	151.0
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.4	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	5.0	63.5	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 26, 2019	5.00	5.00	5.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 26, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 26, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 26, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 26, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 26, 2019	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 26, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 2	13123070	8	May 26, 2019	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 26, 2019	1.20	1.20	1.20	100.0%
18830810	263	393	MOORE	13132050	4	May 26, 2019	0.18	0.20	0.18	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	May 26, 2019	0.21	0.23	0.21	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 26, 2019	0.07	0.07	0.07	100.0%
18840422	585	951	SWAUGER	13127600	5	May 26, 2019	0.18	0.18	0.18	100.0%
18840422	360	133	BURNETT	13127750	5	May 26, 2019	1.46	1.46	1.46	100.0%
18840422	347	938	SHARP	13126500	6	May 26, 2019	4.00	4.00	4.00	100.0%
18840422	632	2077	SHARP	13126500	6	May 26, 2019	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	May 26, 2019	0.64	0.64	0.64	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 26, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 26, 2019	0.22	0.22	0.22	100.0%
18840520	113	585	MOORE	13132050	4	May 26, 2019	0.11	0.12	0.11	100.0%
18840520	263	394	MOORE	13132050	4	May 26, 2019	0.22	0.24	0.22	100.0%
18840601	263	395	MOORE	13132050	4	May 26, 2019	0.08	0.09	0.08	100.0%
18840601	317	940	No Tellum 2	13123070	8	May 26, 2019	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 26, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 26, 2019	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	May 26, 2019	1.20	1.30	1.20	100.0%
18840831	306	1200	MOORE	13132050	4	May 26, 2019	0.20	0.22	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	May 26, 2019	0.46	0.50	0.46	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	May 26, 2019	0.40	0.43	0.40	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 26, 2019	1.74	1.74	1.74	100.0%
18841012	524	11	SWAUGER	13127600	5	May 26, 2019	1.40	1.40	1.40	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 26, 2019	2.77	2.77	2.77	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 26, 2019	1.20	1.20	1.20	100.0%
18841012	317	385	SWAUGER	13127600	5	May 26, 2019	0.74	0.74	0.74	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 26, 2019	0.81	0.81	0.81	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 26, 2019	1.65	1.65	1.65	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 26, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	May 26, 2019	0.20	0.22	0.20	100.0%
18850530	484	1672	BURNETT	13127750	5	May 26, 2019	1.20	1.20	1.20	100.0%
18850531	63	1354	MOORE	13132050	4	May 26, 2019	1.56	1.69	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	May 26, 2019	0.04	0.05	0.04	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 26, 2019	1.35	1.35	1.35	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 26, 2019	0.28	0.28	0.28	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 26, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 26, 2019	2.80	3.04	2.80	100.0%
18860501	417	644	MOORE	13132050	4	May 26, 2019	1.20	1.30	1.20	100.0%
18860512	263	398	MOORE	13132050	4	May 26, 2019	0.18	0.20	0.18	100.0%
18860601	90	1377	MOORE	13132050	4	May 26, 2019	2.40	2.61	2.40	100.0%
18860601	357	1288	BURNETT	13127750	5	May 26, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 26, 2019	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 26, 2019	0.50	0.50	0.50	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 26, 2019	1.00	1.09	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	May 26, 2019	0.60	0.60	0.60	100.0%
18860721	260	1668	BURNETT	13127750	5	May 26, 2019	0.80	0.80	0.80	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 26, 2019	3.20	3.20	3.20	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 26, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 26, 2019	2.80	2.80	2.80	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 26, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 2	13123070	8	May 26, 2019	1.20	1.20	1.20	100.0%

18880401	279	2120	Anderson	13120745	9	May 26, 2019	0.97	0.97	0.97	100.0%
18880401	682	2139	NEILSEN	13120805	9	May 26, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	May 26, 2019	0.43	0.43	0.43	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	May 26, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	May 26, 2019	1.60	1.60	1.60	100.0%
18880801	279	2125	Anderson	13120745	9	May 26, 2019	1.45	1.45	1.45	100.0%
18880801	2329	1738	NEILSEN	13120805	9	May 26, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	May 26, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	KENT	13120605	9	May 26, 2019	1.54	1.54	1.54	100.0%
18881101	59	2222	KENT	13120605	9	May 26, 2019	1.66	1.66	1.66	100.0%
18890601	475	969	BURNETT	13127750	5	May 26, 2019	1.20	1.20	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	May 26, 2019	0.30	0.30	0.30	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	May 26, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 26, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 26, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	May 26, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 26, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 26, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 26, 2019	0.22	0.24	0.22	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 26, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	May 26, 2019	0.05	0.05	0.05	100.0%
18931101	2610	2096	KENT	13120605	9	May 26, 2019	0.96	0.96	0.96	100.0%
18931101	59	2223	KENT	13120605	9	May 26, 2019	0.79	0.79	0.79	100.0%
18940310	357	15	BURNETT	13127750	5	May 26, 2019	0.40	0.40	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	May 26, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 26, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	May 26, 2019	2.60	2.60	2.60	100.0%
18940601	417	379	MOORE	13132050	4	May 26, 2019	0.15	0.16	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 26, 2019	0.01	0.01	0.01	100.0%
18940601	632	1724	SHARP	13126500	6	May 26, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	May 26, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	May 26, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 26, 2019	0.10	0.11	0.10	100.0%
18950601	445	411	NEILSEN	13120805	9	May 26, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 26, 2019	0.18	0.18	0.18	100.0%
18950630	265	2218	BURNETT	13127750	5	May 26, 2019	1.60	1.60	1.60	100.0%
18960601	263	399	MOORE	13132050	4	May 26, 2019	0.27	0.29	0.27	100.0%
18960601	417	381	MOORE	13132050	4	May 26, 2019	0.93	1.01	0.93	100.0%
18960601	263	397	MOORE	13132050	4	May 26, 2019	0.35	0.38	0.35	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	May 26, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 26, 2019	6.40	6.40	6.40	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 26, 2019	2.00	2.00	2.00	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 26, 2019	2.40	2.40	2.40	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	May 26, 2019	0.65	0.71	0.65	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 26, 2019	0.30	0.30	0.30	100.0%
18990327	113	584	MOORE	13132050	4	May 26, 2019	0.03	0.03	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	May 26, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 26, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	May 26, 2019	1.03	1.03	1.03	100.0%
18991001	2329	1735	NEILSEN	13120805	9	May 26, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	May 26, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	May 26, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 26, 2019	3.20	3.20	3.20	100.0%
19011001	263	396	MOORE	13132050	4	May 26, 2019	0.10	0.11	0.10	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	May 26, 2019	0.20	0.22	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 26, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 26, 2019	0.06	0.06	0.06	100.0%
19020301	364	952	CHILLY	13121105	9	May 26, 2019	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	May 26, 2019	2.40	2.40	2.40	100.0%
19020301	373	24	CHILLY	13121105	9	May 26, 2019	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	May 26, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	May 26, 2019	0.80	0.80	0.80	100.0%
19020304	129	2186	CHILLY	13121105	9	May 26, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 26, 2019	0.80	0.80	0.80	100.0%

19020501	310	631	CHILLY	13121105	9	May 26, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	May 26, 2019	0.40	0.40	0.40	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 26, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	May 26, 2019	2.43	2.43	2.43	100.0%
19020601	682	742	NEILSEN	13120805	9	May 26, 2019	0.30	0.30	0.30	100.0%
19020601	2329	1739	NEILSEN	13120805	9	May 26, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	May 26, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	May 26, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 26, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 26, 2019	1.60	1.60	1.60	100.0%
19040601	279	2127	Anderson	13120745	9	May 26, 2019	0.12	0.12	0.12	100.0%
19040601	232	2221	NEILSEN	13120805	9	May 26, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	May 26, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 26, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 26, 2019	0.13	0.13	0.13	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 26, 2019	0.65	0.65	0.65	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 26, 2019	3.00	3.00	3.00	100.0%
19050501	232	2155	NEILSEN	13120805	9	May 26, 2019	0.12	0.12	0.12	100.0%
19050501	130	74	NEILSEN	13120805	9	May 26, 2019	1.30	1.30	1.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 26, 2019	0.82	0.82	0.82	100.0%
19050501	2329	1737	NEILSEN	13120805	9	May 26, 2019	0.27	0.27	0.27	100.0%
19050501	403	811	NEILSEN	13120805	9	May 26, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 26, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	May 26, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	May 26, 2019	0.20	0.20	0.20	100.0%
19050501	373	432	CHILLY	13121105	9	May 26, 2019	0.58	0.58	0.58	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	May 26, 2019	0.42	0.42	0.42	99.5%
19080709	475	1098	BURNETT	13127750	5	May 26, 2019	0.16	0.16	0.16	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 26, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 26, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 26, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 26, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 26, 2019	1.50	1.50	1.50	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 26, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	May 26, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	May 26, 2019	0.30	0.30	0.30	100.0%
19121014	403	813	NEILSEN	13120805	9	May 26, 2019	1.30	1.30	1.30	100.0%
19131224	373	25	CHILLY	13121105	9	May 26, 2019	1.60	1.60	1.60	100.0%
19140601	445	413	NEILSEN	13120805	9	May 26, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	May 26, 2019	0.18	0.18	0.18	100.0%
19150504	373	434	CHILLY	13121105	9	May 26, 2019	0.22	0.22	0.22	100.0%
19160212	682	1054	NEILSEN	13120805	9	May 26, 2019	0.03	0.03	0.03	100.0%
19160212	2329	1736	NEILSEN	13120805	9	May 26, 2019	0.10	0.10	0.10	100.0%
19160501	129	2128	CHILLY	13121105	9	May 26, 2019	0.31	0.31	0.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 26, 2019	1.36	1.36	1.36	100.0%
19160601	2329	1734	NEILSEN	13120805	9	May 26, 2019	0.78	0.78	0.78	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 26, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 26, 2019	0.23	0.23	0.23	100.0%
19600501	90	175	MOORE	13132050	4	May 26, 2019	0.44	0.48	0.44	100.0%
19950203	476	1272	MOORE	13132050	4	May 26, 2019	51.26	55.71	51.26	100.0%
19950411	476	1273	BECK	13130525	4	May 26, 2019	2.00	2.17	2.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	May 26, 2019	6.82	6.82	6.82	100.0%
19950411	476	1273	DARLINGTON	13127735	5	May 26, 2019	26.80	26.80	26.80	100.0%
19950411	476	1273	BURNETT	13127750	5	May 26, 2019	48.02	48.02	48.02	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	May 26, 2019	16.00	16.00	16.00	100.0%
19950411	476	1273	SHARP	13126500	6	May 26, 2019	1.66	1.66	1.66	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 26, 2019	5.77	5.77	5.77	100.0%
19950411	476	1273	CHILLY	13121105	9	May 26, 2019	8.00	8.00	8.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 26, 2019	9969.40	9969.40	392.49	3.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 27, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		May 27	587.0	2.0	0.0	589.0	0.00	589.0	2.0	0.0	0.0	587.0	0.0	0.0
9	Howell to Chilly		May 27	467.0	99.8	0.0	-20.2	0.03	568.8	97.1	2.7	0.0	469.7	-2.7	0.0
8	Chilly to Reservoir	*	May 27	563.2	50.8	0.0	147.0	0.00	715.8	50.0	0.8	0.0	566.6	-3.5	0.0
	Connected														
7	Mackay Reservoir	*	May 27	788.0	0.0	0.0	0.0	0.00	715.8	317.4		0.0	249.2	538.8	0.0
6	Reservoir to 2B		May 27	780.0	8.0	0.0	0.0	0.00	715.8	7.9	0.1	0.0	241.3	538.7	0.0
5	2B to Leslie		May 27	523.0	145.7	0.0	-111.3	0.14	715.8	133.7	12.0	0.0	73.2	449.8	0.0
4	Leslie to Moore		May 27	341.8	145.8	0.0	-35.4	0.07	715.8	68.2	77.6	0.0	0.0	341.8	0.0
2	Moore to blw Munsey		May 27	377.0	24.1	0.0	59.3	0.00	775.1	27.5	-3.4	0.0	31.9	345.1	0.0
1	Blw Munsey to Arco		May 27	285.0	0.0	0.0	-92.0	0.24	775.1	0.0	0.0	0.0	24.1	260.9	0.0
								TOTAL		703.8	89.8	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 27	0.0	0.0		20180101	3%
9	Howell to Chilly	May 27	0.0	0.0		20180101	3%
8	Chilly to Reservoir	May 27	0.0	0.0		20180101	3%
	Connected						
7	Mackay Reservoir	May 27	0.0	0.0		20180101	3%
6	Reservoir to 2B	May 27	0.0	0.0		20180101	3%
5	2B to Leslie	May 27	34.4	76.9		20180101	3%
4	Leslie to Moore	May 27	5.0	30.4		20180101	3%
2	Moore to blw Munsey	May 27	0.0	0.0		20180101	3%
1	Blw Munsey to Arco	May 27	7.8	84.2		20180101	3%
		TOTAL	47.2	191.5	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	171.4
2	18810630	1.7	294.0	91.0
3	18880601	3.2	556.5	171.4
4	18960601	6.4	1113.0	342.7
5	19020301	0.8	140.0	42.8
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	14720.7
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	59391.1

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
31520.0	31070.0	-450.0	-226.9	2.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	15540.1
Total Storage Loss	-8039.7
Total Storage Deliver	-4980.2
Total Evaporation	-320.7
Accounting Balance	31069.5
Current Res Content	31070.0
Storage Balance Error	-0.5

DAILY STORAGE BALANCE

```
 31520.0 Reservoir Content Previous Day [ac-ft]
 31070.0 Reservoir Content Current Day [ac-ft]
  -450.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------
           629.6 Storage Allocated to Mackay Reservoir [ac-ft]

          -897.4 Stored Flow Losses [ac-ft]
               -76.9 2B to Leslie [cfs]
               -30.4 Leslie to Moore [cfs]
                 0.0 Moore blw Munsey [cfs]
               -84.2 blw Munsey to Arco Gage [cfs]
              -260.9 Past Arco Gage [cfs]

          -178.2 Storage Delivered [ac-ft]
                 3.5 Above Reservoir [cfs]
                 0.1 Reservoir to 2B [cfs]
                12.0 2B to Leslie [cfs]
                77.6 Leslie to Moore [cfs]
                -3.4 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

            -4.0 Evaporation [ac-ft]

  -450.0 Accounting Change in Storage [ac-ft]
-------------------------------------------------------
     0.0 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   563.2 Gain in/above Mackay Reservoir [cfs]
     0.0 Gain in Reach 5: 2-B to Leslie [cfs]
     0.0 Gain in Reach 4: Leslie to Moore [cfs]
    59.3 Gain in Reach 2: Moore to Munsey [cfs]
     0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------
   622.5 Total Available Natural Flow [cfs]
-------------------------------------------------------
           317.4 Reservoir Rights Diverted [cfs]

            71.3 Natural Flow Losses below Reservoir [cfs]
                34.4 2B to Leslie [cfs]
                 5.0 Leslie to Moore [cfs]
                 0.0 Moore to blw Munsey [cfs]
                 7.8 blw Munsey to Arco Gage [cfs]
                24.1 Natural Flow Past Arco Gage [cfs]

           233.8 Natural Flow Delivered [cfs]
                -3.5 Above Reservoir Storage Use [cfs]
                 7.9 Reservoir to 2B [cfs]
               133.7 2B to Leslie [cfs]
                68.2 Leslie to Moore [cfs]
                27.5 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

   622.5 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------
     0.0 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.7	585
Eastside Felton Wier +	37.6	1880
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	49.3	2465
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	0.0	0
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	84.2	4210
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	36.3	1815
Total Out	120.5	6025

Abbreviated Reach Delivery Factor 2.44
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 492.3%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 36.3 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 7.4 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 62.7%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 11.8 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 74.2 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 284.2%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 308.5%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 27, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.0	0.0	0.0	8	No Tellum 2	6.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.0	0.0	0.0	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	8.0	0.1	9.4
9	BITTON	0.0	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	6.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	10.0	0.0	140.2
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	41.6	3.4	468.0
9	NEILSEN	40.8	2.7	127.6	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	77.1	8.6	677.1
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	17.0	0.0	0.0
9	CHILLY	48.0	0.0	0.0	8	Broken River Pum	0.0	0.0	3.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	0.9	0.0	90.6
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	4.0	4.0	7.9
8	Donahue 1	0.9	0.8	42.8	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	15.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	6.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	64.7	0.1	1496.8
8	Mtn. Springs 1	5.0	0.0	55.5	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	74.2	71.5	2101.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	15.3	0.4	171.2
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	8.8	1.8	154.5
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.4	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	5.0	73.4	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 27, 2019	5.00	5.00	5.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 27, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 27, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 27, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 27, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 27, 2019	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 27, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 2	13123070	8	May 27, 2019	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 27, 2019	1.20	1.20	1.20	100.0%
18830810	263	393	MOORE	13132050	4	May 27, 2019	0.18	0.23	0.18	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	May 27, 2019	0.21	0.27	0.21	100.0%
18840422	585	951	SWAUGER	13127600	5	May 27, 2019	0.18	0.21	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 27, 2019	0.07	0.08	0.07	100.0%
18840422	360	133	BURNETT	13127750	5	May 27, 2019	1.46	1.70	1.46	100.0%
18840422	632	2077	SHARP	13126500	6	May 27, 2019	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	May 27, 2019	0.64	0.64	0.64	100.0%
18840422	347	938	SHARP	13126500	6	May 27, 2019	4.00	4.00	4.00	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 27, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 27, 2019	1.80	1.80	1.80	100.0%
18840520	263	394	MOORE	13132050	4	May 27, 2019	0.22	0.28	0.22	100.0%
18840520	113	585	MOORE	13132050	4	May 27, 2019	0.11	0.14	0.11	100.0%
18840601	263	395	MOORE	13132050	4	May 27, 2019	0.08	0.10	0.08	100.0%
18840601	317	940	No Tellum 2	13123070	8	May 27, 2019	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 27, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 27, 2019	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	May 27, 2019	1.20	1.50	1.20	100.0%
18840831	306	1200	MOORE	13132050	4	May 27, 2019	0.20	0.25	0.20	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	May 27, 2019	0.40	0.50	0.40	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 27, 2019	1.74	1.74	1.74	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 27, 2019	1.20	1.40	1.20	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 27, 2019	0.81	0.94	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 27, 2019	2.77	3.23	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	May 27, 2019	0.74	0.86	0.74	100.0%
18841012	524	11	SWAUGER	13127600	5	May 27, 2019	1.40	1.63	1.40	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 27, 2019	1.65	1.92	1.65	100.0%
18850501	426	887	ARCO	13132365	2	May 27, 2019	0.64	0.80	0.51	79.9%
18850501	130	1285	NEILSEN	13120805	9	May 27, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	May 27, 2019	0.20	0.25	0.20	100.0%
18850530	484	1672	BURNETT	13127750	5	May 27, 2019	1.20	1.40	1.20	100.0%
18850531	63	1354	MOORE	13132050	4	May 27, 2019	1.56	1.95	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	May 27, 2019	0.04	0.06	0.04	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 27, 2019	2.35	2.74	2.35	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 27, 2019	0.28	0.28	0.28	100.0%
18851002	356	82	ARCO	13132365	2	May 27, 2019	3.20	4.00	2.56	79.9%
18851002	356	42	ARCO	13132365	2	May 27, 2019	4.50	5.63	3.60	79.9%
18851002	437	62	ARCO	13132365	2	May 27, 2019	1.54	1.93	1.23	79.9%
18860407	1	1334	6X Ranch 1	13122805	8	May 27, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	May 27, 2019	1.20	1.50	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 27, 2019	2.80	3.50	2.80	100.0%
18860512	263	398	MOORE	13132050	4	May 27, 2019	0.18	0.23	0.18	100.0%
18860601	90	1377	MOORE	13132050	4	May 27, 2019	2.40	3.00	2.40	100.0%
18860601	357	1288	BURNETT	13127750	5	May 27, 2019	1.60	1.87	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 27, 2019	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 27, 2019	0.50	0.50	0.50	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 27, 2019	1.00	1.25	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	May 27, 2019	0.60	0.70	0.60	100.0%
18860721	260	1668	BURNETT	13127750	5	May 27, 2019	0.80	0.93	0.80	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 27, 2019	3.20	3.20	3.20	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 27, 2019	0.80	0.80	0.80	100.0%

18870420	1	1336	6X Ranch 1	13122805	8	May 27, 2019	2.80	2.80	2.80	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 27, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 2	13123070	8	May 27, 2019	1.20	1.20	1.20	100.0%
18880401	279	2120	Anderson	13120745	9	May 27, 2019	0.97	0.97	0.97	100.0%
18880401	682	2139	NEILSEN	13120805	9	May 27, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	May 27, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	May 27, 2019	0.33	0.41	0.26	79.9%
18880601	56	1994	MACKAY DAM	13126000	7	May 27, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	May 27, 2019	1.60	1.60	1.60	100.0%
18880801	279	2125	Anderson	13120745	9	May 27, 2019	1.45	1.45	1.45	100.0%
18880801	2329	1738	NEILSEN	13120805	9	May 27, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	May 27, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	KENT	13120605	9	May 27, 2019	1.54	1.54	1.54	100.0%
18881101	59	2222	KENT	13120605	9	May 27, 2019	1.66	1.66	1.66	100.0%
18890601	475	969	BURNETT	13127750	5	May 27, 2019	1.20	1.40	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	May 27, 2019	0.30	0.35	0.30	100.0%
18900601	426	756	ARCO	13132365	2	May 27, 2019	0.57	0.71	0.46	79.9%
18900601	571	2213	Upper Fish Hatch	13124160	8	May 27, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 27, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 27, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	May 27, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 27, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 27, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 27, 2019	0.22	0.28	0.22	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 27, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	May 27, 2019	0.96	0.96	0.96	100.0%
18931101	59	2223	KENT	13120605	9	May 27, 2019	0.79	0.79	0.79	100.0%
18931101	59	1279	KENT	13120605	9	May 27, 2019	0.05	0.05	0.05	100.0%
18940310	475	989	BURNETT	13127750	5	May 27, 2019	0.44	0.51	0.44	100.0%
18940310	265	2217	BURNETT	13127750	5	May 27, 2019	2.80	3.27	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	May 27, 2019	0.40	0.47	0.40	100.0%
18940310	609	1496	CHILLY	13121105	9	May 27, 2019	2.60	2.60	2.60	100.0%
18940601	417	379	MOORE	13132050	4	May 27, 2019	0.15	0.19	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 27, 2019	0.01	0.01	0.01	100.0%
18940601	632	1724	SHARP	13126500	6	May 27, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	May 27, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	May 27, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 27, 2019	0.10	0.13	0.10	100.0%
18950601	445	411	NEILSEN	13120805	9	May 27, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 27, 2019	0.18	0.18	0.18	100.0%
18950630	265	2218	BURNETT	13127750	5	May 27, 2019	1.60	1.87	1.60	100.0%
18960601	263	397	MOORE	13132050	4	May 27, 2019	0.35	0.44	0.35	100.0%
18960601	263	399	MOORE	13132050	4	May 27, 2019	0.27	0.34	0.27	100.0%
18960601	417	381	MOORE	13132050	4	May 27, 2019	0.99	1.24	0.99	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	May 27, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 27, 2019	6.40	6.40	6.40	100.0%
18960901	437	671	ARCO	13132365	2	May 27, 2019	0.13	0.16	0.10	79.9%
18970510	437	664	ARCO	13132365	2	May 27, 2019	1.74	2.18	1.39	79.9%
18970515	130	1286	NEILSEN	13120805	9	May 27, 2019	2.00	2.00	2.00	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 27, 2019	2.40	2.40	2.40	100.0%
18980601	437	1310	ARCO	13132365	2	May 27, 2019	1.60	2.00	1.28	79.9%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	May 27, 2019	0.65	0.81	0.65	100.0%
18980901	356	818	ARCO	13132365	2	May 27, 2019	1.04	1.30	0.83	79.9%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 27, 2019	0.30	0.30	0.30	100.0%
18990327	113	584	MOORE	13132050	4	May 27, 2019	0.03	0.04	0.03	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 27, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 27, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	May 27, 2019	1.03	1.03	1.03	100.0%
18991001	2329	1735	NEILSEN	13120805	9	May 27, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	May 27, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	May 27, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 27, 2019	3.20	3.20	3.20	100.0%
19011001	263	396	MOORE	13132050	4	May 27, 2019	0.12	0.15	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	May 27, 2019	1.31	1.64	1.05	79.9%

19020201	638	1401	UPPER EASTSIDE &	13132101	4	May 27, 2019	0.20	0.25	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 27, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 27, 2019	0.06	0.06	0.06	100.0%
19020301	364	952	CHILLY	13121105	9	May 27, 2019	3.20	3.20	3.20	100.0%
19020301	307	676	CHILLY	13121105	9	May 27, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 27, 2019	2.40	2.40	2.40	100.0%
19020301	310	836	CHILLY	13121105	9	May 27, 2019	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	May 27, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	May 27, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 27, 2019	0.80	0.80	0.80	100.0%
19020501	310	631	CHILLY	13121105	9	May 27, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	May 27, 2019	0.40	0.40	0.40	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 27, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	May 27, 2019	2.43	2.43	2.43	100.0%
19020601	232	2220	NEILSEN	13120805	9	May 27, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	May 27, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	May 27, 2019	0.30	0.30	0.30	100.0%
19030224	364	953	CHILLY	13121105	9	May 27, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 27, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 27, 2019	1.60	1.60	1.60	100.0%
19040601	279	2127	Anderson	13120745	9	May 27, 2019	0.12	0.12	0.12	100.0%
19040601	232	2221	NEILSEN	13120805	9	May 27, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	May 27, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 27, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 27, 2019	0.13	0.13	0.13	100.0%
19050501	403	811	NEILSEN	13120805	9	May 27, 2019	0.30	0.30	0.30	100.0%
19050501	2329	1737	NEILSEN	13120805	9	May 27, 2019	0.27	0.27	0.27	100.0%
19050501	232	2155	NEILSEN	13120805	9	May 27, 2019	0.12	0.12	0.12	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 27, 2019	0.82	0.82	0.82	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 27, 2019	0.40	0.40	0.40	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 27, 2019	3.00	3.00	3.00	100.0%
19050501	130	74	NEILSEN	13120805	9	May 27, 2019	1.30	1.30	1.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 27, 2019	0.65	0.65	0.65	100.0%
19050501	364	629	CHILLY	13121105	9	May 27, 2019	0.20	0.20	0.20	100.0%
19050501	373	432	CHILLY	13121105	9	May 27, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	May 27, 2019	0.78	0.78	0.78	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	May 27, 2019	0.42	0.42	0.42	99.5%
19080709	475	1098	BURNETT	13127750	5	May 27, 2019	0.16	0.19	0.16	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 27, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 27, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 27, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 27, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 27, 2019	1.50	1.50	1.50	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 27, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	May 27, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	May 27, 2019	1.30	1.30	1.30	100.0%
19121014	130	75	NEILSEN	13120805	9	May 27, 2019	0.30	0.30	0.30	100.0%
19131224	373	25	CHILLY	13121105	9	May 27, 2019	1.60	1.60	1.60	100.0%
19140601	445	412	NEILSEN	13120805	9	May 27, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	May 27, 2019	0.02	0.02	0.02	100.0%
19150504	373	434	CHILLY	13121105	9	May 27, 2019	0.22	0.22	0.22	100.0%
19160212	2329	1736	NEILSEN	13120805	9	May 27, 2019	0.10	0.10	0.10	100.0%
19160212	682	1054	NEILSEN	13120805	9	May 27, 2019	0.03	0.03	0.03	100.0%
19160501	129	2128	CHILLY	13121105	9	May 27, 2019	0.31	0.31	0.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 27, 2019	1.36	1.36	1.36	100.0%
19160601	2329	1734	NEILSEN	13120805	9	May 27, 2019	0.78	0.78	0.78	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 27, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 27, 2019	0.23	0.23	0.23	100.0%
19440508	437	737	ARCO	13132365	2	May 27, 2019	0.18	0.23	0.14	79.9%
19600501	90	175	MOORE	13132050	4	May 27, 2019	0.44	0.55	0.44	100.0%
19950203	476	1272	MOORE	13132050	4	May 27, 2019	51.80	64.81	51.80	100.0%
19950411	476	1273	ARCO	13132365	2	May 27, 2019	15.30	19.14	1.51	9.9%
19950411	476	1273	MUNSEY	13132375	2	May 27, 2019	8.80	11.01	7.03	79.9%
19950411	476	1273	BECK	13130525	4	May 27, 2019	0.90	1.13	0.90	100.0%

19950411	476	1273	SWAUGER	13127600	5	May 27, 2019	2.82	3.29	2.82	100.0%
19950411	476	1273	DARLINGTON	13127735	5	May 27, 2019	33.60	39.19	33.60	100.0%
19950411	476	1273	BURNETT	13127750	5	May 27, 2019	56.54	65.95	56.54	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	May 27, 2019	17.00	19.83	17.00	100.0%
19950411	476	1273	SHARP	13126500	6	May 27, 2019	3.06	3.06	3.06	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 27, 2019	5.77	5.77	5.77	100.0%
19950411	476	1273	CHILLY	13121105	9	May 27, 2019	8.00	8.00	8.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 27, 2019	9969.40	9969.40	302.10	3.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 28, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		May 28	605.0	4.8	0.0	609.8	0.00	609.8	4.8	0.0	0.0	605.0	0.0	0.0
9	Howell to Chilly		May 28	474.0	119.3	0.0	-11.7	0.02	598.1	115.3	4.0	0.0	478.0	-4.0	0.0
8	Chilly to Reservoir	*	May 28	584.7	63.5	0.0	174.2	0.00	772.3	57.7	5.8	0.0	594.5	-9.8	0.0
	Connected														
7	Mackay Reservoir	*	May 28	905.0	0.0	0.0	0.0	0.00	794.5	376.7		0.0	217.8	687.2	0.0
6	Reservoir to 2B		May 28	897.0	8.0	0.0	0.0	0.00	772.3	8.0	0.0	0.0	209.8	687.2	0.0
5	2B to Leslie		May 28	762.0	157.2	0.0	22.2	0.00	794.5	144.8	12.4	0.0	87.1	674.9	0.0
4	Leslie to Moore		May 28	441.2	148.5	0.0	-172.3	0.23	794.5	67.4	81.1	0.0	0.0	441.2	0.0
2	Moore to blw Munsey		May 28	451.0	37.3	0.0	47.1	0.00	841.6	25.3	12.0	0.0	21.8	429.2	0.0
1	Blw Munsey to Arco		May 28	295.0	0.0	0.0	-156.0	0.35	841.6	0.0	0.0	0.0	14.3	280.7	0.0
								TOTAL		800.1	115.3	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 28	0.0	0.0		20180101	4%
9	Howell to Chilly	May 28	0.0	0.0		20180101	4%
8	Chilly to Reservoir	May 28	0.0	0.0		20180101	4%
	Connected						
7	Mackay Reservoir	May 28	0.0	0.0		20180101	4%
6	Reservoir to 2B	May 28	0.0	0.0		20180101	4%
5	2B to Leslie	May 28	0.0	0.0		20180101	4%
4	Leslie to Moore	May 28	19.7	152.6		20180101	4%
2	Moore to blw Munsey	May 28	0.0	0.0		20180101	4%
1	Blw Munsey to Arco	May 28	7.5	148.5		20180101	4%
		TOTAL	27.2	301.0	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	177.7
2	18810630	1.7	294.0	94.4
3	18880601	3.2	556.5	177.7
4	18960601	6.4	1113.0	355.4
5	19020301	0.8	140.0	44.4
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	15437.5
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	60138.3

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
31070.0	30420.0	-650.0	-327.7	7.4

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	16287.3
Total Storage Loss	-9193.7
Total Storage Deliver	-5208.9
Total Evaporation	-335.4
Accounting Balance	30419.3
Current Res Content	30420.0
Storage Balance Error	-0.7

DAILY STORAGE BALANCE

31070.0	Reservoir Content Previous Day [ac-ft]
30420.0	Reservoir Content Current Day [ac-ft]
-650.0	Physical Change in Storage [ac-ft]
747.2	Storage Allocated to Mackay Reservoir [ac-ft]
-1154.0	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-152.6	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
-148.5	blw Munsey to Arco Gage [cfs]
-280.7	Past Arco Gage [cfs]
-228.7	Storage Delivered [ac-ft]
9.8	Above Reservoir [cfs]
0.0	Reservoir to 2B [cfs]
12.4	2B to Leslie [cfs]
81.1	Leslie to Moore [cfs]
12.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-14.7	Evaporation [ac-ft]
-650.2	Accounting Change in Storage [ac-ft]
-0.2	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

584.7	Gain in/above Mackay Reservoir [cfs]
22.2	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
47.1	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
654.0	Total Available Natural Flow [cfs]
376.7	Reservoir Rights Diverted [cfs]
41.5	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
19.7	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
7.5	blw Munsey to Arco Gage [cfs]
14.3	Natural Flow Past Arco Gage [cfs]
235.7	Natural Flow Delivered [cfs]
-9.8	Above Reservoir Storage Use [cfs]
8.0	Reservoir to 2B [cfs]
144.8	2B to Leslie [cfs]
67.4	Leslie to Moore [cfs]
25.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
653.9	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.9	595
Eastside Felton Wier +	39.8	1990
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	51.7	2585
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	0.0	0
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	89.0	4450
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	35.5	1775
Total Out	124.5	6225

Abbreviated Reach Delivery Factor 2.41
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 486.5%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 35.5 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 7.3 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 59.9%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 12.2 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 75.8 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 286.2%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 291.3%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 28, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.8	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.1	0.0	0.0	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	8.0	0.0	9.4
9	BITTON	6.1	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	9.2	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	20.2	0.0	140.2
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	44.5	0.0	468.0
9	NEILSEN	46.5	4.0	135.4	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	75.5	12.4	701.7
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	17.0	0.0	0.0
9	CHILLY	46.4	0.0	0.0	8	Broken River Pum	4.0	0.0	3.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	2.0	0.0	90.6
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	4.0	4.0	15.9
8	Donahue 1	0.9	0.8	44.4	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	19.8
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	8.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	64.7	0.3	1497.3
8	Mtn. Springs 1	5.0	5.0	65.5	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	75.8	74.8	2250.1
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	28.5	15.2	201.3
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	8.8	2.5	159.5
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	83.3	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 28, 2019	4.00	4.00	4.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 28, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 28, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 28, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 28, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 28, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 28, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 28, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	May 28, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 28, 2019	1.20	1.20	1.20	100.0%
18830810	263	393	MOORE	13132050	4	May 28, 2019	0.18	0.23	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 28, 2019	0.07	0.07	0.07	100.0%
18840422	585	951	SWAUGER	13127600	5	May 28, 2019	0.18	0.18	0.18	100.0%
18840422	360	133	BURNETT	13127750	5	May 28, 2019	1.46	1.46	1.46	100.0%
18840422	103	1289	SHARP	13126500	6	May 28, 2019	0.64	0.64	0.64	100.0%
18840422	347	938	SHARP	13126500	6	May 28, 2019	4.00	4.00	4.00	100.0%
18840422	632	2077	SHARP	13126500	6	May 28, 2019	0.12	0.12	0.12	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 28, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 28, 2019	0.22	0.22	0.22	100.0%
18840520	113	585	MOORE	13132050	4	May 28, 2019	0.11	0.14	0.11	100.0%
18840520	263	394	MOORE	13132050	4	May 28, 2019	0.22	0.28	0.22	100.0%
18840601	263	395	MOORE	13132050	4	May 28, 2019	0.08	0.10	0.08	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 28, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	May 28, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 28, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 28, 2019	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	May 28, 2019	1.20	1.55	1.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 28, 2019	1.74	1.74	1.74	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 28, 2019	0.81	0.81	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 28, 2019	2.77	2.77	2.77	100.0%
18841012	524	11	SWAUGER	13127600	5	May 28, 2019	1.40	1.40	1.40	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 28, 2019	1.20	1.20	1.20	100.0%
18841012	317	385	SWAUGER	13127600	5	May 28, 2019	0.74	0.74	0.74	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 28, 2019	1.65	1.65	1.65	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 28, 2019	2.80	2.80	2.80	100.0%
18850530	484	1672	BURNETT	13127750	5	May 28, 2019	1.20	1.20	1.20	100.0%
18850531	63	1354	MOORE	13132050	4	May 28, 2019	1.56	2.01	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	May 28, 2019	0.04	0.06	0.04	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 28, 2019	2.35	2.35	2.35	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 28, 2019	0.28	0.28	0.28	100.0%
18851002	437	62	ARCO	13132365	2	May 28, 2019	1.54	1.99	1.19	77.4%
18851002	318	817	MUNSEY	13132375	2	May 28, 2019	0.80	1.03	0.62	77.4%
18851002	318	545	MUNSEY	13132375	2	May 28, 2019	0.75	0.97	0.58	77.4%
18860407	1	1334	6X Ranch 1	13122805	8	May 28, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 28, 2019	2.80	3.62	2.80	100.0%
18860501	417	644	MOORE	13132050	4	May 28, 2019	1.20	1.55	1.20	100.0%
18860512	263	398	MOORE	13132050	4	May 28, 2019	0.18	0.23	0.18	100.0%
18860601	90	1377	MOORE	13132050	4	May 28, 2019	2.40	3.10	2.40	100.0%
18860601	357	1288	BURNETT	13127750	5	May 28, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 28, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 28, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 28, 2019	1.00	1.29	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	May 28, 2019	0.60	0.60	0.60	100.0%
18860721	260	1668	BURNETT	13127750	5	May 28, 2019	0.80	0.80	0.80	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 28, 2019	3.20	3.20	3.20	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 28, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 28, 2019	3.30	3.30	3.30	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 28, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 28, 2019	0.80	0.80	0.80	100.0%

18870601	317	941	No Tellum 3	13123090	8	May 28, 2019	0.80	0.80	0.80	100.0%
18880401	279	2120	Anderson	13120745	9	May 28, 2019	0.97	0.97	0.97	100.0%
18880401	2329	1733	NEILSEN	13120805	9	May 28, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	May 28, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	May 28, 2019	0.33	0.43	0.26	77.4%
18880601	56	1994	MACKAY DAM	13126000	7	May 28, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	May 28, 2019	1.60	1.60	1.60	100.0%
18880801	279	2125	Anderson	13120745	9	May 28, 2019	1.45	1.45	1.45	100.0%
18880801	2329	1738	NEILSEN	13120805	9	May 28, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	May 28, 2019	0.30	0.30	0.30	100.0%
18881101	59	2222	KENT	13120605	9	May 28, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	May 28, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	May 28, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	May 28, 2019	0.77	0.77	0.77	100.0%
18890601	589	716	BURNETT	13127750	5	May 28, 2019	0.30	0.30	0.30	100.0%
18890601	475	969	BURNETT	13127750	5	May 28, 2019	1.20	1.20	1.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	May 28, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 28, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 28, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 28, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 28, 2019	1.76	1.76	1.76	100.0%
18910801	307	77	CHILLY	13121105	9	May 28, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 28, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 28, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 28, 2019	0.22	0.28	0.22	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 28, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	May 28, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	KENT	13120605	9	May 28, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	KENT	13120605	9	May 28, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	May 28, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	May 28, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	May 28, 2019	0.60	0.60	0.60	100.0%
18940310	357	15	BURNETT	13127750	5	May 28, 2019	0.40	0.40	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	May 28, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 28, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	May 28, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 28, 2019	2.98	2.98	2.98	100.0%
18940601	417	379	MOORE	13132050	4	May 28, 2019	0.15	0.19	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 28, 2019	0.01	0.01	0.01	100.0%
18940601	632	1724	SHARP	13126500	6	May 28, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	May 28, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	May 28, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 28, 2019	0.10	0.13	0.10	100.0%
18950601	445	411	NEILSEN	13120805	9	May 28, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 28, 2019	0.18	0.18	0.18	100.0%
18950630	265	2218	BURNETT	13127750	5	May 28, 2019	1.60	1.60	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 28, 2019	1.50	1.50	1.50	100.0%
18960601	263	397	MOORE	13132050	4	May 28, 2019	0.35	0.45	0.35	100.0%
18960601	263	399	MOORE	13132050	4	May 28, 2019	0.27	0.35	0.27	100.0%
18960601	417	381	MOORE	13132050	4	May 28, 2019	0.99	1.28	0.99	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 28, 2019	6.40	6.40	6.40	100.0%
18960901	437	671	ARCO	13132365	2	May 28, 2019	0.13	0.17	0.10	77.4%
18970510	437	664	ARCO	13132365	2	May 28, 2019	1.74	2.25	1.35	77.4%
18970515	130	1286	NEILSEN	13120805	9	May 28, 2019	2.00	2.00	2.00	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 28, 2019	1.20	1.20	1.20	100.0%
18980601	437	1310	ARCO	13132365	2	May 28, 2019	1.60	2.07	1.24	77.4%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 28, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 28, 2019	0.50	0.50	0.50	100.0%
18990327	113	584	MOORE	13132050	4	May 28, 2019	0.03	0.04	0.03	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 28, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 28, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	May 28, 2019	1.03	1.03	1.03	100.0%
18991001	682	2180	NEILSEN	13120805	9	May 28, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	May 28, 2019	0.46	0.46	0.46	100.0%

19000924	318	543	MUNSEY	13132375	2	May 28, 2019	1.04	1.34	0.80	77.4%
19001101	310	833	CHILLY	13121105	9	May 28, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 28, 2019	3.20	3.20	3.20	100.0%
19011001	263	396	MOORE	13132050	4	May 28, 2019	0.12	0.16	0.12	100.0%
19020103	279	2241	BRADSHAW	13120705	9	May 28, 2019	2.60	2.60	2.60	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 28, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 28, 2019	0.90	0.90	0.90	100.0%
19020301	609	1492	CHILLY	13121105	9	May 28, 2019	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	May 28, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	May 28, 2019	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	May 28, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	May 28, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	May 28, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 28, 2019	0.80	0.80	0.80	100.0%
19020501	310	631	CHILLY	13121105	9	May 28, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	May 28, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 28, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	May 28, 2019	2.43	2.43	2.43	100.0%
19020601	2329	1739	NEILSEN	13120805	9	May 28, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	May 28, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	May 28, 2019	0.30	0.30	0.30	100.0%
19020701	279	2240	BRADSHAW	13120705	9	May 28, 2019	0.40	0.40	0.40	100.0%
19030224	364	953	CHILLY	13121105	9	May 28, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 28, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 28, 2019	1.60	1.60	1.60	100.0%
19040601	279	2127	Anderson	13120745	9	May 28, 2019	0.76	0.76	0.76	100.0%
19040601	2329	1740	NEILSEN	13120805	9	May 28, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	May 28, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 28, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 28, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 28, 2019	0.13	0.13	0.13	100.0%
19050501	59	2145	KENT	13120605	9	May 28, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	KENT	13120605	9	May 28, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	KENT	13120605	9	May 28, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	BITTON	13120735	9	May 28, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	BITTON	13120735	9	May 28, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	BITTON	13120735	9	May 28, 2019	0.02	0.02	0.02	100.0%
19050501	279	2124	Anderson	13120745	9	May 28, 2019	0.61	0.61	0.61	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 28, 2019	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	May 28, 2019	1.30	1.30	1.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	May 28, 2019	0.10	0.10	0.10	100.0%
19050501	232	2155	NEILSEN	13120805	9	May 28, 2019	0.12	0.12	0.12	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 28, 2019	0.65	0.65	0.65	100.0%
19050501	2329	1737	NEILSEN	13120805	9	May 28, 2019	0.27	0.27	0.27	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 28, 2019	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	May 28, 2019	0.30	0.30	0.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 28, 2019	3.00	3.00	3.00	100.0%
19050501	129	2187	CHILLY	13121105	9	May 28, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	May 28, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	May 28, 2019	0.20	0.20	0.20	100.0%
19050905	629	1499	HOWELL	13120490	10	May 28, 2019	2.58	2.58	2.58	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	May 28, 2019	0.42	0.42	0.42	99.5%
19070711	59	2146	KENT	13120605	9	May 28, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	May 28, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	KENT	13120605	9	May 28, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	BITTON	13120735	9	May 28, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	BITTON	13120735	9	May 28, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	BITTON	13120735	9	May 28, 2019	0.53	0.53	0.53	100.0%
19080709	475	1098	BURNETT	13127750	5	May 28, 2019	0.16	0.16	0.16	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 28, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 28, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 28, 2019	2.40	2.40	2.40	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 28, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 28, 2019	0.78	0.78	0.78	100.0%

19120327	101	720	Shoupe Ditch	13124195	8	May 28, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 28, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 28, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	May 28, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	May 28, 2019	1.50	1.50	1.50	100.0%
19121014	403	813	NEILSEN	13120805	9	May 28, 2019	1.50	1.50	1.50	100.0%
19131224	373	25	CHILLY	13121105	9	May 28, 2019	1.60	1.60	1.60	100.0%
19140103	59	1361	KENT	13120605	9	May 28, 2019	0.04	0.04	0.04	100.0%
19140103	2610	2092	KENT	13120605	9	May 28, 2019	0.73	0.73	0.73	100.0%
19140103	59	2233	KENT	13120605	9	May 28, 2019	0.53	0.53	0.53	100.0%
19140103	59	1361	BITTON	13120735	9	May 28, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	May 28, 2019	0.53	0.53	0.53	100.0%
19140103	2610	2092	BITTON	13120735	9	May 28, 2019	0.73	0.73	0.73	100.0%
19140601	154	2163	NEILSEN	13120805	9	May 28, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	May 28, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	May 28, 2019	0.18	0.18	0.18	100.0%
19150504	373	434	CHILLY	13121105	9	May 28, 2019	0.22	0.22	0.22	100.0%
19160212	279	2123	Anderson	13120745	9	May 28, 2019	0.22	0.22	0.22	100.0%
19160212	682	1054	NEILSEN	13120805	9	May 28, 2019	0.03	0.03	0.03	100.0%
19160212	2329	1736	NEILSEN	13120805	9	May 28, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 28, 2019	1.50	1.50	1.50	100.0%
19160501	129	2128	CHILLY	13121105	9	May 28, 2019	1.71	1.71	1.71	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 28, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	May 28, 2019	1.76	1.76	1.76	100.0%
19160601	2329	1734	NEILSEN	13120805	9	May 28, 2019	0.17	0.17	0.17	100.0%
19170620	307	71	NEILSEN	13120805	9	May 28, 2019	3.16	3.16	3.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 28, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 28, 2019	0.27	0.27	0.27	100.0%
19440508	437	737	ARCO	13132365	2	May 28, 2019	0.18	0.23	0.14	77.4%
19600501	90	175	MOORE	13132050	4	May 28, 2019	0.44	0.57	0.44	100.0%
19950203	476	1272	MOORE	13132050	4	May 28, 2019	51.80	66.94	51.80	100.0%
19950411	476	1273	ARCO	13132365	2	May 28, 2019	11.68	15.09	9.04	77.4%
19950411	476	1273	MUNSEY	13132375	2	May 28, 2019	5.50	7.11	4.26	77.4%
19950411	476	1273	BECK	13130525	4	May 28, 2019	2.00	2.58	2.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	May 28, 2019	13.02	13.02	13.02	100.0%
19950411	476	1273	DARLINGTON	13127735	5	May 28, 2019	41.58	41.58	39.90	96.0%
19950411	476	1273	BURNETT	13127750	5	May 28, 2019	51.16	51.16	51.16	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	May 28, 2019	17.00	17.00	17.00	100.0%
19950411	476	1273	SHARP	13126500	6	May 28, 2019	5.40	5.40	3.16	58.5%
19950411	476	1273	NEILSEN	13120805	9	May 28, 2019	2.85	2.85	2.85	100.0%
19950411	476	1273	CHILLY	13121105	9	May 28, 2019	5.00	5.00	5.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 28, 2019	9969.40	9969.40	361.39	3.6%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 29, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 29	655.0	4.8	0.0	659.8	0.00	659.8	4.8	0.0	0.0	655.0	0.0	0.0
9	Howell to Chilly	May 29	502.0	119.3	0.0	-33.7	0.05	626.1	115.3	4.0	0.0	506.0	-4.0	0.0
8	Chilly to Reservoir	* May 29	587.4	63.5	0.0	148.9	0.00	775.0	57.7	5.8	0.0	597.1	-9.8	0.0
	Connected													
7	Mackay Reservoir	* May 29	892.3	0.0	0.0	0.0	0.00	804.6	360.6		0.0	236.5	655.8	0.0
6	Reservoir to 2B	May 29	882.0	10.3	0.0	0.0	0.00	775.0	10.1	0.2	0.0	226.4	655.6	0.0
5	2B to Leslie	May 29	751.0	160.6	0.0	29.6	0.00	804.6	151.6	9.0	0.0	104.4	646.6	0.0
4	Leslie to Moore	May 29	433.2	161.5	0.0	-156.3	0.21	804.6	82.7	78.8	0.0	0.0	433.2	0.0
2	Moore to blw Munsey	May 29	447.0	37.3	0.0	51.1	0.00	855.7	37.3	0.0	0.0	13.8	433.2	0.0
1	Blw Munsey to Arco	May 29	314.0	0.0	0.0	-133.0	0.30	855.7	0.0	0.0	0.0	9.7	304.3	0.0
								TOTAL	820.2	97.8	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 29	0.0	0.0		20180101	3%
9	Howell to Chilly	May 29	0.0	0.0		20180101	3%
8	Chilly to Reservoir	May 29	0.0	0.0		20180101	3%
	Connected						
7	Mackay Reservoir	May 29	0.0	0.0		20180101	3%
6	Reservoir to 2B	May 29	0.0	0.0		20180101	3%
5	2B to Leslie	May 29	0.0	0.0		20180101	3%
4	Leslie to Moore	May 29	21.7	134.6		20180101	3%
2	Moore to blw Munsey	May 29	0.0	0.0		20180101	3%
1	Blw Munsey to Arco	May 29	4.1	128.9		20180101	3%
	TOTAL		25.8	263.5	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	184.1
2	18810630	1.7	294.0	97.8
3	18880601	3.2	556.5	184.1
4	18960601	6.4	1113.0	368.1
5	19020301	0.8	140.0	46.0
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	16122.5
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	60853.6

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
30420.0	29800.0	-620.0	-312.6	7.7

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	17002.6
Total Storage Loss	-10319.9
Total Storage Deliver	-5402.9
Total Evaporation	-350.6
Accounting Balance	29799.2
Current Res Content	29800.0
Storage Balance Error	-0.8

DAILY STORAGE BALANCE

30420.0	Reservoir Content Previous Day [ac-ft]
29800.0	Reservoir Content Current Day [ac-ft]
-620.0	Physical Change in Storage [ac-ft]
715.3	Storage Allocated to Mackay Reservoir [ac-ft]
-1126.2	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-134.6	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
-128.9	blw Munsey to Arco Gage [cfs]
-304.3	Past Arco Gage [cfs]
-194.0	Storage Delivered [ac-ft]
9.8	Above Reservoir [cfs]
0.2	Reservoir to 2B [cfs]
9.0	2B to Leslie [cfs]
78.8	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-15.2	Evaporation [ac-ft]
-620.1	Accounting Change in Storage [ac-ft]
-0.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

587.4	Gain in/above Mackay Reservoir [cfs]
29.6	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
51.1	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
668.1	Total Available Natural Flow [cfs]
360.6	Reservoir Rights Diverted [cfs]
35.5	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
21.7	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
4.1	blw Munsey to Arco Gage [cfs]
9.7	Natural Flow Past Arco Gage [cfs]
271.9	Natural Flow Delivered [cfs]
-9.8	Above Reservoir Storage Use [cfs]
10.1	Reservoir to 2B [cfs]
151.6	2B to Leslie [cfs]
82.7	Leslie to Moore [cfs]
37.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
668.0	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.8	590
Eastside Felton Wier +	40.1	2005
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	51.9	2595
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	0.0	0
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	86.2	4312
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	36.0	1800
Total Out	122.2	6112

Abbreviated Reach Delivery Factor 2.36
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 466.4%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 36.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 7.7 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 63.3%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 12.2 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 75.8 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 276.8%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 295.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 29, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.8	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.1	0.0	0.0	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	10.3	0.2	9.8
9	BITTON	6.1	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	9.2	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	20.2	0.0	140.2
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	47.4	1.0	470.0
9	NEILSEN	46.5	4.0	143.3	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	76.0	8.0	717.6
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	17.0	0.0	0.0
9	CHILLY	46.4	0.0	0.0	8	Broken River Pum	4.0	0.0	3.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	0.0	0.0	90.6
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	4.0	4.0	23.8
8	Donahue 1	0.9	0.8	46.0	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	23.8
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	8.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	79.7	2.6	1502.6
8	Mtn. Springs 1	5.0	5.0	75.4	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	75.8	72.0	2393.0
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	28.5	5.9	213.1
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	8.8	1.8	163.2
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	93.2	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 29, 2019	4.00	4.00	4.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 29, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 29, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 29, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 29, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 29, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 29, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 29, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	May 29, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 29, 2019	1.20	1.20	1.20	100.0%
18830601	2331	465	MOORE	13132050	4	May 29, 2019	0.79	1.00	0.79	100.0%
18830601	566	1778	MOORE	13132050	4	May 29, 2019	0.27	0.34	0.27	100.0%
18830810	96	449	MOORE	13132050	4	May 29, 2019	0.48	0.61	0.48	100.0%
18830810	263	393	MOORE	13132050	4	May 29, 2019	0.18	0.23	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 29, 2019	0.07	0.07	0.07	100.0%
18840422	585	951	SWAUGER	13127600	5	May 29, 2019	0.18	0.18	0.18	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 29, 2019	0.25	0.25	0.25	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 29, 2019	1.63	1.63	1.63	100.0%
18840422	490	1822	BURNETT	13127750	5	May 29, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	May 29, 2019	0.21	0.21	0.21	100.0%
18840422	360	133	BURNETT	13127750	5	May 29, 2019	1.46	1.46	1.46	100.0%
18840422	525	1465	BURNETT	13127750	5	May 29, 2019	1.92	1.92	1.92	100.0%
18840422	103	1289	SHARP	13126500	6	May 29, 2019	0.64	0.64	0.64	100.0%
18840422	347	938	SHARP	13126500	6	May 29, 2019	4.00	4.00	4.00	100.0%
18840422	632	2077	SHARP	13126500	6	May 29, 2019	0.12	0.12	0.12	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 29, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 29, 2019	1.80	1.80	1.80	100.0%
18840520	96	451	MOORE	13132050	4	May 29, 2019	0.58	0.73	0.58	100.0%
18840520	427	1	MOORE	13132050	4	May 29, 2019	1.12	1.41	1.12	100.0%
18840520	263	394	MOORE	13132050	4	May 29, 2019	0.22	0.28	0.22	100.0%
18840520	113	585	MOORE	13132050	4	May 29, 2019	0.11	0.14	0.11	100.0%
18840520	566	1782	MOORE	13132050	4	May 29, 2019	0.78	0.99	0.78	100.0%
18840520	2331	471	MOORE	13132050	4	May 29, 2019	0.11	0.14	0.11	100.0%
18840520	2331	463	MOORE	13132050	4	May 29, 2019	2.24	2.83	2.24	100.0%
18840601	96	453	MOORE	13132050	4	May 29, 2019	0.21	0.27	0.21	100.0%
18840601	263	395	MOORE	13132050	4	May 29, 2019	0.08	0.10	0.08	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 29, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	May 29, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 29, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 29, 2019	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	May 29, 2019	1.20	1.52	1.20	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	May 29, 2019	1.31	1.65	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	May 29, 2019	3.20	4.04	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 29, 2019	1.74	1.74	1.74	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 29, 2019	0.81	0.81	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 29, 2019	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	May 29, 2019	0.74	0.74	0.74	100.0%
18841012	524	11	SWAUGER	13127600	5	May 29, 2019	1.40	1.40	1.40	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 29, 2019	1.20	1.20	1.20	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 29, 2019	1.65	1.65	1.65	100.0%
18850501	426	887	ARCO	13132365	2	May 29, 2019	0.64	0.81	0.51	79.2%
18850501	130	1285	NEILSEN	13120805	9	May 29, 2019	2.80	2.80	2.80	100.0%
18850530	484	1672	BURNETT	13127750	5	May 29, 2019	1.37	1.37	1.37	100.0%
18850530	484	1718	BURNETT	13127750	5	May 29, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	May 29, 2019	0.11	0.11	0.11	100.0%
18850530	484	1833	BURNETT	13127750	5	May 29, 2019	0.19	0.19	0.19	100.0%
18850531	413	1353	MOORE	13132050	4	May 29, 2019	0.04	0.06	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	May 29, 2019	1.56	1.96	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	May 29, 2019	2.76	3.49	2.76	100.0%

18850531	411	827	DARLINGTON	13127735	5	May 29, 2019	3.20	3.20	3.20	100.0%
18850601	525	1464	BURNETT	13127750	5	May 29, 2019	1.54	1.54	1.54	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 29, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 29, 2019	0.54	0.54	0.54	100.0%
18851002	437	62	ARCO	13132365	2	May 29, 2019	1.54	1.94	1.22	79.2%
18851002	318	817	MUNSEY	13132375	2	May 29, 2019	0.80	1.01	0.63	79.2%
18851002	318	545	MUNSEY	13132375	2	May 29, 2019	0.75	0.95	0.59	79.2%
18860407	1	1334	6X Ranch 1	13122805	8	May 29, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 29, 2019	2.80	3.54	2.80	100.0%
18860501	417	644	MOORE	13132050	4	May 29, 2019	1.20	1.52	1.20	100.0%
18860512	263	398	MOORE	13132050	4	May 29, 2019	0.18	0.23	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 29, 2019	0.48	0.61	0.48	100.0%
18860601	90	1377	MOORE	13132050	4	May 29, 2019	2.40	3.03	2.40	100.0%
18860601	357	1288	BURNETT	13127750	5	May 29, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 29, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 29, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 29, 2019	1.00	1.26	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	May 29, 2019	0.60	0.60	0.60	100.0%
18860721	484	1673	BURNETT	13127750	5	May 29, 2019	0.52	0.52	0.52	100.0%
18860721	260	1668	BURNETT	13127750	5	May 29, 2019	0.80	0.80	0.80	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 29, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	May 29, 2019	0.98	0.98	0.98	100.0%
18860914	490	1753	BURNETT	13127750	5	May 29, 2019	0.34	0.34	0.34	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 29, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 29, 2019	3.30	3.30	3.30	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 29, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 29, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	May 29, 2019	0.80	0.80	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 29, 2019	0.60	0.60	0.60	100.0%
18880401	279	2120	Anderson	13120745	9	May 29, 2019	0.97	0.97	0.97	100.0%
18880401	2329	1733	NEILSEN	13120805	9	May 29, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	May 29, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	May 29, 2019	0.33	0.42	0.26	79.2%
18880601	56	1994	MACKAY DAM	13126000	7	May 29, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	May 29, 2019	1.60	1.60	1.60	100.0%
18880801	279	2125	Anderson	13120745	9	May 29, 2019	1.45	1.45	1.45	100.0%
18880801	232	2156	NEILSEN	13120805	9	May 29, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	May 29, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	KENT	13120605	9	May 29, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	May 29, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	May 29, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	May 29, 2019	0.77	0.77	0.77	100.0%
18890601	441	205	MOORE	13132050	4	May 29, 2019	0.97	1.22	0.97	100.0%
18890601	475	969	BURNETT	13127750	5	May 29, 2019	1.20	1.20	1.20	100.0%
18900601	426	756	ARCO	13132365	2	May 29, 2019	0.57	0.72	0.45	79.2%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 29, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	May 29, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 29, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 29, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 29, 2019	0.24	0.24	0.24	100.0%
18910801	307	77	CHILLY	13121105	9	May 29, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 29, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 29, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 29, 2019	0.22	0.28	0.22	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 29, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	May 29, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	KENT	13120605	9	May 29, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	KENT	13120605	9	May 29, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	BITTON	13120735	9	May 29, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	BITTON	13120735	9	May 29, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	BITTON	13120735	9	May 29, 2019	0.58	0.58	0.58	100.0%
18940310	265	2217	BURNETT	13127750	5	May 29, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 29, 2019	0.44	0.44	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	May 29, 2019	0.40	0.40	0.40	100.0%

18940310	609	1496	CHILLY	13121105	9	May 29, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 29, 2019	2.98	2.98	2.98	100.0%
18940601	417	379	MOORE	13132050	4	May 29, 2019	0.15	0.19	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 29, 2019	0.01	0.01	0.01	100.0%
18940601	632	1724	SHARP	13126500	6	May 29, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	May 29, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	May 29, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 29, 2019	0.10	0.13	0.10	100.0%
18950601	445	411	NEILSEN	13120805	9	May 29, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 29, 2019	0.18	0.18	0.18	100.0%
18950630	265	2218	BURNETT	13127750	5	May 29, 2019	1.60	1.60	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 29, 2019	1.50	1.50	1.50	100.0%
18960601	417	381	MOORE	13132050	4	May 29, 2019	2.40	3.03	2.40	100.0%
18960601	263	399	MOORE	13132050	4	May 29, 2019	0.27	0.34	0.27	100.0%
18960601	96	457	MOORE	13132050	4	May 29, 2019	0.75	0.95	0.75	100.0%
18960601	263	397	MOORE	13132050	4	May 29, 2019	0.35	0.44	0.35	100.0%
18960601	441	207	MOORE	13132050	4	May 29, 2019	0.99	1.25	0.99	100.0%
18960601	442	2196	MOORE	13132050	4	May 29, 2019	1.56	1.97	1.56	100.0%
18960601	417	992	MOORE	13132050	4	May 29, 2019	0.73	0.92	0.73	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	May 29, 2019	0.41	0.52	0.41	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 29, 2019	6.40	6.40	6.40	100.0%
18960901	437	671	ARCO	13132365	2	May 29, 2019	0.13	0.16	0.10	79.2%
18970510	437	664	ARCO	13132365	2	May 29, 2019	1.74	2.20	1.38	79.2%
18970510	411	673	DARLINGTON	13127735	5	May 29, 2019	0.15	0.15	0.15	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 29, 2019	2.00	2.00	2.00	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	May 29, 2019	0.13	0.16	0.13	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 29, 2019	1.20	1.20	1.20	100.0%
18980601	437	1310	ARCO	13132365	2	May 29, 2019	1.60	2.02	1.27	79.2%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 29, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 29, 2019	0.50	0.50	0.50	100.0%
18990327	113	584	MOORE	13132050	4	May 29, 2019	0.03	0.04	0.03	100.0%
18990327	566	1830	MOORE	13132050	4	May 29, 2019	0.21	0.26	0.21	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 29, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 29, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	May 29, 2019	1.03	1.03	1.03	100.0%
18991001	2329	1735	NEILSEN	13120805	9	May 29, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	May 29, 2019	0.21	0.21	0.21	100.0%
19000924	318	543	MUNSEY	13132375	2	May 29, 2019	1.04	1.31	0.82	79.2%
19001101	310	833	CHILLY	13121105	9	May 29, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 29, 2019	3.20	3.20	3.20	100.0%
19011001	263	396	MOORE	13132050	4	May 29, 2019	0.06	0.08	0.06	100.0%
19011102	426	1159	ARCO	13132365	2	May 29, 2019	1.31	1.65	1.04	79.2%
19020103	279	2241	BRADSHAW	13120705	9	May 29, 2019	2.60	2.60	2.60	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 29, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 29, 2019	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	May 29, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	May 29, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	May 29, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	May 29, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 29, 2019	3.40	3.40	3.40	100.0%
19020304	129	2186	CHILLY	13121105	9	May 29, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 29, 2019	0.80	0.80	0.80	100.0%
19020501	310	631	CHILLY	13121105	9	May 29, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	May 29, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 29, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	May 29, 2019	2.43	2.43	2.43	100.0%
19020601	232	2220	NEILSEN	13120805	9	May 29, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	May 29, 2019	0.30	0.30	0.30	100.0%
19020601	2329	1739	NEILSEN	13120805	9	May 29, 2019	1.08	1.08	1.08	100.0%
19020701	279	2240	BRADSHAW	13120705	9	May 29, 2019	0.40	0.40	0.40	100.0%
19030224	364	953	CHILLY	13121105	9	May 29, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 29, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 29, 2019	1.60	1.60	1.60	100.0%
19040601	279	2127	Anderson	13120745	9	May 29, 2019	0.76	0.76	0.76	100.0%

19040601	232	2221	NEILSEN	13120805	9	May 29, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	May 29, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 29, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 29, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 29, 2019	0.13	0.13	0.13	100.0%
19050501	59	2145	KENT	13120605	9	May 29, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	KENT	13120605	9	May 29, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	KENT	13120605	9	May 29, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	BITTON	13120735	9	May 29, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	May 29, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	BITTON	13120735	9	May 29, 2019	0.44	0.44	0.44	100.0%
19050501	279	2124	Anderson	13120745	9	May 29, 2019	0.61	0.61	0.61	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 29, 2019	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	May 29, 2019	1.30	1.30	1.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	May 29, 2019	0.10	0.10	0.10	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 29, 2019	3.00	3.00	3.00	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 29, 2019	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	May 29, 2019	0.30	0.30	0.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 29, 2019	0.82	0.82	0.82	100.0%
19050501	232	2155	NEILSEN	13120805	9	May 29, 2019	0.12	0.12	0.12	100.0%
19050501	2329	1737	NEILSEN	13120805	9	May 29, 2019	0.27	0.27	0.27	100.0%
19050501	373	432	CHILLY	13121105	9	May 29, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	May 29, 2019	0.20	0.20	0.20	100.0%
19050501	129	2187	CHILLY	13121105	9	May 29, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	May 29, 2019	2.58	2.58	2.58	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	May 29, 2019	0.42	0.42	0.42	99.5%
19070711	59	2146	KENT	13120605	9	May 29, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	May 29, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	KENT	13120605	9	May 29, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	BITTON	13120735	9	May 29, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	BITTON	13120735	9	May 29, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	BITTON	13120735	9	May 29, 2019	0.53	0.53	0.53	100.0%
19080709	475	1098	BURNETT	13127750	5	May 29, 2019	0.16	0.16	0.16	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 29, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 29, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 29, 2019	2.40	2.40	2.40	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 29, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 29, 2019	0.78	0.78	0.78	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	May 29, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 29, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 29, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	May 29, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	May 29, 2019	1.50	1.50	1.50	100.0%
19121014	403	813	NEILSEN	13120805	9	May 29, 2019	1.50	1.50	1.50	100.0%
19131224	373	25	CHILLY	13121105	9	May 29, 2019	1.60	1.60	1.60	100.0%
19140103	59	1361	KENT	13120605	9	May 29, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	KENT	13120605	9	May 29, 2019	0.53	0.53	0.53	100.0%
19140103	2610	2092	KENT	13120605	9	May 29, 2019	0.73	0.73	0.73	100.0%
19140103	59	1361	BITTON	13120735	9	May 29, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	May 29, 2019	0.53	0.53	0.53	100.0%
19140103	2610	2092	BITTON	13120735	9	May 29, 2019	0.73	0.73	0.73	100.0%
19140601	154	2163	NEILSEN	13120805	9	May 29, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	May 29, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	May 29, 2019	0.02	0.02	0.02	100.0%
19150504	373	434	CHILLY	13121105	9	May 29, 2019	0.22	0.22	0.22	100.0%
19160212	279	2123	Anderson	13120745	9	May 29, 2019	0.22	0.22	0.22	100.0%
19160212	2329	1736	NEILSEN	13120805	9	May 29, 2019	0.10	0.10	0.10	100.0%
19160212	682	1054	NEILSEN	13120805	9	May 29, 2019	0.03	0.03	0.03	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 29, 2019	1.50	1.50	1.50	100.0%
19160501	129	2128	CHILLY	13121105	9	May 29, 2019	1.71	1.71	1.71	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 29, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	May 29, 2019	1.76	1.76	1.76	100.0%
19160601	2329	1734	NEILSEN	13120805	9	May 29, 2019	0.17	0.17	0.17	100.0%
19170620	307	71	NEILSEN	13120805	9	May 29, 2019	3.16	3.16	3.16	100.0%

19171003	55	1509	NEILSEN	13120805	9	May 29, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 29, 2019	0.27	0.27	0.27	100.0%
19440508	437	737	ARCO	13132365	2	May 29, 2019	0.18	0.23	0.14	79.2%
19600501	90	175	MOORE	13132050	4	May 29, 2019	0.44	0.56	0.44	100.0%
19810501	566	1684	MOORE	13132050	4	May 29, 2019	0.82	1.03	0.82	100.0%
19950203	476	1272	MOORE	13132050	4	May 29, 2019	46.78	59.07	46.78	100.0%
19950411	476	1273	ARCO	13132365	2	May 29, 2019	20.46	25.84	16.20	79.2%
19950411	476	1273	MUNSEY	13132375	2	May 29, 2019	6.20	7.83	4.91	79.2%
19950411	476	1273	SWAUGER	13127600	5	May 29, 2019	13.02	13.02	13.02	100.0%
19950411	476	1273	DARLINGTON	13127735	5	May 29, 2019	38.92	38.92	38.92	100.0%
19950411	476	1273	BURNETT	13127750	5	May 29, 2019	48.42	48.42	48.42	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	May 29, 2019	17.00	17.00	17.00	100.0%
19950411	476	1273	SHARP	13126500	6	May 29, 2019	5.26	5.26	5.26	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 29, 2019	2.85	2.85	2.85	100.0%
19950411	476	1273	CHILLY	13121105	9	May 29, 2019	5.00	5.00	5.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 29, 2019	9969.40	9969.40	345.34	3.5%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 30, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 30	751.0	4.8	0.0	755.8	0.00	755.8	4.8	0.0	0.0	751.0	0.0	0.0
9	Howell to Chilly	May 30	582.0	119.3	0.0	-49.7	0.07	706.1	115.3	4.0	0.0	586.0	-4.0	0.0
8	Chilly to Reservoir	* May 30	621.2	63.5	0.0	102.8	0.00	808.9	57.7	5.8	0.0	631.0	-9.8	0.0
	Connected													
7	Mackay Reservoir	* May 30	880.2	0.0	0.0	0.0	0.00	836.3	342.3		0.0	288.7	591.5	0.0
6	Reservoir to 2B	May 30	870.0	10.2	0.0	0.0	0.00	808.9	9.6	0.6	0.0	279.1	590.9	0.0
5	2B to Leslie	May 30	740.0	157.4	0.0	27.4	0.00	836.3	151.6	5.8	0.0	154.9	585.1	0.0
4	Leslie to Moore	May 30	393.4	170.5	0.0	-176.1	0.24	836.3	91.7	78.8	0.0	26.4	367.0	0.0
2	Moore to blw Munsey	May 30	367.0	52.5	0.0	26.1	0.00	862.4	52.5	0.0	0.0	0.0	367.0	0.0
1	Blw Munsey to Arco	May 30	275.0	0.0	0.0	-92.0	0.25	862.4	0.0	0.0	0.0	0.0	275.0	0.0
								TOTAL	825.5	95.0	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 30	0.0	0.0		20180101	3%
9	Howell to Chilly	May 30	0.0	0.0		20180101	3%
8	Chilly to Reservoir	May 30	0.0	0.0		20180101	3%
	Connected						
7	Mackay Reservoir	May 30	0.0	0.0		20180101	3%
6	Reservoir to 2B	May 30	0.0	0.0		20180101	3%
5	2B to Leslie	May 30	0.0	0.0		20180101	3%
4	Leslie to Moore	May 30	36.9	139.2		20180101	3%
2	Moore to blw Munsey	May 30	0.0	0.0		20180101	3%
1	Blw Munsey to Arco	May 30	0.0	92.0		20180101	3%
		TOTAL	36.9	231.2	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	190.4
2	18810630	1.7	294.0	101.2
3	18880601	3.2	556.5	190.4
4	18960601	6.4	1113.0	380.8
5	19020301	0.8	140.0	47.6
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	16771.1
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	61532.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
29800.0	29270.0	-530.0	-267.2	8.3

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	17681.5
Total Storage Loss	-11323.9
Total Storage Deliver	-5591.3
Total Evaporation	-367.0
Accounting Balance	29269.3
Current Res Content	29270.0
Storage Balance Error	-0.7

DAILY STORAGE BALANCE

29800.0	Reservoir Content Previous Day [ac-ft]
29270.0	Reservoir Content Current Day [ac-ft]
-530.0	Physical Change in Storage [ac-ft]
678.9	Storage Allocated to Mackay Reservoir [ac-ft]
-1004.0	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-139.2	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
-92.0	blw Munsey to Arco Gage [cfs]
-275.0	Past Arco Gage [cfs]
-188.5	Storage Delivered [ac-ft]
9.8	Above Reservoir [cfs]
0.6	Reservoir to 2B [cfs]
5.8	2B to Leslie [cfs]
78.8	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-16.4	Evaporation [ac-ft]
-530.0	Accounting Change in Storage [ac-ft]
0.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

621.2	Gain in/above Mackay Reservoir [cfs]
27.4	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
26.1	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
674.7	Total Available Natural Flow [cfs]
342.3	Reservoir Rights Diverted [cfs]
36.9	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
36.9	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
295.6	Natural Flow Delivered [cfs]
-9.8	Above Reservoir Storage Use [cfs]
9.6	Reservoir to 2B [cfs]
151.6	2B to Leslie [cfs]
91.7	Leslie to Moore [cfs]
52.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
674.8	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.8	590
Eastside Felton Wier +	38.2	1910
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	50.0	2500
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	0.0	0
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	86.2	4312
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	33.1	1655
Total Out	119.3	5967

Abbreviated Reach Delivery Factor 2.39
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 464.0%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 33.1 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 7.1 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 62.5%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 11.4 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 74.6 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 271.7%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 290.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 30, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.8	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.1	0.0	0.0	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	10.2	0.6	11.0
9	BITTON	6.1	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	9.2	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	18.0	0.0	140.2
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	47.6	0.6	471.2
9	NEILSEN	46.5	4.0	151.1	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	74.8	5.2	727.9
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	17.0	0.0	0.0
9	CHILLY	46.4	0.0	0.0	8	Broken River Pum	4.0	0.0	3.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	10.2	1.2	93.0
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	4.0	4.0	31.7
8	Donahue 1	0.9	0.8	47.6	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	27.8
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	8.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	79.7	2.6	1507.8
8	Mtn. Springs 1	5.0	5.0	85.3	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	74.6	70.8	2533.4
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	28.5	2.6	218.2
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	24.0	4.1	171.4
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	103.1	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 30, 2019	4.00	4.00	4.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 30, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 30, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 30, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 30, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 30, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 30, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 30, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	May 30, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 30, 2019	1.20	1.20	1.20	100.0%
18830601	2331	465	MOORE	13132050	4	May 30, 2019	0.79	1.04	0.79	100.0%
18830601	566	1778	MOORE	13132050	4	May 30, 2019	0.27	0.36	0.27	100.0%
18830810	263	393	MOORE	13132050	4	May 30, 2019	0.18	0.24	0.18	100.0%
18830810	96	449	MOORE	13132050	4	May 30, 2019	0.48	0.63	0.48	100.0%
18840422	236	30	BECK	13130525	4	May 30, 2019	1.64	2.15	1.64	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 30, 2019	0.07	0.07	0.07	100.0%
18840422	585	951	SWAUGER	13127600	5	May 30, 2019	0.18	0.18	0.18	100.0%
18840422	2328	2112	SWAUGER	13127600	5	May 30, 2019	1.62	1.62	1.62	100.0%
18840422	2328	2169	SWAUGER	13127600	5	May 30, 2019	0.12	0.12	0.12	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 30, 2019	0.25	0.25	0.25	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 30, 2019	1.63	1.63	1.63	100.0%
18840422	490	1822	BURNETT	13127750	5	May 30, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	May 30, 2019	0.21	0.21	0.21	100.0%
18840422	336	1390	BURNETT	13127750	5	May 30, 2019	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	May 30, 2019	1.46	1.46	1.46	100.0%
18840422	525	1465	BURNETT	13127750	5	May 30, 2019	1.92	1.92	1.92	100.0%
18840422	632	2077	SHARP	13126500	6	May 30, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	May 30, 2019	4.00	4.00	4.00	100.0%
18840422	103	1289	SHARP	13126500	6	May 30, 2019	0.64	0.64	0.64	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 30, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 30, 2019	1.80	1.80	1.80	100.0%
18840520	96	451	MOORE	13132050	4	May 30, 2019	0.58	0.76	0.58	100.0%
18840520	2331	463	MOORE	13132050	4	May 30, 2019	2.24	2.94	2.24	100.0%
18840520	566	1782	MOORE	13132050	4	May 30, 2019	0.78	1.02	0.78	100.0%
18840520	427	1	MOORE	13132050	4	May 30, 2019	1.12	1.47	1.12	100.0%
18840520	113	585	MOORE	13132050	4	May 30, 2019	0.11	0.14	0.11	100.0%
18840520	263	394	MOORE	13132050	4	May 30, 2019	0.22	0.29	0.22	100.0%
18840520	2331	471	MOORE	13132050	4	May 30, 2019	0.11	0.14	0.11	100.0%
18840601	263	395	MOORE	13132050	4	May 30, 2019	0.08	0.10	0.08	100.0%
18840601	96	453	MOORE	13132050	4	May 30, 2019	0.21	0.28	0.21	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 30, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	May 30, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 30, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 30, 2019	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	May 30, 2019	1.20	1.57	1.20	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	May 30, 2019	1.31	1.72	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	May 30, 2019	3.20	4.20	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 30, 2019	1.74	1.74	1.74	100.0%
18841012	205	2067	BECK	13130525	4	May 30, 2019	1.76	2.31	1.76	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 30, 2019	1.20	1.20	1.20	100.0%
18841012	524	11	SWAUGER	13127600	5	May 30, 2019	1.30	1.30	1.30	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 30, 2019	0.72	0.72	0.72	100.0%
18841012	317	385	SWAUGER	13127600	5	May 30, 2019	0.74	0.74	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 30, 2019	2.77	2.77	2.77	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 30, 2019	1.65	1.65	1.65	100.0%
18850501	426	887	ARCO	13132365	2	May 30, 2019	0.64	0.84	0.49	76.2%
18850501	130	1285	NEILSEN	13120805	9	May 30, 2019	2.80	2.80	2.80	100.0%
18850530	484	1833	BURNETT	13127750	5	May 30, 2019	0.19	0.19	0.19	100.0%
18850530	484	1718	BURNETT	13127750	5	May 30, 2019	0.01	0.01	0.01	100.0%

18850530	484	1713	BURNETT	13127750	5	May 30, 2019	0.11	0.11	0.11	100.0%
18850530	484	1672	BURNETT	13127750	5	May 30, 2019	1.37	1.37	1.37	100.0%
18850531	413	1353	MOORE	13132050	4	May 30, 2019	0.04	0.06	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	May 30, 2019	1.56	2.04	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	May 30, 2019	2.76	3.62	2.76	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 30, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	May 30, 2019	0.24	0.31	0.24	100.0%
18850601	2328	2113	SWAUGER	13127600	5	May 30, 2019	1.26	1.26	1.26	100.0%
18850601	2328	2171	SWAUGER	13127600	5	May 30, 2019	0.09	0.09	0.09	100.0%
18850601	525	1464	BURNETT	13127750	5	May 30, 2019	1.54	1.54	1.54	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 30, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 30, 2019	0.54	0.54	0.54	100.0%
18851002	437	62	ARCO	13132365	2	May 30, 2019	1.54	2.02	1.17	76.2%
18851002	318	817	MUNSEY	13132375	2	May 30, 2019	0.80	1.05	0.61	76.2%
18851002	318	545	MUNSEY	13132375	2	May 30, 2019	0.75	0.98	0.57	76.2%
18860407	1	1334	6X Ranch 1	13122805	8	May 30, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	May 30, 2019	1.20	1.57	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 30, 2019	2.80	3.67	2.80	100.0%
18860512	263	398	MOORE	13132050	4	May 30, 2019	0.18	0.24	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 30, 2019	0.48	0.63	0.48	100.0%
18860601	90	1377	MOORE	13132050	4	May 30, 2019	2.40	3.15	2.40	100.0%
18860601	357	1288	BURNETT	13127750	5	May 30, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 30, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 30, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 30, 2019	1.00	1.31	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	May 30, 2019	0.60	0.60	0.60	100.0%
18860721	260	1668	BURNETT	13127750	5	May 30, 2019	0.80	0.80	0.80	100.0%
18860721	336	294	BURNETT	13127750	5	May 30, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	May 30, 2019	0.52	0.52	0.52	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 30, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	May 30, 2019	0.98	0.98	0.98	100.0%
18860914	490	1753	BURNETT	13127750	5	May 30, 2019	0.34	0.34	0.34	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 30, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 30, 2019	3.30	3.30	3.30	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 30, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 30, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	May 30, 2019	0.80	0.80	0.80	100.0%
18870630	236	1428	BECK	13130525	4	May 30, 2019	0.36	0.47	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	May 30, 2019	0.60	0.60	0.60	100.0%
18880401	279	2120	Anderson	13120745	9	May 30, 2019	0.97	0.97	0.97	100.0%
18880401	682	2139	NEILSEN	13120805	9	May 30, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	May 30, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	May 30, 2019	0.33	0.43	0.25	76.2%
18880601	56	1994	MACKAY DAM	13126000	7	May 30, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	May 30, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	May 30, 2019	0.40	0.52	0.30	76.2%
18880801	279	2125	Anderson	13120745	9	May 30, 2019	1.45	1.45	1.45	100.0%
18880801	232	2156	NEILSEN	13120805	9	May 30, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	May 30, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	KENT	13120605	9	May 30, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	KENT	13120605	9	May 30, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	May 30, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	May 30, 2019	0.83	0.83	0.83	100.0%
18890601	441	205	MOORE	13132050	4	May 30, 2019	0.97	1.27	0.97	100.0%
18890601	589	716	BURNETT	13127750	5	May 30, 2019	0.30	0.30	0.30	100.0%
18890601	336	979	BURNETT	13127750	5	May 30, 2019	0.70	0.70	0.70	100.0%
18890601	475	969	BURNETT	13127750	5	May 30, 2019	1.20	1.20	1.20	100.0%
18900601	426	756	ARCO	13132365	2	May 30, 2019	0.57	0.75	0.43	76.2%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 30, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	May 30, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 30, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 30, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 30, 2019	0.24	0.24	0.24	100.0%
18910801	307	77	CHILLY	13121105	9	May 30, 2019	5.20	5.20	5.20	100.0%

18920501	101	719	Shoupe Ditch	13124195	8	May 30, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 30, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 30, 2019	0.22	0.29	0.22	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 30, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	May 30, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	KENT	13120605	9	May 30, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	KENT	13120605	9	May 30, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	May 30, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	BITTON	13120735	9	May 30, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	BITTON	13120735	9	May 30, 2019	0.60	0.60	0.60	100.0%
18940310	357	15	BURNETT	13127750	5	May 30, 2019	0.40	0.40	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	May 30, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 30, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	May 30, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 30, 2019	2.98	2.98	2.98	100.0%
18940601	417	379	MOORE	13132050	4	May 30, 2019	0.15	0.20	0.15	100.0%
18940601	632	1724	SHARP	13126500	6	May 30, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	May 30, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	May 30, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 30, 2019	0.10	0.13	0.10	100.0%
18950601	445	410	NEILSEN	13120805	9	May 30, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 30, 2019	0.02	0.02	0.02	100.0%
18950630	265	2218	BURNETT	13127750	5	May 30, 2019	1.60	1.60	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 30, 2019	1.50	1.50	1.50	100.0%
18960601	417	992	MOORE	13132050	4	May 30, 2019	0.73	0.96	0.73	100.0%
18960601	442	2196	MOORE	13132050	4	May 30, 2019	1.56	2.05	1.56	100.0%
18960601	96	457	MOORE	13132050	4	May 30, 2019	0.75	0.98	0.75	100.0%
18960601	263	397	MOORE	13132050	4	May 30, 2019	0.35	0.46	0.35	100.0%
18960601	263	399	MOORE	13132050	4	May 30, 2019	0.27	0.35	0.27	100.0%
18960601	441	207	MOORE	13132050	4	May 30, 2019	0.99	1.30	0.99	100.0%
18960601	417	381	MOORE	13132050	4	May 30, 2019	2.40	3.15	2.40	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	May 30, 2019	0.41	0.54	0.41	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 30, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 30, 2019	2.00	2.62	1.52	76.2%
18960901	437	671	ARCO	13132365	2	May 30, 2019	0.13	0.17	0.10	76.2%
18960928	442	2158	MUNSEY	13132375	2	May 30, 2019	4.40	5.77	3.35	76.2%
18960928	150	215	MUNSEY	13132375	2	May 30, 2019	0.80	1.05	0.61	76.2%
18970510	437	664	ARCO	13132365	2	May 30, 2019	1.74	2.28	1.33	76.2%
18970510	411	673	DARLINGTON	13127735	5	May 30, 2019	0.15	0.15	0.15	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 30, 2019	2.00	2.00	2.00	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	May 30, 2019	0.13	0.17	0.13	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 30, 2019	1.20	1.20	1.20	100.0%
18980601	437	1310	ARCO	13132365	2	May 30, 2019	1.60	2.10	1.22	76.2%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 30, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 30, 2019	0.50	0.50	0.50	100.0%
18990327	566	1830	MOORE	13132050	4	May 30, 2019	0.21	0.27	0.21	100.0%
18990327	113	584	MOORE	13132050	4	May 30, 2019	0.03	0.04	0.03	100.0%
18990509	442	1364	MUNSEY	13132375	2	May 30, 2019	0.20	0.26	0.15	76.2%
18990601	307	72	NEILSEN	13120805	9	May 30, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 30, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	May 30, 2019	1.03	1.03	1.03	100.0%
18991001	682	2180	NEILSEN	13120805	9	May 30, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	May 30, 2019	0.46	0.46	0.46	100.0%
19000924	318	543	MUNSEY	13132375	2	May 30, 2019	1.04	1.36	0.79	76.2%
19001101	310	833	CHILLY	13121105	9	May 30, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 30, 2019	3.20	3.20	3.20	100.0%
19011001	263	396	MOORE	13132050	4	May 30, 2019	0.06	0.08	0.06	100.0%
19011102	426	1159	ARCO	13132365	2	May 30, 2019	1.31	1.72	1.00	76.2%
19020103	279	2241	BRADSHAW	13120705	9	May 30, 2019	2.60	2.60	2.60	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 30, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 30, 2019	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	May 30, 2019	3.20	3.20	3.20	100.0%
19020301	307	676	CHILLY	13121105	9	May 30, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	May 30, 2019	0.80	0.80	0.80	100.0%

19020301	373	24	CHILLY	13121105	9	May 30, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 30, 2019	3.40	3.40	3.40	100.0%
19020304	129	2186	CHILLY	13121105	9	May 30, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 30, 2019	0.80	0.80	0.80	100.0%
19020501	310	631	CHILLY	13121105	9	May 30, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	May 30, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 30, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	May 30, 2019	2.43	2.43	2.43	100.0%
19020601	682	742	NEILSEN	13120805	9	May 30, 2019	0.30	0.30	0.30	100.0%
19020601	2329	1739	NEILSEN	13120805	9	May 30, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	May 30, 2019	0.49	0.49	0.49	100.0%
19020701	279	2240	BRADSHAW	13120705	9	May 30, 2019	0.40	0.40	0.40	100.0%
19030224	364	953	CHILLY	13121105	9	May 30, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 30, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 30, 2019	1.60	1.60	1.60	100.0%
19040601	279	2127	Anderson	13120745	9	May 30, 2019	0.76	0.76	0.76	100.0%
19040601	232	2221	NEILSEN	13120805	9	May 30, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	May 30, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 30, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 30, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 30, 2019	0.13	0.13	0.13	100.0%
19050501	2610	2093	KENT	13120605	9	May 30, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	KENT	13120605	9	May 30, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	KENT	13120605	9	May 30, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	BITTON	13120735	9	May 30, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	BITTON	13120735	9	May 30, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	BITTON	13120735	9	May 30, 2019	0.02	0.02	0.02	100.0%
19050501	279	2124	Anderson	13120745	9	May 30, 2019	0.61	0.61	0.61	100.0%
19050501	130	74	NEILSEN	13120805	9	May 30, 2019	1.30	1.30	1.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 30, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 30, 2019	0.65	0.65	0.65	100.0%
19050501	2329	1737	NEILSEN	13120805	9	May 30, 2019	0.27	0.27	0.27	100.0%
19050501	403	811	NEILSEN	13120805	9	May 30, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 30, 2019	0.40	0.40	0.40	100.0%
19050501	154	2152	NEILSEN	13120805	9	May 30, 2019	0.10	0.10	0.10	100.0%
19050501	232	2155	NEILSEN	13120805	9	May 30, 2019	0.12	0.12	0.12	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 30, 2019	3.00	3.00	3.00	100.0%
19050501	364	629	CHILLY	13121105	9	May 30, 2019	0.20	0.20	0.20	100.0%
19050501	129	2187	CHILLY	13121105	9	May 30, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	May 30, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	May 30, 2019	2.58	2.58	2.58	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	May 30, 2019	0.42	0.42	0.42	99.5%
19070711	59	786	KENT	13120605	9	May 30, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	KENT	13120605	9	May 30, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	KENT	13120605	9	May 30, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	BITTON	13120735	9	May 30, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	May 30, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	BITTON	13120735	9	May 30, 2019	0.55	0.55	0.55	100.0%
19080709	475	1098	BURNETT	13127750	5	May 30, 2019	0.16	0.16	0.16	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 30, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 30, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 30, 2019	2.40	2.40	2.40	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 30, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 30, 2019	0.78	0.78	0.78	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	May 30, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 30, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 30, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	May 30, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	May 30, 2019	1.50	1.50	1.50	100.0%
19121014	130	75	NEILSEN	13120805	9	May 30, 2019	1.50	1.50	1.50	100.0%
19131224	373	25	CHILLY	13121105	9	May 30, 2019	1.60	1.60	1.60	100.0%
19140103	2610	2092	KENT	13120605	9	May 30, 2019	0.73	0.73	0.73	100.0%
19140103	59	1361	KENT	13120605	9	May 30, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	KENT	13120605	9	May 30, 2019	0.53	0.53	0.53	100.0%

19140103	59	2233	BITTON	13120735	9	May 30, 2019	0.53	0.53	0.53	100.0%
19140103	59	1361	BITTON	13120735	9	May 30, 2019	0.04	0.04	0.04	100.0%
19140103	2610	2092	BITTON	13120735	9	May 30, 2019	0.73	0.73	0.73	100.0%
19140601	445	413	NEILSEN	13120805	9	May 30, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	May 30, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	May 30, 2019	0.80	0.80	0.80	100.0%
19150504	373	434	CHILLY	13121105	9	May 30, 2019	0.22	0.22	0.22	100.0%
19160212	279	2123	Anderson	13120745	9	May 30, 2019	0.22	0.22	0.22	100.0%
19160212	682	1054	NEILSEN	13120805	9	May 30, 2019	0.03	0.03	0.03	100.0%
19160212	2329	1736	NEILSEN	13120805	9	May 30, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 30, 2019	1.50	1.50	1.50	100.0%
19160501	129	2128	CHILLY	13121105	9	May 30, 2019	1.71	1.71	1.71	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 30, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	May 30, 2019	1.76	1.76	1.76	100.0%
19160601	2329	1734	NEILSEN	13120805	9	May 30, 2019	0.17	0.17	0.17	100.0%
19170620	307	71	NEILSEN	13120805	9	May 30, 2019	3.16	3.16	3.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 30, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 30, 2019	0.27	0.27	0.27	100.0%
19440508	437	737	ARCO	13132365	2	May 30, 2019	0.18	0.24	0.14	76.2%
19521128	2328	2114	SWAUGER	13127600	5	May 30, 2019	0.39	0.39	0.39	100.0%
19600501	90	175	MOORE	13132050	4	May 30, 2019	0.44	0.58	0.44	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 30, 2019	7.00	9.19	5.33	76.2%
19810501	566	1684	MOORE	13132050	4	May 30, 2019	0.82	1.07	0.82	100.0%
19950203	476	1272	MOORE	13132050	4	May 30, 2019	46.78	61.39	46.78	100.0%
19950411	476	1273	ARCO	13132365	2	May 30, 2019	20.46	26.85	19.80	96.8%
19950411	476	1273	MUNSEY	13132375	2	May 30, 2019	6.60	8.66	6.60	100.0%
19950411	476	1273	BECK	13130525	4	May 30, 2019	5.00	6.56	5.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	May 30, 2019	7.54	7.54	7.54	100.0%
19950411	476	1273	DARLINGTON	13127735	5	May 30, 2019	39.52	39.52	39.52	100.0%
19950411	476	1273	BURNETT	13127750	5	May 30, 2019	47.72	47.72	47.72	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	May 30, 2019	17.00	17.00	17.00	100.0%
19950411	476	1273	SHARP	13126500	6	May 30, 2019	4.76	4.76	4.76	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 30, 2019	2.85	2.85	2.85	100.0%
19950411	476	1273	CHILLY	13121105	9	May 30, 2019	5.00	5.00	5.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 30, 2019	9969.40	9969.40	326.96	3.3%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 31, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 31	961.0	4.8	0.0	965.8	0.00	965.8	4.8	0.0	0.0	961.0	0.0	0.0
9	Howell to Chilly	May 31	725.0	121.3	0.0	-114.7	0.12	851.1	117.3	4.0	0.0	729.0	-4.0	0.0
8	Chilly to Reservoir	* May 31	690.7	72.5	0.0	38.2	0.00	889.3	66.7	5.8	0.0	700.5	-9.8	0.0
	Connected													
7	Mackay Reservoir	* May 31	870.7	0.0	0.0	0.0	0.00	936.8	355.3		0.0	345.1	525.6	0.0
6	Reservoir to 2B	May 31	861.0	9.7	0.0	0.0	0.00	889.3	9.6	0.1	0.0	335.5	525.5	0.0
5	2B to Leslie	May 31	717.0	191.5	0.0	47.5	0.00	936.8	175.0	16.5	0.0	208.1	508.9	0.0
4	Leslie to Moore	May 31	353.5	238.7	0.0	-124.8	0.17	936.8	143.2	95.5	0.0	28.7	324.8	0.0
2	Moore to blw Munsey	May 31	320.0	66.5	0.0	33.0	0.00	969.8	61.7	4.8	0.0	0.0	320.0	0.0
1	Blw Munsey to Arco	May 31	253.0	0.0	0.0	-67.0	0.21	969.8	0.0	0.0	0.0	0.0	253.0	0.0
								TOTAL	933.6	126.7	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	May 31	0.0	0.0		20180101	3%
9	Howell to Chilly	May 31	0.0	0.0		20180101	3%
8	Chilly to Reservoir	May 31	0.0	0.0		20180101	3%
	Connected						
7	Mackay Reservoir	May 31	0.0	0.0		20180101	3%
6	Reservoir to 2B	May 31	0.0	0.0		20180101	3%
5	2B to Leslie	May 31	0.0	0.0		20180101	3%
4	Leslie to Moore	May 31	36.2	88.6		20180101	3%
2	Moore to blw Munsey	May 31	0.0	0.0		20180101	3%
1	Blw Munsey to Arco	May 31	0.0	67.0		20180101	3%
		TOTAL	36.2	155.6	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	196.8
2	18810630	1.7	294.0	104.5
3	18880601	3.2	556.5	196.8
4	18960601	6.4	1113.0	393.5
5	19020301	0.8	140.0	49.2
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	17445.5
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	62237.3

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
29270.0	28900.0	-370.0	-186.5	6.6

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	18386.3
Total Storage Loss	-12134.4
Total Storage Deliver	-5842.6
Total Evaporation	-380.0
Accounting Balance	28899.3
Current Res Content	28900.0
Storage Balance Error	-0.7

DAILY STORAGE BALANCE

```
 29270.0 Reservoir Content Previous Day [ac-ft]
 28900.0 Reservoir Content Current Day [ac-ft]
  -370.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------
           704.8 Storage Allocated to Mackay Reservoir [ac-ft]

          -810.5 Stored Flow Losses [ac-ft]
                 0.0 2B to Leslie [cfs]
               -88.6 Leslie to Moore [cfs]
                 0.0 Moore blw Munsey [cfs]
               -67.0 blw Munsey to Arco Gage [cfs]
              -253.0 Past Arco Gage [cfs]

          -251.3 Storage Delivered [ac-ft]
                 9.8 Above Reservoir [cfs]
                 0.1 Reservoir to 2B [cfs]
                16.5 2B to Leslie [cfs]
                95.5 Leslie to Moore [cfs]
                 4.8 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

           -13.0 Evaporation [ac-ft]

  -370.0 Accounting Change in Storage [ac-ft]
-------------------------------------------------------
     0.0 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   690.7 Gain in/above Mackay Reservoir [cfs]
    47.5 Gain in Reach 5: 2-B to Leslie [cfs]
     0.0 Gain in Reach 4: Leslie to Moore [cfs]
    33.0 Gain in Reach 2: Moore to Munsey [cfs]
     0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------
   771.2 Total Available Natural Flow [cfs]
-------------------------------------------------------
           355.3 Reservoir Rights Diverted [cfs]

            36.2 Natural Flow Losses below Reservoir [cfs]
                 0.0 2B to Leslie [cfs]
                36.2 Leslie to Moore [cfs]
                 0.0 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
                 0.0 Natural Flow Past Arco Gage [cfs]

           379.7 Natural Flow Delivered [cfs]
                -9.8 Above Reservoir Storage Use [cfs]
                 9.6 Reservoir to 2B [cfs]
               175.0 2B to Leslie [cfs]
               143.2 Leslie to Moore [cfs]
                61.7 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

   771.2 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------
     0.0 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.4	570
Eastside Felton Wier +	34.2	1710
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	45.6	2280
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	79.3	3963
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.4	170
Island Wanstrom David +	0.0	0
Eastside OUT	28.0	1400
Total Out	115.5	5773

Abbreviated Reach Delivery Factor 2.53
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 439.0%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 28.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 6.4 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 67.0%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 9.5 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 75.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 243.2%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 294.1%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - May 31, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.8	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.1	0.0	0.0	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	9.7	0.1	11.2
9	BITTON	6.1	0.0	0.0	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	9.2	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	19.1	3.5	147.1
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	62.6	9.7	490.4
9	NEILSEN	46.5	4.0	158.9	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	92.8	3.4	734.6
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	17.0	0.0	0.0
9	CHILLY	46.4	0.0	0.0	8	Broken River Pum	3.0	0.0	3.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	2.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	9.2	1.2	95.4
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	4.0	4.0	39.7
8	Donahue 1	0.9	0.8	49.2	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	31.7
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	8.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	148.0	34.4	1576.1
8	Mtn. Springs 1	5.0	5.0	95.2	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	75.5	55.7	2644.0
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	28.5	6.9	231.8
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	38.0	9.7	190.7
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	113.1	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 31, 2019	3.47	3.47	3.47	100.0%
18750601	483	12	LONGHURST	13121505	9	May 31, 2019	1.73	1.73	1.73	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 31, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 31, 2019	0.59	0.59	0.59	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	May 31, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	May 31, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 31, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 31, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 31, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	May 31, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 31, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 31, 2019	3.00	3.00	3.00	100.0%
18830601	221	855	MOORE	13132050	4	May 31, 2019	1.60	1.94	1.60	100.0%
18830601	566	1778	MOORE	13132050	4	May 31, 2019	0.27	0.33	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	May 31, 2019	0.79	0.96	0.79	100.0%
18830630	223	1192	MOORE	13132050	4	May 31, 2019	1.73	2.09	1.73	100.0%
18830810	96	449	MOORE	13132050	4	May 31, 2019	0.48	0.58	0.48	100.0%
18830810	263	393	MOORE	13132050	4	May 31, 2019	0.18	0.22	0.18	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	May 31, 2019	0.43	0.52	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	May 31, 2019	0.21	0.26	0.21	100.0%
18840422	236	30	BECK	13130525	4	May 31, 2019	1.64	1.99	1.64	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 31, 2019	0.07	0.07	0.07	100.0%
18840422	585	951	SWAUGER	13127600	5	May 31, 2019	0.18	0.18	0.18	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 31, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 31, 2019	0.55	0.55	0.55	100.0%
18840422	525	1465	BURNETT	13127750	5	May 31, 2019	1.92	1.92	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	May 31, 2019	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	May 31, 2019	1.46	1.46	1.46	100.0%
18840422	490	1822	BURNETT	13127750	5	May 31, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	May 31, 2019	0.21	0.21	0.21	100.0%
18840422	103	1289	SHARP	13126500	6	May 31, 2019	0.64	0.64	0.64	100.0%
18840422	347	938	SHARP	13126500	6	May 31, 2019	4.00	4.00	4.00	100.0%
18840422	632	2077	SHARP	13126500	6	May 31, 2019	0.12	0.12	0.12	100.0%
18840430	141	1365	BECK	13130525	4	May 31, 2019	1.00	1.21	1.00	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 31, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 31, 2019	0.22	0.22	0.22	100.0%
18840520	14	2061	MOORE	13132050	4	May 31, 2019	0.04	0.05	0.04	100.0%
18840520	96	451	MOORE	13132050	4	May 31, 2019	0.58	0.70	0.58	100.0%
18840520	113	585	MOORE	13132050	4	May 31, 2019	0.11	0.13	0.11	100.0%
18840520	459	1478	MOORE	13132050	4	May 31, 2019	0.01	0.01	0.01	100.0%
18840520	427	1	MOORE	13132050	4	May 31, 2019	1.46	1.77	1.46	100.0%
18840520	2331	471	MOORE	13132050	4	May 31, 2019	1.53	1.85	1.53	100.0%
18840520	566	1782	MOORE	13132050	4	May 31, 2019	0.78	0.94	0.78	100.0%
18840520	14	2002	MOORE	13132050	4	May 31, 2019	0.02	0.02	0.02	100.0%
18840520	2331	463	MOORE	13132050	4	May 31, 2019	2.24	2.71	2.24	100.0%
18840520	263	394	MOORE	13132050	4	May 31, 2019	0.22	0.27	0.22	100.0%
18840531	338	122	DARLINGTON	13127735	5	May 31, 2019	0.72	0.72	0.72	100.0%
18840601	96	453	MOORE	13132050	4	May 31, 2019	0.21	0.25	0.21	100.0%
18840601	263	395	MOORE	13132050	4	May 31, 2019	0.08	0.10	0.08	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 31, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	May 31, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 31, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 31, 2019	0.40	0.40	0.40	100.0%
18840715	459	798	MOORE	13132050	4	May 31, 2019	0.80	0.97	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	May 31, 2019	1.20	1.45	1.20	100.0%
18840715	133	324	MOORE	13132050	4	May 31, 2019	0.78	0.94	0.78	100.0%
18840715	417	1194	MOORE	13132050	4	May 31, 2019	1.20	1.45	1.20	100.0%
18840831	533	421	MOORE	13132050	4	May 31, 2019	0.14	0.17	0.14	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	May 31, 2019	0.40	0.48	0.40	100.0%

18840831	2613	2036	EASTSIDE FIELD H	13132061	4	May 31, 2019	1.31	1.59	1.31	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	May 31, 2019	0.44	0.53	0.44	100.0%
18840901	441	1107	MOORE	13132050	4	May 31, 2019	3.20	3.87	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 31, 2019	1.74	1.74	1.74	100.0%
18841012	205	2067	BECK	13130525	4	May 31, 2019	1.76	2.13	1.76	100.0%
18841012	459	342	MOORE	13132050	4	May 31, 2019	0.58	0.70	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	May 31, 2019	0.89	1.08	0.89	100.0%
18841012	524	11	SWAUGER	13127600	5	May 31, 2019	1.30	1.30	1.30	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 31, 2019	1.20	1.20	1.20	100.0%
18841012	317	385	SWAUGER	13127600	5	May 31, 2019	0.74	0.74	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 31, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 31, 2019	0.72	0.72	0.72	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 31, 2019	1.65	1.65	1.65	100.0%
18850501	426	887	ARCO	13132365	2	May 31, 2019	0.64	0.77	0.53	82.6%
18850501	423	87	ARCO	13132365	2	May 31, 2019	0.20	0.24	0.17	82.6%
18850501	423	186	ARCO	13132365	2	May 31, 2019	0.26	0.31	0.21	82.6%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	May 31, 2019	0.24	0.29	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 31, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	May 31, 2019	0.20	0.24	0.20	100.0%
18850530	484	1713	BURNETT	13127750	5	May 31, 2019	0.11	0.11	0.11	100.0%
18850530	484	1833	BURNETT	13127750	5	May 31, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	May 31, 2019	1.37	1.37	1.37	100.0%
18850530	484	1718	BURNETT	13127750	5	May 31, 2019	0.01	0.01	0.01	100.0%
18850531	413	1353	MOORE	13132050	4	May 31, 2019	0.04	0.05	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	May 31, 2019	1.56	1.88	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	May 31, 2019	2.88	3.49	2.88	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 31, 2019	3.20	3.20	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	May 31, 2019	0.92	0.92	0.92	100.0%
18850601	205	2064	BECK	13130525	4	May 31, 2019	0.24	0.29	0.24	100.0%
18850601	525	1464	BURNETT	13127750	5	May 31, 2019	1.54	1.54	1.54	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	May 31, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 31, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 31, 2019	0.54	0.54	0.54	100.0%
18851002	437	62	ARCO	13132365	2	May 31, 2019	1.54	1.86	1.27	82.6%
18860407	1	1334	6X Ranch 1	13122805	8	May 31, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 31, 2019	2.80	3.39	2.80	100.0%
18860501	417	644	MOORE	13132050	4	May 31, 2019	1.20	1.45	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	May 31, 2019	4.56	5.52	4.56	100.0%
18860512	96	459	MOORE	13132050	4	May 31, 2019	0.48	0.58	0.48	100.0%
18860512	263	398	MOORE	13132050	4	May 31, 2019	0.18	0.22	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	May 31, 2019	1.77	2.14	1.77	100.0%
18860601	90	1377	MOORE	13132050	4	May 31, 2019	2.40	2.91	2.40	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	May 31, 2019	1.60	1.94	1.60	100.0%
18860601	357	1288	BURNETT	13127750	5	May 31, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 31, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 31, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	May 31, 2019	1.00	1.21	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	May 31, 2019	0.60	0.60	0.60	100.0%
18860721	484	1673	BURNETT	13127750	5	May 31, 2019	0.52	0.52	0.52	100.0%
18860721	260	1668	BURNETT	13127750	5	May 31, 2019	0.80	0.80	0.80	100.0%
18860721	336	294	BURNETT	13127750	5	May 31, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	May 31, 2019	0.84	1.02	0.69	82.6%
18860901	605	955	Stoecklein 1	13124173	8	May 31, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	May 31, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	May 31, 2019	0.98	0.98	0.98	100.0%
18870313	459	338	MOORE	13132050	4	May 31, 2019	0.42	0.51	0.42	100.0%
18870313	459	682	MOORE	13132050	4	May 31, 2019	0.65	0.79	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 31, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 31, 2019	3.30	3.30	3.30	100.0%
18870601	423	1028	ARCO	13132365	2	May 31, 2019	1.32	1.60	1.09	82.6%
18870601	423	76	ARCO	13132365	2	May 31, 2019	0.22	0.27	0.18	82.6%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	May 31, 2019	3.20	3.87	3.20	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 31, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 31, 2019	0.80	0.80	0.80	100.0%

18870601	317	941	No Tellum 3	13123090	8	May 31, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	May 31, 2019	0.53	0.53	0.53	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 31, 2019	0.27	0.27	0.27	100.0%
18870630	236	1428	BECK	13130525	4	May 31, 2019	0.36	0.44	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	May 31, 2019	0.60	0.60	0.60	100.0%
18880401	279	2120	Anderson	13120745	9	May 31, 2019	0.97	0.97	0.97	100.0%
18880401	2329	1733	NEILSEN	13120805	9	May 31, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	May 31, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	May 31, 2019	0.33	0.40	0.27	82.6%
18880601	56	1994	MACKAY DAM	13126000	7	May 31, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	May 31, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	May 31, 2019	0.40	0.48	0.33	82.6%
18880801	279	2125	Anderson	13120745	9	May 31, 2019	1.45	1.45	1.45	100.0%
18880801	232	2156	NEILSEN	13120805	9	May 31, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	May 31, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	KENT	13120605	9	May 31, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	KENT	13120605	9	May 31, 2019	0.83	0.83	0.83	100.0%
18881101	59	2222	BITTON	13120735	9	May 31, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	May 31, 2019	0.77	0.77	0.77	100.0%
18890601	441	205	MOORE	13132050	4	May 31, 2019	0.97	1.17	0.97	100.0%
18890601	475	969	BURNETT	13127750	5	May 31, 2019	1.20	1.20	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	May 31, 2019	0.30	0.30	0.30	100.0%
18890601	336	979	BURNETT	13127750	5	May 31, 2019	0.70	0.70	0.70	100.0%
18900601	426	756	ARCO	13132365	2	May 31, 2019	0.57	0.69	0.47	82.6%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 31, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	May 31, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 31, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 31, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 31, 2019	1.76	1.76	1.76	100.0%
18910801	307	77	CHILLY	13121105	9	May 31, 2019	5.20	5.20	5.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	May 31, 2019	0.20	0.24	0.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 31, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 31, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 31, 2019	0.22	0.27	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	May 31, 2019	0.30	0.36	0.30	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 31, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	May 31, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	KENT	13120605	9	May 31, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	KENT	13120605	9	May 31, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	May 31, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	May 31, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	May 31, 2019	0.03	0.03	0.03	100.0%
18940310	265	2217	BURNETT	13127750	5	May 31, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 31, 2019	0.44	0.44	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	May 31, 2019	0.40	0.40	0.40	100.0%
18940310	609	1496	CHILLY	13121105	9	May 31, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 31, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	May 31, 2019	3.20	3.87	2.64	82.6%
18940601	417	379	MOORE	13132050	4	May 31, 2019	0.15	0.18	0.15	100.0%
18940601	632	1724	SHARP	13126500	6	May 31, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	May 31, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	May 31, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 31, 2019	0.10	0.12	0.10	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	May 31, 2019	0.80	0.97	0.80	100.0%
18950601	445	411	NEILSEN	13120805	9	May 31, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 31, 2019	0.18	0.18	0.18	100.0%
18950630	265	2218	BURNETT	13127750	5	May 31, 2019	1.60	1.60	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 31, 2019	1.50	1.50	1.50	100.0%
18960601	441	207	MOORE	13132050	4	May 31, 2019	1.00	1.21	1.00	100.0%
18960601	417	992	MOORE	13132050	4	May 31, 2019	1.20	1.45	1.20	100.0%
18960601	417	381	MOORE	13132050	4	May 31, 2019	2.40	2.91	2.40	100.0%
18960601	459	993	MOORE	13132050	4	May 31, 2019	0.40	0.48	0.40	100.0%
18960601	459	1120	MOORE	13132050	4	May 31, 2019	0.40	0.48	0.40	100.0%
18960601	533	424	MOORE	13132050	4	May 31, 2019	0.11	0.13	0.11	100.0%

18960601	442	2196	MOORE	13132050	4	May 31, 2019	1.57	1.90	1.57	100.0%
18960601	96	461	MOORE	13132050	4	May 31, 2019	0.73	0.88	0.73	100.0%
18960601	263	397	MOORE	13132050	4	May 31, 2019	0.35	0.42	0.35	100.0%
18960601	263	399	MOORE	13132050	4	May 31, 2019	0.27	0.33	0.27	100.0%
18960601	96	457	MOORE	13132050	4	May 31, 2019	0.92	1.11	0.92	100.0%
18960601	634	1547	UPPER EASTSIDE &	13132101	4	May 31, 2019	0.06	0.07	0.06	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	May 31, 2019	0.04	0.04	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	May 31, 2019	0.41	0.50	0.41	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	May 31, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 31, 2019	2.00	2.42	1.65	82.6%
18960901	437	671	ARCO	13132365	2	May 31, 2019	0.13	0.16	0.11	82.6%
18960928	442	2158	MUNSEY	13132375	2	May 31, 2019	4.40	5.33	3.63	82.6%
18960928	150	215	MUNSEY	13132375	2	May 31, 2019	0.80	0.97	0.66	82.6%
18970510	437	664	ARCO	13132365	2	May 31, 2019	1.00	1.21	0.83	82.6%
18970510	411	673	DARLINGTON	13127735	5	May 31, 2019	0.15	0.15	0.15	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 31, 2019	2.00	2.00	2.00	100.0%
18970601	533	427	MOORE	13132050	4	May 31, 2019	0.03	0.04	0.03	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	May 31, 2019	0.13	0.16	0.13	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 31, 2019	1.20	1.20	1.20	100.0%
18980601	634	1548	UPPER EASTSIDE &	13132101	4	May 31, 2019	0.42	0.51	0.42	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	May 31, 2019	0.65	0.79	0.65	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 31, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 31, 2019	0.50	0.50	0.50	100.0%
18990327	459	1477	MOORE	13132050	4	May 31, 2019	0.01	0.01	0.01	100.0%
18990327	14	2062	MOORE	13132050	4	May 31, 2019	0.01	0.01	0.01	100.0%
18990327	113	584	MOORE	13132050	4	May 31, 2019	0.03	0.04	0.03	100.0%
18990327	566	1830	MOORE	13132050	4	May 31, 2019	0.21	0.25	0.21	100.0%
18990509	442	1364	MUNSEY	13132375	2	May 31, 2019	2.60	3.15	2.15	82.6%
18990601	130	1076	NEILSEN	13120805	9	May 31, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 31, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	May 31, 2019	1.03	1.03	1.03	100.0%
18991001	2329	1735	NEILSEN	13120805	9	May 31, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	May 31, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	May 31, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	May 31, 2019	0.20	0.24	0.20	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 31, 2019	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	May 31, 2019	0.23	0.28	0.23	100.0%
19010901	459	684	MOORE	13132050	4	May 31, 2019	0.35	0.42	0.35	100.0%
19011001	263	396	MOORE	13132050	4	May 31, 2019	0.14	0.17	0.14	100.0%
19011001	96	455	MOORE	13132050	4	May 31, 2019	0.22	0.27	0.22	100.0%
19011102	426	1159	ARCO	13132365	2	May 31, 2019	0.79	0.96	0.65	82.6%
19020103	279	2241	BRADSHAW	13120705	9	May 31, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	May 31, 2019	0.20	0.24	0.20	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	May 31, 2019	0.26	0.31	0.26	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	May 31, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 31, 2019	0.90	0.90	0.90	100.0%
19020301	609	1492	CHILLY	13121105	9	May 31, 2019	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	May 31, 2019	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	May 31, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	May 31, 2019	0.80	0.80	0.80	100.0%
19020301	364	952	CHILLY	13121105	9	May 31, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	May 31, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 31, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	May 31, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	May 31, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	May 31, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 31, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	May 31, 2019	2.43	2.43	2.43	100.0%
19020601	682	742	NEILSEN	13120805	9	May 31, 2019	0.30	0.30	0.30	100.0%
19020601	232	2220	NEILSEN	13120805	9	May 31, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	May 31, 2019	1.08	1.08	1.08	100.0%
19020701	279	2240	BRADSHAW	13120705	9	May 31, 2019	0.40	0.40	0.40	100.0%
19030224	364	953	CHILLY	13121105	9	May 31, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 31, 2019	1.74	1.74	1.74	100.0%

19030401	364	970	Upper Fish Hatch	13124160	8	May 31, 2019	1.60	1.60	1.60	100.0%
19040601	279	2127	Anderson	13120745	9	May 31, 2019	0.76	0.76	0.76	100.0%
19040601	232	2221	NEILSEN	13120805	9	May 31, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	May 31, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 31, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 31, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 31, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	May 31, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	KENT	13120605	9	May 31, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	KENT	13120605	9	May 31, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	BITTON	13120735	9	May 31, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	May 31, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	BITTON	13120735	9	May 31, 2019	0.44	0.44	0.44	100.0%
19050501	279	2124	Anderson	13120745	9	May 31, 2019	0.61	0.61	0.61	100.0%
19050501	154	2152	NEILSEN	13120805	9	May 31, 2019	0.10	0.10	0.10	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 31, 2019	0.82	0.82	0.82	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 31, 2019	3.00	3.00	3.00	100.0%
19050501	130	74	NEILSEN	13120805	9	May 31, 2019	1.30	1.30	1.30	100.0%
19050501	403	811	NEILSEN	13120805	9	May 31, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 31, 2019	0.40	0.40	0.40	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 31, 2019	0.65	0.65	0.65	100.0%
19050501	232	2155	NEILSEN	13120805	9	May 31, 2019	0.12	0.12	0.12	100.0%
19050501	2329	1737	NEILSEN	13120805	9	May 31, 2019	0.27	0.27	0.27	100.0%
19050501	364	629	CHILLY	13121105	9	May 31, 2019	0.20	0.20	0.20	100.0%
19050501	373	432	CHILLY	13121105	9	May 31, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	May 31, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	May 31, 2019	2.58	2.58	2.58	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	May 31, 2019	0.42	0.42	0.42	99.5%
19070711	2610	2094	KENT	13120605	9	May 31, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	KENT	13120605	9	May 31, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	May 31, 2019	0.03	0.03	0.03	100.0%
19070711	59	786	BITTON	13120735	9	May 31, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	May 31, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	BITTON	13120735	9	May 31, 2019	0.55	0.55	0.55	100.0%
19080709	475	1098	BURNETT	13127750	5	May 31, 2019	0.16	0.16	0.16	100.0%
19081207	459	344	MOORE	13132050	4	May 31, 2019	0.33	0.40	0.33	100.0%
19081207	459	1080	MOORE	13132050	4	May 31, 2019	0.50	0.61	0.50	100.0%
19090830	575	890	Broken River Pum	13124050	8	May 31, 2019	0.82	0.82	0.82	100.0%
19100501	2610	2003	Donahue 1	13122230	8	May 31, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	May 31, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 31, 2019	2.40	2.40	2.40	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 31, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	May 31, 2019	0.78	0.78	0.78	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	May 31, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 31, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	May 31, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	May 31, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	May 31, 2019	1.50	1.50	1.50	100.0%
19121014	403	813	NEILSEN	13120805	9	May 31, 2019	1.50	1.50	1.50	100.0%
19131224	373	25	CHILLY	13121105	9	May 31, 2019	1.60	1.60	1.60	100.0%
19140103	59	2233	KENT	13120605	9	May 31, 2019	0.53	0.53	0.53	100.0%
19140103	2610	2092	KENT	13120605	9	May 31, 2019	0.73	0.73	0.73	100.0%
19140103	59	1361	KENT	13120605	9	May 31, 2019	0.04	0.04	0.04	100.0%
19140103	59	1361	BITTON	13120735	9	May 31, 2019	0.04	0.04	0.04	100.0%
19140103	2610	2092	BITTON	13120735	9	May 31, 2019	0.73	0.73	0.73	100.0%
19140103	59	2233	BITTON	13120735	9	May 31, 2019	0.53	0.53	0.53	100.0%
19140601	445	412	NEILSEN	13120805	9	May 31, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	May 31, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	May 31, 2019	0.80	0.80	0.80	100.0%
19150504	373	434	CHILLY	13121105	9	May 31, 2019	0.22	0.22	0.22	100.0%
19160212	279	2123	Anderson	13120745	9	May 31, 2019	0.22	0.22	0.22	100.0%
19160212	2329	1736	NEILSEN	13120805	9	May 31, 2019	0.10	0.10	0.10	100.0%
19160212	682	1054	NEILSEN	13120805	9	May 31, 2019	0.03	0.03	0.03	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 31, 2019	1.50	1.50	1.50	100.0%

19160501	129	2128	CHILLY	13121105	9	May 31, 2019	1.71	1.71	1.71	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 31, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	May 31, 2019	1.76	1.76	1.76	100.0%
19160601	2329	1734	NEILSEN	13120805	9	May 31, 2019	0.17	0.17	0.17	100.0%
19170620	307	71	NEILSEN	13120805	9	May 31, 2019	3.16	3.16	3.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	May 31, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 31, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	May 31, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	May 31, 2019	0.50	0.61	0.50	100.0%
19600501	90	175	MOORE	13132050	4	May 31, 2019	0.44	0.53	0.44	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 31, 2019	4.40	5.33	3.63	82.6%
19760505	441	1232	MUNSEY	13132375	2	May 31, 2019	16.00	19.37	8.66	54.1%
19770529	327	176	MUNSEY	13132375	2	May 31, 2019	0.30	0.36	0.30	100.0%
19810501	566	1684	MOORE	13132050	4	May 31, 2019	0.82	0.99	0.82	100.0%
19950203	476	1272	MOORE	13132050	4	May 31, 2019	67.80	82.09	67.80	100.0%
19950411	476	1273	ARCO	13132365	2	May 31, 2019	15.84	19.18	15.84	100.0%
19950411	476	1273	MUNSEY	13132375	2	May 31, 2019	3.90	4.72	3.90	100.0%
19950411	476	1273	BECK	13130525	4	May 31, 2019	3.00	3.63	3.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	May 31, 2019	8.64	8.64	8.64	100.0%
19950411	476	1273	DARLINGTON	13127735	5	May 31, 2019	43.52	43.52	43.52	100.0%
19950411	476	1273	BURNETT	13127750	5	May 31, 2019	67.52	67.52	67.52	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	May 31, 2019	17.00	17.00	17.00	100.0%
19950411	476	1273	SHARP	13126500	6	May 31, 2019	4.76	4.76	4.76	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 31, 2019	2.85	2.85	2.85	100.0%
19950411	476	1273	CHILLY	13121105	9	May 31, 2019	5.00	5.00	5.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	May 31, 2019	9969.40	9969.40	340.03	3.4%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 1, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 1	1170.0	4.8	0.0	1174.8	0.00	1174.8	4.8	0.0	0.0	1170.0	0.0	0.0
9	Howell to Chilly	Jun 1	878.0	121.3	0.0	-170.7	0.15	1004.1	117.3	4.0	0.0	882.0	-4.0	0.0
8	Chilly to Reservoir	* Jun 1	806.0	72.5	0.0	0.5	0.00	1004.6	66.7	5.8	0.0	815.7	-9.8	0.0
	Connected													
7	Mackay Reservoir	* Jun 1	863.7	0.0	0.0	0.0	0.00	1046.3	406.8		0.0	409.0	454.7	0.0
6	Reservoir to 2B	Jun 1	854.0	9.7	0.0	0.0	0.00	1004.6	9.6	0.1	0.0	399.4	454.6	0.0
5	2B to Leslie	Jun 1	708.0	187.7	0.0	41.7	0.00	1046.3	180.7	7.0	0.0	260.4	447.6	0.0
4	Leslie to Moore	Jun 1	332.1	238.3	0.0	-137.6	0.19	1046.3	148.1	90.2	0.0	61.7	270.4	0.0
2	Moore to blw Munsey	Jun 1	262.0	65.5	0.0	-4.6	0.01	1046.3	60.8	4.7	0.0	0.0	262.0	0.0
1	Blw Munsey to Arco	Jun 1	222.0	0.0	0.0	-40.0	0.15	1046.3	0.0	0.0	0.0	0.0	222.0	0.0
								TOTAL	994.8	111.8	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 1	0.0	0.0		20180101	4%
9	Howell to Chilly	Jun 1	0.0	0.0		20180101	4%
8	Chilly to Reservoir	Jun 1	0.0	0.0		20180101	4%
	Connected						
7	Mackay Reservoir	Jun 1	0.0	0.0		20180101	4%
6	Reservoir to 2B	Jun 1	0.0	0.0		20180101	4%
5	2B to Leslie	Jun 1	0.0	0.0		20180101	4%
4	Leslie to Moore	Jun 1	50.6	87.0		20180101	4%
2	Moore to blw Munsey	Jun 1	0.9	3.7		20180101	4%
1	Blw Munsey to Arco	Jun 1	0.0	40.0		20180101	4%
		TOTAL	51.5	130.7	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	203.1
2	18810630	1.7	294.0	107.9
3	18880601	3.2	556.5	203.1
4	18960601	6.4	1113.0	406.2
5	19020301	0.8	140.0	50.8
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	18222.0
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	63044.1

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28900.0	28770.0	-130.0	-65.5	7.8

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	19193.1
Total Storage Loss	-12834.0
Total Storage Deliver	-6064.4
Total Evaporation	-395.5
Accounting Balance	28769.2
Current Res Content	28770.0
Storage Balance Error	-0.8

DAILY STORAGE BALANCE

28900.0	Reservoir Content Previous Day [ac-ft]
28770.0	Reservoir Content Current Day [ac-ft]
-130.0	Physical Change in Storage [ac-ft]
806.8	Storage Allocated to Mackay Reservoir [ac-ft]
-699.6	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-87.0	Leslie to Moore [cfs]
-3.7	Moore blw Munsey [cfs]
-40.0	blw Munsey to Arco Gage [cfs]
-222.0	Past Arco Gage [cfs]
-221.7	Storage Delivered [ac-ft]
9.8	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
7.0	2B to Leslie [cfs]
90.2	Leslie to Moore [cfs]
4.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-15.5	Evaporation [ac-ft]
-130.0	Accounting Change in Storage [ac-ft]
0.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

806.0	Gain in/above Mackay Reservoir [cfs]
41.7	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
847.7	Total Available Natural Flow [cfs]
406.8	Reservoir Rights Diverted [cfs]
51.5	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
50.6	Leslie to Moore [cfs]
0.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
389.4	Natural Flow Delivered [cfs]
-9.8	Above Reservoir Storage Use [cfs]
9.6	Reservoir to 2B [cfs]
180.7	2B to Leslie [cfs]
148.1	Leslie to Moore [cfs]
60.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
847.7	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	10.7	535
Eastside Felton Wier +	31.8	1590
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	42.5	2125
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	76.5	3823
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.2	110
Island Wanstrom David +	0.0	0
Eastside OUT	22.8	1140
Total Out	106.3	5313

Abbreviated Reach Delivery Factor 2.50
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 461.3%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 22.8 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 4.9 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 69.8%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 7.1 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 76.9 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 246.2%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 322.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 1, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.8	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.1	0.0	0.1	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	9.7	0.1	11.4
9	BITTON	6.1	0.0	0.1	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	9.2	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	19.1	0.0	147.1
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	62.6	3.0	496.3
9	NEILSEN	46.5	4.0	166.8	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	92.0	4.0	742.6
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	14.0	0.0	0.0
9	CHILLY	46.4	0.0	0.0	8	Broken River Pum	3.0	0.0	3.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	2.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	9.2	1.2	97.8
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	4.0	4.0	47.6
8	Donahue 1	0.9	0.8	50.8	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	35.7
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	8.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	146.2	29.0	1633.7
8	Mtn. Springs 1	5.0	5.0	105.1	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	76.9	55.9	2754.8
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	27.5	4.7	241.1
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	38.0	0.0	190.7
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	123.0	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 01, 2019	3.47	3.47	3.47	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 01, 2019	1.73	1.73	1.73	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 01, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 01, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 01, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 01, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 01, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 01, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 01, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jun 01, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 01, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 01, 2019	3.00	3.00	3.00	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 01, 2019	0.79	0.98	0.79	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 01, 2019	0.27	0.34	0.27	100.0%
18830601	221	855	MOORE	13132050	4	Jun 01, 2019	1.60	1.99	1.60	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 01, 2019	1.73	2.15	1.73	100.0%
18830810	263	393	MOORE	13132050	4	Jun 01, 2019	0.18	0.22	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jun 01, 2019	0.48	0.60	0.48	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	0.43	0.53	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	0.21	0.26	0.21	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	0.21	0.26	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 01, 2019	1.64	2.04	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 01, 2019	0.14	0.17	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 01, 2019	1.50	1.50	1.50	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 01, 2019	0.18	0.18	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 01, 2019	0.07	0.07	0.07	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 01, 2019	1.10	1.10	1.10	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 01, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 01, 2019	0.55	0.55	0.55	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 01, 2019	0.50	0.50	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 01, 2019	1.92	1.92	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 01, 2019	1.46	1.46	1.46	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 01, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 01, 2019	0.21	0.21	0.21	100.0%
18840422	347	938	SHARP	13126500	6	Jun 01, 2019	2.50	2.50	2.50	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 01, 2019	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 01, 2019	0.64	0.64	0.64	100.0%
18840430	141	1365	BECK	13130525	4	Jun 01, 2019	1.00	1.24	1.00	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 01, 2019	0.40	0.40	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 01, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 01, 2019	1.80	1.80	1.80	100.0%
18840520	263	394	MOORE	13132050	4	Jun 01, 2019	0.22	0.27	0.22	100.0%
18840520	113	585	MOORE	13132050	4	Jun 01, 2019	0.11	0.14	0.11	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 01, 2019	0.78	0.97	0.78	100.0%
18840520	433	271	MOORE	13132050	4	Jun 01, 2019	0.54	0.67	0.54	100.0%
18840520	96	451	MOORE	13132050	4	Jun 01, 2019	0.58	0.72	0.58	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 01, 2019	2.24	2.78	2.24	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 01, 2019	0.68	0.84	0.68	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 01, 2019	1.21	1.50	1.21	100.0%
18840520	14	2061	MOORE	13132050	4	Jun 01, 2019	0.04	0.05	0.04	100.0%
18840520	14	2002	MOORE	13132050	4	Jun 01, 2019	0.02	0.02	0.02	100.0%
18840520	427	1	MOORE	13132050	4	Jun 01, 2019	1.46	1.81	1.46	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 01, 2019	0.01	0.01	0.01	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 01, 2019	0.72	0.72	0.72	100.0%
18840601	263	395	MOORE	13132050	4	Jun 01, 2019	0.08	0.10	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Jun 01, 2019	0.21	0.26	0.21	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 01, 2019	0.33	0.33	0.33	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 01, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 01, 2019	0.27	0.27	0.27	100.0%

18840601	317	940	No Tellum 1	13123060	8	Jun 01, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jun 01, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 01, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 01, 2019	0.40	0.40	0.40	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 01, 2019	0.80	0.99	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jun 01, 2019	0.80	0.99	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 01, 2019	1.20	1.49	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 01, 2019	1.20	1.49	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jun 01, 2019	0.72	0.89	0.72	100.0%
18840831	533	421	MOORE	13132050	4	Jun 01, 2019	0.14	0.17	0.14	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jun 01, 2019	1.31	1.63	1.31	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	0.44	0.55	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	0.40	0.50	0.40	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	0.40	0.50	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 01, 2019	3.20	3.97	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 01, 2019	1.74	1.74	1.74	100.0%
18841012	205	2067	BECK	13130525	4	Jun 01, 2019	1.76	2.18	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Jun 01, 2019	0.58	0.72	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 01, 2019	1.25	1.55	1.25	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 01, 2019	0.89	1.10	0.89	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jun 01, 2019	0.40	0.40	0.40	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 01, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 01, 2019	0.72	0.72	0.72	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 01, 2019	2.78	2.78	2.78	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 01, 2019	0.74	0.74	0.74	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 01, 2019	1.20	1.20	1.20	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 01, 2019	2.00	2.00	2.00	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 01, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jun 01, 2019	0.66	0.66	0.66	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 01, 2019	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 01, 2019	1.65	1.65	1.65	100.0%
18850501	423	186	ARCO	13132365	2	Jun 01, 2019	0.26	0.33	0.26	100.0%
18850501	426	887	ARCO	13132365	2	Jun 01, 2019	0.64	0.81	0.64	100.0%
18850501	423	87	ARCO	13132365	2	Jun 01, 2019	0.20	0.25	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 01, 2019	0.24	0.30	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 01, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	0.20	0.25	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	0.20	0.25	0.20	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 01, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jun 01, 2019	0.01	0.01	0.01	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 01, 2019	1.37	1.37	1.37	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 01, 2019	0.19	0.19	0.19	100.0%
18850531	413	1353	MOORE	13132050	4	Jun 01, 2019	0.04	0.05	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 01, 2019	1.56	1.93	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	2.88	3.57	2.88	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jun 01, 2019	1.62	1.62	1.62	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 01, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jun 01, 2019	0.24	0.30	0.24	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 01, 2019	1.31	1.31	1.31	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 01, 2019	1.54	1.54	1.54	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 01, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 01, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 01, 2019	0.54	0.54	0.54	100.0%
18851002	437	62	ARCO	13132365	2	Jun 01, 2019	1.54	1.94	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 01, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 01, 2019	2.80	3.48	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 01, 2019	1.20	1.49	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 01, 2019	4.56	5.66	4.56	100.0%
18860512	96	459	MOORE	13132050	4	Jun 01, 2019	0.48	0.60	0.48	100.0%
18860512	263	398	MOORE	13132050	4	Jun 01, 2019	0.18	0.22	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	1.77	2.20	1.77	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 01, 2019	2.40	2.98	2.40	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	1.60	1.99	1.60	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 01, 2019	1.60	1.60	1.60	100.0%

18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 01, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 01, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	1.00	1.24	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 01, 2019	0.60	0.60	0.60	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 01, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jun 01, 2019	0.52	0.52	0.52	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 01, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 01, 2019	0.84	1.06	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 01, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 01, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 01, 2019	0.98	0.98	0.98	100.0%
18870313	459	682	MOORE	13132050	4	Jun 01, 2019	0.65	0.81	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Jun 01, 2019	0.42	0.52	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Jun 01, 2019	0.70	0.87	0.70	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 01, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 01, 2019	3.30	3.30	3.30	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 01, 2019	0.32	0.40	0.32	100.0%
18870601	423	76	ARCO	13132365	2	Jun 01, 2019	0.22	0.28	0.22	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 01, 2019	2.20	2.73	2.20	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 01, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 01, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jun 01, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 01, 2019	0.53	0.53	0.53	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 01, 2019	0.27	0.27	0.27	100.0%
18870630	236	1428	BECK	13130525	4	Jun 01, 2019	0.36	0.45	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 01, 2019	0.60	0.60	0.60	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 01, 2019	0.97	0.97	0.97	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 01, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 01, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jun 01, 2019	0.33	0.42	0.33	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jun 01, 2019	0.50	0.50	0.50	100.0%
18880601	347	1973	SHARP	13126500	6	Jun 01, 2019	0.84	0.84	0.84	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 01, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 01, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 01, 2019	0.40	0.50	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 01, 2019	1.45	1.45	1.45	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 01, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 01, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 01, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	KENT	13120605	9	Jun 01, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 01, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 01, 2019	0.83	0.83	0.83	100.0%
18890601	441	205	MOORE	13132050	4	Jun 01, 2019	0.97	1.20	0.97	100.0%
18890601	322	968	BURNETT	13127750	5	Jun 01, 2019	0.80	0.80	0.80	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 01, 2019	0.70	0.70	0.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 01, 2019	1.20	1.20	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 01, 2019	2.30	2.30	2.30	100.0%
18900601	426	756	ARCO	13132365	2	Jun 01, 2019	0.57	0.72	0.57	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 01, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 01, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 01, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 01, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 01, 2019	0.24	0.24	0.24	100.0%
18910630	322	1247	BURNETT	13127750	5	Jun 01, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 01, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 01, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 01, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jun 01, 2019	0.22	0.27	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 01, 2019	0.30	0.37	0.30	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 01, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	Jun 01, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 01, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	KENT	13120605	9	Jun 01, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 01, 2019	0.58	0.58	0.58	100.0%

18931101	59	1279	BITTON	13120735	9	Jun 01, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 01, 2019	0.60	0.60	0.60	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 01, 2019	0.44	0.44	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 01, 2019	0.40	0.40	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 01, 2019	2.80	2.80	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 01, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 01, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 01, 2019	3.20	4.03	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jun 01, 2019	0.15	0.19	0.15	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 01, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 01, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 01, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jun 01, 2019	0.10	0.12	0.10	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	0.80	0.99	0.80	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 01, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 01, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jun 01, 2019	2.36	2.93	2.36	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 01, 2019	1.60	1.60	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 01, 2019	1.50	1.50	1.50	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 01, 2019	2.40	2.98	2.40	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 01, 2019	0.40	0.50	0.40	100.0%
18960601	459	993	MOORE	13132050	4	Jun 01, 2019	0.40	0.50	0.40	100.0%
18960601	96	461	MOORE	13132050	4	Jun 01, 2019	0.71	0.88	0.71	100.0%
18960601	96	457	MOORE	13132050	4	Jun 01, 2019	0.92	1.14	0.92	100.0%
18960601	417	381	MOORE	13132050	4	Jun 01, 2019	2.40	2.98	2.40	100.0%
18960601	417	992	MOORE	13132050	4	Jun 01, 2019	1.20	1.49	1.20	100.0%
18960601	533	424	MOORE	13132050	4	Jun 01, 2019	0.11	0.14	0.11	100.0%
18960601	441	207	MOORE	13132050	4	Jun 01, 2019	1.00	1.24	1.00	100.0%
18960601	263	397	MOORE	13132050	4	Jun 01, 2019	0.35	0.43	0.35	100.0%
18960601	263	399	MOORE	13132050	4	Jun 01, 2019	0.27	0.34	0.27	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 01, 2019	1.57	1.95	1.57	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jun 01, 2019	0.41	0.51	0.41	100.0%
18960601	634	1547	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	0.06	0.07	0.06	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	0.04	0.04	0.04	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 01, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 01, 2019	2.00	2.52	2.00	100.0%
18960901	437	671	ARCO	13132365	2	Jun 01, 2019	0.13	0.16	0.13	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 01, 2019	0.80	1.01	0.80	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 01, 2019	4.40	5.54	4.40	100.0%
18970510	437	664	ARCO	13132365	2	Jun 01, 2019	1.00	1.26	1.00	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jun 01, 2019	0.15	0.15	0.15	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 01, 2019	3.00	3.00	3.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 01, 2019	2.00	2.00	2.00	100.0%
18970601	533	427	MOORE	13132050	4	Jun 01, 2019	0.03	0.04	0.03	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 01, 2019	0.70	0.70	0.70	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jun 01, 2019	0.13	0.16	0.13	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 01, 2019	1.20	1.20	1.20	100.0%
18980601	634	1548	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	1.22	1.51	1.22	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	0.65	0.81	0.65	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	0.65	0.81	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jun 01, 2019	1.20	1.20	1.20	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 01, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 01, 2019	0.50	0.50	0.50	100.0%
18990327	14	2062	MOORE	13132050	4	Jun 01, 2019	0.01	0.01	0.01	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 01, 2019	0.21	0.26	0.21	100.0%
18990327	433	272	MOORE	13132050	4	Jun 01, 2019	0.15	0.19	0.15	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 01, 2019	0.01	0.01	0.01	100.0%
18990327	113	584	MOORE	13132050	4	Jun 01, 2019	0.03	0.04	0.03	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 01, 2019	2.60	3.27	2.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 01, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 01, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 01, 2019	1.03	1.03	1.03	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 01, 2019	0.21	0.21	0.21	100.0%

18991001	2329	1735	NEILSEN	13120805	9	Jun 01, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 01, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	0.20	0.25	0.20	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 01, 2019	3.20	3.20	3.20	100.0%
19010901	459	684	MOORE	13132050	4	Jun 01, 2019	0.35	0.43	0.35	100.0%
19010901	459	340	MOORE	13132050	4	Jun 01, 2019	0.23	0.29	0.23	100.0%
19011001	263	396	MOORE	13132050	4	Jun 01, 2019	0.14	0.17	0.14	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 01, 2019	0.79	0.99	0.79	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 01, 2019	2.60	2.60	2.60	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	0.20	0.25	0.20	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	0.20	0.25	0.20	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jun 01, 2019	0.26	0.32	0.26	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 01, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 01, 2019	0.90	0.90	0.90	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 01, 2019	3.40	3.40	3.40	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 01, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 01, 2019	0.80	0.80	0.80	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 01, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 01, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 01, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 01, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 01, 2019	2.70	3.35	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jun 01, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Jun 01, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 01, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 01, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 01, 2019	2.43	2.43	2.43	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 01, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 01, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 01, 2019	0.30	0.30	0.30	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 01, 2019	0.40	0.40	0.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 01, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 01, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 01, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 01, 2019	1.60	1.99	1.60	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 01, 2019	0.76	0.76	0.76	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 01, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 01, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 01, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 01, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 01, 2019	0.13	0.13	0.13	100.0%
19050501	59	2145	KENT	13120605	9	Jun 01, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 01, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	KENT	13120605	9	Jun 01, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 01, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 01, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	BITTON	13120735	9	Jun 01, 2019	0.02	0.02	0.02	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 01, 2019	0.61	0.61	0.61	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 01, 2019	0.27	0.27	0.27	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 01, 2019	0.12	0.12	0.12	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 01, 2019	1.30	1.30	1.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 01, 2019	0.40	0.40	0.40	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 01, 2019	0.82	0.82	0.82	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 01, 2019	0.10	0.10	0.10	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 01, 2019	0.30	0.30	0.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 01, 2019	3.00	3.00	3.00	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 01, 2019	0.65	0.65	0.65	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 01, 2019	0.20	0.20	0.20	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 01, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 01, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 01, 2019	2.58	2.58	2.58	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 01, 2019	0.42	0.42	0.42	99.5%
19070711	59	2146	KENT	13120605	9	Jun 01, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	Jun 01, 2019	0.03	0.03	0.03	100.0%

19070711	2610	2094	KENT	13120605	9	Jun 01, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 01, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	BITTON	13120735	9	Jun 01, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 01, 2019	0.53	0.53	0.53	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 01, 2019	0.16	0.16	0.16	100.0%
19081207	459	344	MOORE	13132050	4	Jun 01, 2019	0.33	0.41	0.33	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 01, 2019	0.50	0.62	0.50	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jun 01, 2019	0.82	0.82	0.82	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 01, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 01, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 01, 2019	2.40	2.40	2.40	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 01, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 01, 2019	0.78	0.78	0.78	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 01, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 01, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 01, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 01, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 01, 2019	1.50	1.50	1.50	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 01, 2019	1.50	1.50	1.50	100.0%
19130517	170	1416	MOORE	13132050	4	Jun 01, 2019	0.80	0.99	0.80	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 01, 2019	1.60	1.60	1.60	100.0%
19140103	59	1361	KENT	13120605	9	Jun 01, 2019	0.04	0.04	0.04	100.0%
19140103	2610	2092	KENT	13120605	9	Jun 01, 2019	0.73	0.73	0.73	100.0%
19140103	59	2233	KENT	13120605	9	Jun 01, 2019	0.53	0.53	0.53	100.0%
19140103	2610	2092	BITTON	13120735	9	Jun 01, 2019	0.73	0.73	0.73	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 01, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jun 01, 2019	0.53	0.53	0.53	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 01, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 01, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 01, 2019	0.02	0.02	0.02	100.0%
19150504	373	434	CHILLY	13121105	9	Jun 01, 2019	0.22	0.22	0.22	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 01, 2019	0.22	0.22	0.22	100.0%
19160212	682	1054	NEILSEN	13120805	9	Jun 01, 2019	0.03	0.03	0.03	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 01, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 01, 2019	1.50	1.50	1.50	100.0%
19160501	129	2128	CHILLY	13121105	9	Jun 01, 2019	1.71	1.71	1.71	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 01, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 01, 2019	1.76	1.76	1.76	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 01, 2019	0.17	0.17	0.17	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 01, 2019	3.16	3.16	3.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 01, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 01, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 01, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 01, 2019	0.50	0.62	0.50	100.0%
19280501	12	165	MOORE	13132050	4	Jun 01, 2019	0.28	0.35	0.28	100.0%
19600501	90	175	MOORE	13132050	4	Jun 01, 2019	0.44	0.55	0.44	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 01, 2019	4.40	5.54	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 01, 2019	16.00	20.14	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jun 01, 2019	0.30	0.38	0.30	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 01, 2019	0.82	1.02	0.82	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 01, 2019	57.64	71.54	57.64	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 01, 2019	16.84	21.19	16.84	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jun 01, 2019	3.90	4.91	3.06	78.5%
19950411	476	1273	BECK	13130525	4	Jun 01, 2019	3.00	3.72	3.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 01, 2019	5.54	5.54	5.54	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 01, 2019	40.98	40.98	40.98	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 01, 2019	60.12	60.12	60.12	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 01, 2019	14.00	14.00	14.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 01, 2019	4.76	4.76	4.76	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jun 01, 2019	2.85	2.85	2.85	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 01, 2019	5.00	5.00	5.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 01, 2019	9969.40	9969.40	391.46	3.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 2, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 2	1280.0	4.8	0.0	1284.8	0.00	1284.8	4.8	0.0	0.0	1280.0	0.0	0.0
9	Howell to Chilly	Jun 2	970.0	124.3	0.0	-185.7	0.15	1099.1	120.3	4.0	0.0	974.0	-4.0	0.0
8	Chilly to Reservoir	* Jun 2	910.7	74.5	0.0	15.2	0.00	1114.3	68.7	5.8	0.0	920.5	-9.8	0.0
	Connected													
7	Mackay Reservoir	* Jun 2	863.7	0.0	0.0	0.0	0.00	1159.9	527.4		0.0	393.1	470.6	0.0
6	Reservoir to 2B	Jun 2	854.0	9.7	0.0	0.0	0.00	1114.3	9.6	0.1	0.0	383.5	470.5	0.0
5	2B to Leslie	Jun 2	711.0	188.6	0.0	45.6	0.00	1159.9	175.9	12.7	0.0	253.2	457.8	0.0
4	Leslie to Moore	Jun 2	338.3	236.1	0.0	-136.6	0.19	1159.9	144.5	91.6	0.0	60.0	278.3	0.0
2	Moore to blw Munsey	Jun 2	268.0	68.5	0.0	-1.8	0.01	1159.9	59.7	8.8	0.0	0.0	268.0	0.0
1	Blw Munsey to Arco	Jun 2	228.0	0.0	0.0	-40.0	0.15	1159.9	0.0	0.0	0.0	0.0	228.0	0.0
								TOTAL	1111.0	123.0	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 2	0.0	0.0		20180101	5%
9	Howell to Chilly	Jun 2	0.0	0.0		20180101	5%
8	Chilly to Reservoir	Jun 2	0.0	0.0		20180101	5%
	Connected						
7	Mackay Reservoir	Jun 2	0.0	0.0		20180101	5%
6	Reservoir to 2B	Jun 2	0.0	0.0		20180101	5%
5	2B to Leslie	Jun 2	0.0	0.0		20180101	5%
4	Leslie to Moore	Jun 2	48.6	88.0		20180101	5%
2	Moore to blw Munsey	Jun 2	0.3	1.5		20180101	5%
1	Blw Munsey to Arco	Jun 2	0.0	40.0		20180101	5%
		TOTAL	48.9	129.4	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	209.5
2	18810630	1.7	294.0	111.3
3	18880601	3.2	556.5	209.5
4	18960601	6.4	1113.0	418.9
5	19020301	0.8	140.0	52.4
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	19237.7
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	64090.1

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28770.0	28860.0	90.0	45.4	1.6

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	20239.1
Total Storage Loss	-13543.1
Total Storage Deliver	-6308.3
Total Evaporation	-398.7
Accounting Balance	28859.0
Current Res Content	28860.0
Storage Balance Error	-1.0

DAILY STORAGE BALANCE

28770.0	Reservoir Content Previous Day [ac-ft]
28860.0	Reservoir Content Current Day [ac-ft]
90.0	Physical Change in Storage [ac-ft]
1046.1	Storage Allocated to Mackay Reservoir [ac-ft]
-709.1	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-88.0	Leslie to Moore [cfs]
-1.5	Moore blw Munsey [cfs]
-40.0	blw Munsey to Arco Gage [cfs]
-228.0	Past Arco Gage [cfs]
-244.0	Storage Delivered [ac-ft]
9.8	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
12.7	2B to Leslie [cfs]
91.6	Leslie to Moore [cfs]
8.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-3.2	Evaporation [ac-ft]
89.8	Accounting Change in Storage [ac-ft]
-0.2	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

910.7	Gain in/above Mackay Reservoir [cfs]
45.6	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
956.3	Total Available Natural Flow [cfs]
527.4	Reservoir Rights Diverted [cfs]
48.9	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
48.6	Leslie to Moore [cfs]
0.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
379.9	Natural Flow Delivered [cfs]
-9.8	Above Reservoir Storage Use [cfs]
9.6	Reservoir to 2B [cfs]
175.9	2B to Leslie [cfs]
144.5	Leslie to Moore [cfs]
59.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
956.2	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	10.3	515
Eastside Felton Wier +	30.2	1510
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	40.5	2025
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	70.5	3523
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.2	110
Island Wanstrom David +	0.0	0
Eastside OUT	23.1	1155
Total Out	100.6	5028

Abbreviated Reach Delivery Factor 2.48
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 466.0%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 23.1 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 5.0 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 68.2%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 7.3 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 75.7 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 240.0%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 318.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 2, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.8	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.1	0.0	0.1	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	9.7	0.1	11.6
9	BITTON	6.1	0.0	0.1	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	9.2	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	19.1	0.0	147.1
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	62.6	9.2	514.6
9	NEILSEN	46.5	4.0	174.6	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	92.9	3.5	749.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	14.0	0.0	0.0
9	CHILLY	46.4	0.0	0.0	8	Broken River Pum	3.0	0.0	3.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	5.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	8.2	0.2	98.2
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	4.0	4.0	55.5
8	Donahue 1	0.9	0.8	52.4	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	39.7
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.0	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	8.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	146.2	32.6	1698.3
8	Mtn. Springs 1	5.0	5.0	115.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	75.7	54.7	2863.2
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	30.5	8.8	258.5
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	38.0	0.0	190.7
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	132.9	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 02, 2019	2.31	2.31	2.31	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 02, 2019	2.89	2.89	2.89	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 02, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 02, 2019	0.59	0.59	0.59	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 02, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 02, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 02, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 02, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 02, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jun 02, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 02, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 02, 2019	3.00	3.00	3.00	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 02, 2019	0.79	0.98	0.79	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 02, 2019	0.27	0.34	0.27	100.0%
18830601	221	855	MOORE	13132050	4	Jun 02, 2019	1.60	1.98	1.60	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 02, 2019	1.73	2.14	1.73	100.0%
18830810	96	449	MOORE	13132050	4	Jun 02, 2019	0.48	0.59	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jun 02, 2019	0.18	0.22	0.18	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	0.43	0.53	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	0.21	0.26	0.21	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	0.21	0.26	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 02, 2019	1.64	2.03	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 02, 2019	0.14	0.17	0.14	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 02, 2019	0.18	0.18	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 02, 2019	0.07	0.07	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 02, 2019	0.98	0.98	0.98	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 02, 2019	1.10	1.10	1.10	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 02, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 02, 2019	0.55	0.55	0.55	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 02, 2019	0.79	0.79	0.79	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 02, 2019	0.50	0.50	0.50	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 02, 2019	0.21	0.21	0.21	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 02, 2019	1.92	1.92	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 02, 2019	1.46	1.46	1.46	100.0%
18840422	347	938	SHARP	13126500	6	Jun 02, 2019	3.02	3.02	3.02	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 02, 2019	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 02, 2019	0.64	0.64	0.64	100.0%
18840430	141	1365	BECK	13130525	4	Jun 02, 2019	1.00	1.24	1.00	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 02, 2019	0.40	0.40	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 02, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 02, 2019	1.80	1.80	1.80	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 02, 2019	0.78	0.97	0.78	100.0%
18840520	263	394	MOORE	13132050	4	Jun 02, 2019	0.22	0.27	0.22	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 02, 2019	1.39	1.72	1.39	100.0%
18840520	96	451	MOORE	13132050	4	Jun 02, 2019	0.58	0.72	0.58	100.0%
18840520	113	585	MOORE	13132050	4	Jun 02, 2019	0.11	0.14	0.11	100.0%
18840520	14	2002	MOORE	13132050	4	Jun 02, 2019	0.02	0.02	0.02	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 02, 2019	0.90	1.11	0.90	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 02, 2019	0.70	0.87	0.70	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 02, 2019	2.24	2.77	2.24	100.0%
18840520	14	2061	MOORE	13132050	4	Jun 02, 2019	0.04	0.05	0.04	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 02, 2019	0.01	0.01	0.01	100.0%
18840520	427	1	MOORE	13132050	4	Jun 02, 2019	1.46	1.81	1.46	100.0%
18840520	433	271	MOORE	13132050	4	Jun 02, 2019	0.54	0.67	0.54	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 02, 2019	0.72	0.72	0.72	100.0%
18840601	96	453	MOORE	13132050	4	Jun 02, 2019	0.21	0.26	0.21	100.0%
18840601	263	395	MOORE	13132050	4	Jun 02, 2019	0.08	0.10	0.08	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 02, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 02, 2019	0.27	0.27	0.27	100.0%

18840601	623	2182	BURNETT	13127750	5	Jun 02, 2019	0.33	0.33	0.33	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 02, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jun 02, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 02, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 02, 2019	0.80	0.80	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jun 02, 2019	0.76	0.94	0.76	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 02, 2019	0.80	0.99	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 02, 2019	1.20	1.49	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 02, 2019	1.20	1.49	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jun 02, 2019	0.80	0.99	0.80	100.0%
18840831	533	421	MOORE	13132050	4	Jun 02, 2019	0.14	0.17	0.14	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	0.40	0.50	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	0.44	0.54	0.44	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jun 02, 2019	1.31	1.62	1.31	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	0.40	0.50	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 02, 2019	3.20	3.96	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 02, 2019	1.74	1.74	1.74	100.0%
18841012	205	2067	BECK	13130525	4	Jun 02, 2019	1.76	2.18	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 02, 2019	0.89	1.10	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 02, 2019	1.25	1.55	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Jun 02, 2019	0.58	0.72	0.58	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 02, 2019	0.74	0.74	0.74	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 02, 2019	2.78	2.78	2.78	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 02, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 02, 2019	0.72	0.72	0.72	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jun 02, 2019	0.26	0.26	0.26	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 02, 2019	1.20	1.20	1.20	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 02, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jun 02, 2019	0.80	0.80	0.80	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 02, 2019	1.65	1.65	1.65	100.0%
18850501	423	87	ARCO	13132365	2	Jun 02, 2019	0.20	0.25	0.20	100.0%
18850501	426	887	ARCO	13132365	2	Jun 02, 2019	0.64	0.80	0.64	100.0%
18850501	423	186	ARCO	13132365	2	Jun 02, 2019	0.26	0.32	0.26	100.0%
18850501	468	59	ARCO	13132365	2	Jun 02, 2019	0.74	0.92	0.74	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 02, 2019	0.24	0.30	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 02, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	0.20	0.25	0.20	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	0.20	0.25	0.20	100.0%
18850530	484	1718	BURNETT	13127750	5	Jun 02, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 02, 2019	0.11	0.11	0.11	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 02, 2019	1.37	1.37	1.37	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 02, 2019	0.19	0.19	0.19	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 02, 2019	1.56	1.93	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jun 02, 2019	0.04	0.05	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	2.88	3.56	2.88	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 02, 2019	3.20	3.20	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jun 02, 2019	0.92	0.92	0.92	100.0%
18850601	205	2064	BECK	13130525	4	Jun 02, 2019	0.24	0.30	0.24	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 02, 2019	1.31	1.31	1.31	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 02, 2019	1.54	1.54	1.54	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 02, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 02, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 02, 2019	0.54	0.54	0.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 02, 2019	3.60	4.48	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Jun 02, 2019	1.54	1.92	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 02, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 02, 2019	2.80	3.47	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 02, 2019	1.20	1.49	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 02, 2019	4.56	5.64	4.56	100.0%
18860512	263	398	MOORE	13132050	4	Jun 02, 2019	0.18	0.22	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jun 02, 2019	0.48	0.59	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	1.77	2.19	1.77	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 02, 2019	2.40	2.97	2.40	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	1.60	1.98	1.60	100.0%

18860601	357	1288	BURNETT	13127750	5	Jun 02, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 02, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 02, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	1.00	1.24	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 02, 2019	0.60	0.60	0.60	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 02, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 02, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jun 02, 2019	0.52	0.52	0.52	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 02, 2019	0.84	1.05	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 02, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 02, 2019	0.98	0.98	0.98	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 02, 2019	0.34	0.34	0.34	100.0%
18870313	459	338	MOORE	13132050	4	Jun 02, 2019	0.42	0.52	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jun 02, 2019	0.65	0.80	0.65	100.0%
18870313	433	683	MOORE	13132050	4	Jun 02, 2019	0.70	0.87	0.70	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 02, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 02, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 02, 2019	2.66	3.31	2.66	100.0%
18870601	423	76	ARCO	13132365	2	Jun 02, 2019	0.22	0.27	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 02, 2019	0.32	0.40	0.32	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 02, 2019	2.20	2.72	2.20	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 02, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 02, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jun 02, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 02, 2019	1.07	1.07	1.07	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 02, 2019	1.33	1.33	1.33	100.0%
18870630	236	1428	BECK	13130525	4	Jun 02, 2019	0.36	0.45	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 02, 2019	0.60	0.60	0.60	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 02, 2019	0.97	0.97	0.97	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 02, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 02, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jun 02, 2019	0.33	0.41	0.33	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jun 02, 2019	0.06	0.06	0.06	100.0%
18880601	347	1973	SHARP	13126500	6	Jun 02, 2019	0.18	0.18	0.18	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 02, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 02, 2019	0.53	0.53	0.53	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 02, 2019	0.67	0.67	0.67	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 02, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 02, 2019	0.40	0.50	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 02, 2019	1.45	1.45	1.45	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 02, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 02, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 02, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	KENT	13120605	9	Jun 02, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 02, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 02, 2019	0.83	0.83	0.83	100.0%
18890601	441	205	MOORE	13132050	4	Jun 02, 2019	0.97	1.20	0.97	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 02, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 02, 2019	0.70	0.70	0.70	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 02, 2019	2.30	2.30	2.30	100.0%
18900601	426	756	ARCO	13132365	2	Jun 02, 2019	0.57	0.71	0.57	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 02, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 02, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 02, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 02, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 02, 2019	0.24	0.24	0.24	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 02, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 02, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 02, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jun 02, 2019	0.22	0.27	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 02, 2019	0.30	0.37	0.30	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 02, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	Jun 02, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	KENT	13120605	9	Jun 02, 2019	0.03	0.03	0.03	100.0%

18931101	2610	2096	KENT	13120605	9	Jun 02, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 02, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 02, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 02, 2019	0.60	0.60	0.60	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 02, 2019	0.40	0.40	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 02, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 02, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 02, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 02, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 02, 2019	3.20	3.98	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jun 02, 2019	0.15	0.19	0.15	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 02, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 02, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 02, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jun 02, 2019	0.10	0.12	0.10	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	0.80	0.99	0.80	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 02, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 02, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jun 02, 2019	2.46	3.05	2.46	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 02, 2019	1.60	1.60	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 02, 2019	1.50	1.50	1.50	100.0%
18960601	263	397	MOORE	13132050	4	Jun 02, 2019	0.35	0.43	0.35	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 02, 2019	0.40	0.50	0.40	100.0%
18960601	459	993	MOORE	13132050	4	Jun 02, 2019	0.40	0.50	0.40	100.0%
18960601	417	992	MOORE	13132050	4	Jun 02, 2019	1.20	1.49	1.20	100.0%
18960601	417	381	MOORE	13132050	4	Jun 02, 2019	2.40	2.97	2.40	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 02, 2019	2.40	2.97	2.40	100.0%
18960601	533	424	MOORE	13132050	4	Jun 02, 2019	0.11	0.14	0.11	100.0%
18960601	96	461	MOORE	13132050	4	Jun 02, 2019	0.73	0.90	0.73	100.0%
18960601	263	399	MOORE	13132050	4	Jun 02, 2019	0.27	0.33	0.27	100.0%
18960601	441	207	MOORE	13132050	4	Jun 02, 2019	1.00	1.24	1.00	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 02, 2019	1.57	1.94	1.57	100.0%
18960601	96	457	MOORE	13132050	4	Jun 02, 2019	0.92	1.14	0.92	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jun 02, 2019	0.41	0.51	0.41	100.0%
18960601	634	1547	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	0.06	0.07	0.06	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	0.04	0.04	0.04	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 02, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 02, 2019	2.00	2.49	2.00	100.0%
18960901	437	671	ARCO	13132365	2	Jun 02, 2019	0.13	0.16	0.13	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 02, 2019	0.80	1.00	0.80	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 02, 2019	4.40	5.47	4.40	100.0%
18970510	437	664	ARCO	13132365	2	Jun 02, 2019	1.00	1.24	1.00	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jun 02, 2019	0.15	0.15	0.15	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 02, 2019	2.00	2.00	2.00	100.0%
18970601	533	427	MOORE	13132050	4	Jun 02, 2019	0.03	0.04	0.03	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 02, 2019	0.70	0.70	0.70	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jun 02, 2019	0.13	0.16	0.13	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 02, 2019	1.20	1.20	1.20	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	0.65	0.80	0.65	100.0%
18980601	634	1548	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	1.22	1.51	1.22	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	0.65	0.80	0.65	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 02, 2019	0.09	0.09	0.09	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 02, 2019	0.11	0.11	0.11	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 02, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 02, 2019	0.50	0.50	0.50	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 02, 2019	0.21	0.26	0.21	100.0%
18990327	113	584	MOORE	13132050	4	Jun 02, 2019	0.03	0.04	0.03	100.0%
18990327	14	2062	MOORE	13132050	4	Jun 02, 2019	0.01	0.01	0.01	100.0%
18990327	433	272	MOORE	13132050	4	Jun 02, 2019	0.27	0.33	0.27	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 02, 2019	0.01	0.01	0.01	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 02, 2019	2.60	3.24	2.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 02, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 02, 2019	0.60	0.60	0.60	100.0%

18991001	279	2122	Anderson	13120745	9	Jun 02, 2019	1.03	1.03	1.03	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 02, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 02, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 02, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	0.20	0.25	0.20	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 02, 2019	3.20	3.20	3.20	100.0%
19010901	459	684	MOORE	13132050	4	Jun 02, 2019	0.35	0.43	0.35	100.0%
19010901	459	340	MOORE	13132050	4	Jun 02, 2019	0.23	0.28	0.23	100.0%
19011001	96	455	MOORE	13132050	4	Jun 02, 2019	0.12	0.15	0.12	100.0%
19011001	263	396	MOORE	13132050	4	Jun 02, 2019	0.14	0.17	0.14	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 02, 2019	0.79	0.98	0.79	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 02, 2019	2.60	2.60	2.60	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	0.20	0.25	0.20	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	0.20	0.25	0.20	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jun 02, 2019	0.26	0.32	0.26	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 02, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 02, 2019	0.90	0.90	0.90	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 02, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 02, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 02, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 02, 2019	3.40	3.40	3.40	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 02, 2019	0.80	0.80	0.80	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 02, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 02, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 02, 2019	2.70	3.34	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jun 02, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Jun 02, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 02, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 02, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jun 02, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 02, 2019	2.43	2.43	2.43	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 02, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 02, 2019	0.30	0.30	0.30	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 02, 2019	0.49	0.49	0.49	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 02, 2019	0.40	0.40	0.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 02, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 02, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 02, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 02, 2019	1.60	1.98	1.60	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 02, 2019	0.76	0.76	0.76	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 02, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 02, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 02, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 02, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 02, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jun 02, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	KENT	13120605	9	Jun 02, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 02, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	BITTON	13120735	9	Jun 02, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 02, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 02, 2019	0.45	0.45	0.45	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 02, 2019	0.61	0.61	0.61	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 02, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 02, 2019	0.65	0.65	0.65	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 02, 2019	0.27	0.27	0.27	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 02, 2019	1.30	1.30	1.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 02, 2019	0.10	0.10	0.10	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 02, 2019	0.12	0.12	0.12	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 02, 2019	3.00	3.00	3.00	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 02, 2019	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 02, 2019	0.30	0.30	0.30	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 02, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 02, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 02, 2019	0.20	0.20	0.20	100.0%

19050905	629	1499	HOWELL	13120490	10	Jun 02, 2019	2.58	2.58	2.58	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 02, 2019	0.42	0.42	0.42	99.5%
19070711	2610	2094	KENT	13120605	9	Jun 02, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	KENT	13120605	9	Jun 02, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	Jun 02, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 02, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	BITTON	13120735	9	Jun 02, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 02, 2019	0.55	0.55	0.55	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 02, 2019	0.16	0.16	0.16	100.0%
19081207	459	344	MOORE	13132050	4	Jun 02, 2019	0.33	0.41	0.33	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 02, 2019	0.50	0.62	0.50	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jun 02, 2019	0.82	0.82	0.82	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 02, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 02, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 02, 2019	2.40	2.40	2.40	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 02, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 02, 2019	0.78	0.78	0.78	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 02, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 02, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 02, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 02, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 02, 2019	1.50	1.50	1.50	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 02, 2019	1.50	1.50	1.50	100.0%
19130517	170	1416	MOORE	13132050	4	Jun 02, 2019	0.80	0.99	0.80	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 02, 2019	1.60	1.60	1.60	100.0%
19140103	59	2233	KENT	13120605	9	Jun 02, 2019	0.53	0.53	0.53	100.0%
19140103	2610	2092	KENT	13120605	9	Jun 02, 2019	0.73	0.73	0.73	100.0%
19140103	59	1361	KENT	13120605	9	Jun 02, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jun 02, 2019	0.53	0.53	0.53	100.0%
19140103	2610	2092	BITTON	13120735	9	Jun 02, 2019	0.73	0.73	0.73	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 02, 2019	0.04	0.04	0.04	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 02, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 02, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 02, 2019	0.18	0.18	0.18	100.0%
19150504	373	434	CHILLY	13121105	9	Jun 02, 2019	0.22	0.22	0.22	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 02, 2019	0.22	0.22	0.22	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 02, 2019	0.10	0.10	0.10	100.0%
19160212	682	1054	NEILSEN	13120805	9	Jun 02, 2019	0.03	0.03	0.03	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 02, 2019	1.50	1.50	1.50	100.0%
19160501	129	2128	CHILLY	13121105	9	Jun 02, 2019	1.71	1.71	1.71	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 02, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 02, 2019	1.76	1.76	1.76	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 02, 2019	0.17	0.17	0.17	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 02, 2019	3.16	3.16	3.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 02, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 02, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 02, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 02, 2019	0.50	0.62	0.50	100.0%
19280501	12	165	MOORE	13132050	4	Jun 02, 2019	0.32	0.40	0.32	100.0%
19600501	90	175	MOORE	13132050	4	Jun 02, 2019	0.44	0.54	0.44	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 02, 2019	4.40	5.47	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 02, 2019	16.00	19.91	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jun 02, 2019	0.30	0.37	0.30	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 02, 2019	0.82	1.01	0.82	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 02, 2019	52.54	65.03	52.54	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 02, 2019	8.70	10.83	8.70	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jun 02, 2019	3.90	4.85	3.06	78.5%
19950411	476	1273	BECK	13130525	4	Jun 02, 2019	3.00	3.71	3.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 02, 2019	8.64	8.64	8.64	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 02, 2019	40.48	40.48	40.48	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 02, 2019	64.32	64.32	64.32	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 02, 2019	14.00	14.00	14.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 02, 2019	4.76	4.76	4.76	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jun 02, 2019	2.85	2.85	2.85	100.0%

19950411	476	1273	CHILLY	13121105	9	Jun 02, 2019	5.00	5.00	5.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 02, 2019	9969.40	9969.40	512.08	5.1%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 3, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 3	1500.0	4.8	0.0	1504.8	0.00	1504.8	4.8	0.0	0.0	1500.0	0.0	0.0
9	Howell to Chilly	Jun 3	0.0	124.3	0.0	-1375.7	1.00	129.1	120.3	4.0	0.0	4.0	-4.0	0.0
8	Chilly to Reservoir	* Jun 3	1027.7	74.5	0.0	1102.2	0.00	1231.3	68.7	5.9	0.0	1037.5	-9.8	0.0
	Connected													
7	Mackay Reservoir	* Jun 3	864.7	0.0	0.0	0.0	0.00	1291.0	629.4		0.0	408.1	456.6	0.0
6	Reservoir to 2B	Jun 3	855.0	9.7	0.0	0.0	0.00	1231.3	9.6	0.1	0.0	398.5	456.5	0.0
5	2B to Leslie	Jun 3	718.0	196.7	0.0	59.7	0.00	1291.0	191.6	5.1	0.0	266.6	451.4	0.0
4	Leslie to Moore	Jun 3	340.0	241.3	0.0	-136.7	0.19	1291.0	149.6	91.7	0.0	66.2	273.7	0.0
2	Moore to blw Munsey	Jun 3	239.0	69.5	0.0	-31.5	0.09	1291.0	60.1	9.4	0.0	0.0	239.0	0.0
1	Blw Munsey to Arco	Jun 3	230.0	0.0	0.0	-9.0	0.04	1291.0	0.0	0.0	0.0	0.0	230.0	0.0
								TOTAL	1234.1	116.2	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 3	0.0	0.0		20180101	6%
9	Howell to Chilly	Jun 3	0.0	0.0		20180101	6%
8	Chilly to Reservoir	Jun 3	0.0	0.0		20180101	6%
	Connected						
7	Mackay Reservoir	Jun 3	0.0	0.0		20180101	6%
6	Reservoir to 2B	Jun 3	0.0	0.0		20180101	6%
5	2B to Leslie	Jun 3	0.0	0.0		20180101	6%
4	Leslie to Moore	Jun 3	50.8	85.9		20180101	6%
2	Moore to blw Munsey	Jun 3	6.1	25.3		20180101	6%
1	Blw Munsey to Arco	Jun 3	0.0	9.0		20180101	6%
	TOTAL		56.9	120.3	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	215.8
2	18810630	1.7	294.0	114.6
3	18880601	3.2	556.5	215.8
4	18960601	6.4	1113.0	431.6
5	19020301	0.8	140.0	54.0
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	20455.6
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	65338.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28860.0	29180.0	320.0	161.3	1.6

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	21487.5
Total Storage Loss	-14237.7
Total Storage Deliver	-6538.8
Total Evaporation	-401.9
Accounting Balance	29179.0
Current Res Content	29180.0
Storage Balance Error	-1.0

DAILY STORAGE BALANCE

```
 28860.0 Reservoir Content Previous Day [ac-ft]
 29180.0 Reservoir Content Current Day [ac-ft]
   320.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------
          1248.3 Storage Allocated to Mackay Reservoir [ac-ft]

          -694.6 Stored Flow Losses [ac-ft]
                   0.0 2B to Leslie [cfs]
                 -85.9 Leslie to Moore [cfs]
                 -25.3 Moore blw Munsey [cfs]
                  -9.0 blw Munsey to Arco Gage [cfs]
                -230.0 Past Arco Gage [cfs]

          -230.5 Storage Delivered [ac-ft]
                   9.9 Above Reservoir [cfs]
                   0.1 Reservoir to 2B [cfs]
                   5.1 2B to Leslie [cfs]
                  91.7 Leslie to Moore [cfs]
                   9.4 Moore to blw Munsey [cfs]
                   0.0 blw Munsey to Arco Gage [cfs]

            -3.2 Evaporation [ac-ft]

   320.0 Accounting Change in Storage [ac-ft]
-------------------------------------------------------
     0.0 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
  1027.7 Gain in/above Mackay Reservoir [cfs]
    59.7 Gain in Reach 5: 2-B to Leslie [cfs]
     0.0 Gain in Reach 4: Leslie to Moore [cfs]
     0.0 Gain in Reach 2: Moore to Munsey [cfs]
     0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------
  1087.4 Total Available Natural Flow [cfs]
-------------------------------------------------------
           629.4 Reservoir Rights Diverted [cfs]

            56.9 Natural Flow Losses below Reservoir [cfs]
                  0.0 2B to Leslie [cfs]
                 50.8 Leslie to Moore [cfs]
                  6.1 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]
                  0.0 Natural Flow Past Arco Gage [cfs]

           401.0 Natural Flow Delivered [cfs]
                 -9.9 Above Reservoir Storage Use [cfs]
                  9.6 Reservoir to 2B [cfs]
                191.6 2B to Leslie [cfs]
                149.6 Leslie to Moore [cfs]
                 60.1 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]

  1087.3 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------
     0.1 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.7	435
Eastside Felton Wier +	28.6	1430
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	37.3	1865
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	66.9	3344
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	2.0	100
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.4	122
Island Wanstrom David +	0.0	0
Eastside OUT	21.3	1065
Total Out	99.4	4969

Abbreviated Reach Delivery Factor Total Out Divided By Total In	2.66

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 479.5%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 21.3 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 4.4 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 63.9%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 7.0 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 76.0 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 227.9%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 306.3%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 3, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.8	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.1	0.0	0.1	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	9.7	0.1	11.8
9	BITTON	6.1	0.0	0.1	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	9.2	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	26.1	0.0	147.1
9	Thalman Hunter D	0.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	63.2	0.4	515.4
9	NEILSEN	46.5	4.0	182.4	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	93.4	4.7	758.8
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	14.0	0.0	0.0
9	CHILLY	46.4	0.0	0.0	8	Broken River Pum	3.0	0.0	3.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	5.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	9.1	1.2	100.5
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	6.0	6.0	67.4
8	Donahue 1	0.9	0.8	54.0	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	4.0	4.0	47.6
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.1	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	8.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	146.2	32.9	1763.6
8	Mtn. Springs 1	5.0	5.0	125.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	76.0	49.4	2961.3
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	33.0	9.4	277.2
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	36.5	0.0	190.7
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	142.8	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 03, 2019	2.31	2.31	2.31	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 03, 2019	2.89	2.89	2.89	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 03, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 03, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 03, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 03, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 03, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 03, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 03, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jun 03, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 03, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 03, 2019	3.00	3.00	3.00	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 03, 2019	0.27	0.34	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 03, 2019	0.79	0.98	0.79	100.0%
18830601	221	855	MOORE	13132050	4	Jun 03, 2019	1.60	1.98	1.60	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 03, 2019	1.73	2.14	1.73	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 03, 2019	0.01	0.01	0.01	100.0%
18830810	263	393	MOORE	13132050	4	Jun 03, 2019	0.18	0.22	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jun 03, 2019	0.48	0.59	0.48	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.43	0.53	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.21	0.26	0.21	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.21	0.26	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 03, 2019	1.64	2.03	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 03, 2019	0.14	0.17	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 03, 2019	1.50	1.50	1.50	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 03, 2019	0.18	0.18	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 03, 2019	0.07	0.07	0.07	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 03, 2019	1.30	1.30	1.30	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 03, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 03, 2019	0.55	0.55	0.55	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 03, 2019	1.10	1.10	1.10	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 03, 2019	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 03, 2019	1.92	1.92	1.92	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 03, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 03, 2019	0.21	0.21	0.21	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 03, 2019	0.50	0.50	0.50	100.0%
18840422	284	228	SHARP	13126500	6	Jun 03, 2019	0.13	0.13	0.13	100.0%
18840422	347	938	SHARP	13126500	6	Jun 03, 2019	2.50	2.50	2.50	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 03, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 03, 2019	0.12	0.12	0.12	100.0%
18840422	2525	1903	SHARP	13126500	6	Jun 03, 2019	0.08	0.08	0.08	100.0%
18840430	141	1365	BECK	13130525	4	Jun 03, 2019	1.00	1.24	1.00	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 03, 2019	0.86	0.86	0.86	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 03, 2019	0.77	0.77	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 03, 2019	1.23	1.23	1.23	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 03, 2019	0.40	0.40	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 03, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 03, 2019	1.80	1.80	1.80	100.0%
18840520	113	585	MOORE	13132050	4	Jun 03, 2019	0.11	0.14	0.11	100.0%
18840520	96	451	MOORE	13132050	4	Jun 03, 2019	0.58	0.72	0.58	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 03, 2019	0.01	0.01	0.01	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 03, 2019	2.24	2.77	2.24	100.0%
18840520	180	470	MOORE	13132050	4	Jun 03, 2019	0.16	0.20	0.16	100.0%
18840520	427	1	MOORE	13132050	4	Jun 03, 2019	1.46	1.80	1.46	100.0%
18840520	14	2061	MOORE	13132050	4	Jun 03, 2019	0.04	0.05	0.04	100.0%
18840520	263	394	MOORE	13132050	4	Jun 03, 2019	0.22	0.27	0.22	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 03, 2019	0.66	0.82	0.66	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 03, 2019	0.78	0.96	0.78	100.0%
18840520	242	210	MOORE	13132050	4	Jun 03, 2019	0.21	0.26	0.21	100.0%

18840520	2331	471	MOORE	13132050	4	Jun 03, 2019	1.11	1.37	1.11	100.0%
18840520	14	2002	MOORE	13132050	4	Jun 03, 2019	0.02	0.02	0.02	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 03, 2019	0.02	0.02	0.02	100.0%
18840520	433	271	MOORE	13132050	4	Jun 03, 2019	0.54	0.67	0.54	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.80	0.99	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 03, 2019	0.72	0.72	0.72	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 03, 2019	0.01	0.01	0.01	100.0%
18840601	263	395	MOORE	13132050	4	Jun 03, 2019	0.08	0.10	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Jun 03, 2019	0.21	0.26	0.21	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 03, 2019	0.16	0.20	0.16	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 03, 2019	0.40	0.40	0.40	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 03, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 03, 2019	0.27	0.27	0.27	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 03, 2019	0.37	0.37	0.37	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 03, 2019	0.40	0.40	0.40	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 03, 2019	0.23	0.23	0.23	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 03, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jun 03, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 03, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 03, 2019	0.80	0.80	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jun 03, 2019	0.80	0.99	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 03, 2019	0.80	0.99	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 03, 2019	1.20	1.48	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jun 03, 2019	0.72	0.89	0.72	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 03, 2019	1.20	1.48	1.20	100.0%
18840831	306	1694	MOORE	13132050	4	Jun 03, 2019	0.58	0.72	0.58	100.0%
18840831	533	421	MOORE	13132050	4	Jun 03, 2019	0.14	0.17	0.14	100.0%
18840831	306	1200	MOORE	13132050	4	Jun 03, 2019	0.20	0.25	0.20	100.0%
18840831	2330	422	MOORE	13132050	4	Jun 03, 2019	0.66	0.82	0.66	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.40	0.49	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jun 03, 2019	1.31	1.62	1.31	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.37	0.46	0.37	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.40	0.49	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.50	0.62	0.50	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 03, 2019	3.20	3.95	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 03, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jun 03, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jun 03, 2019	1.76	2.17	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Jun 03, 2019	0.58	0.72	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 03, 2019	1.25	1.54	1.25	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 03, 2019	0.89	1.10	0.89	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jun 03, 2019	0.40	0.40	0.40	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 03, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 03, 2019	0.72	0.72	0.72	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 03, 2019	0.74	0.74	0.74	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 03, 2019	1.20	1.20	1.20	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 03, 2019	2.00	2.00	2.00	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 03, 2019	2.78	2.78	2.78	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 03, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jun 03, 2019	0.66	0.66	0.66	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 03, 2019	1.65	1.65	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 03, 2019	2.00	2.00	2.00	100.0%
18850501	426	887	ARCO	13132365	2	Jun 03, 2019	0.64	0.87	0.64	100.0%
18850501	423	186	ARCO	13132365	2	Jun 03, 2019	0.26	0.35	0.26	100.0%
18850501	468	59	ARCO	13132365	2	Jun 03, 2019	0.74	1.01	0.74	100.0%
18850501	423	87	ARCO	13132365	2	Jun 03, 2019	0.20	0.27	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 03, 2019	0.24	0.30	0.24	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jun 03, 2019	2.00	2.47	2.00	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 03, 2019	2.80	2.80	2.80	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	1.40	1.73	1.40	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.20	0.25	0.20	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.20	0.25	0.20	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 03, 2019	0.56	0.69	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 03, 2019	0.19	0.19	0.19	100.0%

18850530	484	1718	BURNETT	13127750	5	Jun 03, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 03, 2019	0.11	0.11	0.11	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 03, 2019	1.37	1.37	1.37	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 03, 2019	1.56	1.92	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jun 03, 2019	0.04	0.05	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	2.88	3.56	2.88	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 03, 2019	3.20	3.20	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jun 03, 2019	1.62	1.62	1.62	100.0%
18850601	205	2064	BECK	13130525	4	Jun 03, 2019	0.24	0.30	0.24	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 03, 2019	1.31	1.31	1.31	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 03, 2019	1.54	1.54	1.54	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 03, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 03, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 03, 2019	0.54	0.54	0.54	100.0%
18851002	437	62	ARCO	13132365	2	Jun 03, 2019	1.54	2.10	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 03, 2019	3.60	4.90	3.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 03, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 03, 2019	2.80	3.46	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 03, 2019	1.20	1.48	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 03, 2019	4.56	5.63	4.56	100.0%
18860512	263	398	MOORE	13132050	4	Jun 03, 2019	0.18	0.22	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 03, 2019	0.01	0.01	0.01	100.0%
18860512	96	459	MOORE	13132050	4	Jun 03, 2019	0.48	0.59	0.48	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 03, 2019	2.40	2.96	2.40	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	1.60	1.98	1.60	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	1.00	1.24	1.00	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 03, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 03, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 03, 2019	0.80	0.80	0.80	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.20	0.25	0.20	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	1.00	1.24	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 03, 2019	0.60	0.60	0.60	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 03, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jun 03, 2019	0.52	0.52	0.52	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 03, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 03, 2019	0.84	1.14	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 03, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 03, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 03, 2019	1.26	1.26	1.26	100.0%
18870313	433	683	MOORE	13132050	4	Jun 03, 2019	0.70	0.86	0.70	100.0%
18870313	459	338	MOORE	13132050	4	Jun 03, 2019	0.42	0.52	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jun 03, 2019	0.65	0.80	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 03, 2019	1.05	1.05	1.05	100.0%
18870313	73	2029	BURNETT	13127750	5	Jun 03, 2019	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 03, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 03, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 03, 2019	2.66	3.62	2.66	100.0%
18870601	423	76	ARCO	13132365	2	Jun 03, 2019	0.22	0.30	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 03, 2019	0.32	0.44	0.32	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 03, 2019	2.44	3.01	2.44	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 03, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jun 03, 2019	0.53	0.53	0.53	100.0%
18870601	73	2022	BURNETT	13127750	5	Jun 03, 2019	0.22	0.22	0.22	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 03, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 03, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jun 03, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 03, 2019	1.07	1.07	1.07	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 03, 2019	1.33	1.33	1.33	100.0%
18870630	236	1428	BECK	13130525	4	Jun 03, 2019	0.36	0.44	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 03, 2019	0.60	0.60	0.60	100.0%
18870801	623	2203	BURNETT	13127750	5	Jun 03, 2019	0.13	0.13	0.13	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 03, 2019	0.97	0.97	0.97	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 03, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 03, 2019	0.43	0.43	0.43	100.0%

18880601	437	670	ARCO	13132365	2	Jun 03, 2019	0.33	0.45	0.33	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jun 03, 2019	0.50	0.50	0.50	100.0%
18880601	347	1973	SHARP	13126500	6	Jun 03, 2019	0.84	0.84	0.84	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 03, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 03, 2019	0.53	0.53	0.53	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 03, 2019	0.67	0.67	0.67	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 03, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 03, 2019	0.40	0.54	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 03, 2019	1.45	1.45	1.45	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 03, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 03, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 03, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	KENT	13120605	9	Jun 03, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 03, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 03, 2019	0.83	0.83	0.83	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 03, 2019	1.12	1.39	1.12	100.0%
18890601	441	205	MOORE	13132050	4	Jun 03, 2019	0.97	1.20	0.97	100.0%
18890601	322	968	BURNETT	13127750	5	Jun 03, 2019	0.80	0.80	0.80	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 03, 2019	2.30	2.30	2.30	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 03, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 03, 2019	0.70	0.70	0.70	100.0%
18900601	426	756	ARCO	13132365	2	Jun 03, 2019	0.57	0.78	0.57	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 03, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 03, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 03, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 03, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 03, 2019	1.76	1.76	1.76	100.0%
18910630	322	1247	BURNETT	13127750	5	Jun 03, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 03, 2019	5.20	5.20	5.20	100.0%
18920101	2615	1643	MOORE	13132050	4	Jun 03, 2019	0.92	1.14	0.92	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 03, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 03, 2019	1.45	1.45	1.45	100.0%
18930201	158	538	MOORE	13132050	4	Jun 03, 2019	0.03	0.04	0.03	100.0%
18930201	417	380	MOORE	13132050	4	Jun 03, 2019	0.22	0.27	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 03, 2019	0.30	0.37	0.30	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 03, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	Jun 03, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	KENT	13120605	9	Jun 03, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 03, 2019	0.58	0.58	0.58	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 03, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 03, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 03, 2019	0.03	0.03	0.03	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 03, 2019	2.80	2.80	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 03, 2019	0.40	0.40	0.40	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 03, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 03, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 03, 2019	2.98	2.98	2.98	100.0%
18940601	417	379	MOORE	13132050	4	Jun 03, 2019	0.15	0.19	0.15	100.0%
18940601	158	536	MOORE	13132050	4	Jun 03, 2019	0.02	0.02	0.02	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 03, 2019	0.08	0.08	0.08	100.0%
18940601	2525	1904	SHARP	13126500	6	Jun 03, 2019	0.06	0.06	0.06	100.0%
18940601	284	229	SHARP	13126500	6	Jun 03, 2019	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 03, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 03, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	Jun 03, 2019	0.76	0.94	0.76	100.0%
18950601	158	534	MOORE	13132050	4	Jun 03, 2019	0.01	0.01	0.01	100.0%
18950601	242	212	MOORE	13132050	4	Jun 03, 2019	0.11	0.14	0.11	100.0%
18950601	417	378	MOORE	13132050	4	Jun 03, 2019	0.10	0.12	0.10	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.40	0.49	0.40	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 03, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 03, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jun 03, 2019	2.28	2.82	2.28	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 03, 2019	1.60	1.60	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 03, 2019	1.50	1.50	1.50	100.0%

18960601	263	399	MOORE	13132050	4	Jun 03, 2019	0.27	0.33	0.27	100.0%
18960601	263	397	MOORE	13132050	4	Jun 03, 2019	0.35	0.43	0.35	100.0%
18960601	459	993	MOORE	13132050	4	Jun 03, 2019	0.40	0.49	0.40	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 03, 2019	1.57	1.94	1.57	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 03, 2019	0.40	0.49	0.40	100.0%
18960601	306	1695	MOORE	13132050	4	Jun 03, 2019	0.44	0.54	0.44	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 03, 2019	2.40	2.96	2.40	100.0%
18960601	158	540	MOORE	13132050	4	Jun 03, 2019	0.32	0.40	0.32	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 03, 2019	0.02	0.02	0.02	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 03, 2019	0.03	0.04	0.03	100.0%
18960601	533	424	MOORE	13132050	4	Jun 03, 2019	0.11	0.14	0.11	100.0%
18960601	96	461	MOORE	13132050	4	Jun 03, 2019	0.61	0.75	0.61	100.0%
18960601	96	457	MOORE	13132050	4	Jun 03, 2019	0.92	1.14	0.92	100.0%
18960601	441	207	MOORE	13132050	4	Jun 03, 2019	1.00	1.24	1.00	100.0%
18960601	417	992	MOORE	13132050	4	Jun 03, 2019	1.20	1.48	1.20	100.0%
18960601	417	381	MOORE	13132050	4	Jun 03, 2019	2.40	2.96	2.40	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jun 03, 2019	0.41	0.51	0.41	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.04	0.04	0.04	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.04	0.04	0.04	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jun 03, 2019	0.70	0.86	0.70	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 03, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 03, 2019	1.90	2.59	1.90	100.0%
18960901	437	671	ARCO	13132365	2	Jun 03, 2019	0.13	0.18	0.13	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 03, 2019	0.51	0.69	0.51	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 03, 2019	4.40	5.99	4.40	100.0%
18960928	15	80	MUNSEY	13132375	2	Jun 03, 2019	2.33	3.17	2.33	100.0%
18960928	319	1175	MUNSEY	13132375	2	Jun 03, 2019	0.07	0.09	0.07	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 03, 2019	0.80	1.09	0.80	100.0%
18970510	437	664	ARCO	13132365	2	Jun 03, 2019	0.82	1.12	0.82	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jun 03, 2019	0.35	0.35	0.35	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 03, 2019	2.00	2.00	2.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 03, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jun 03, 2019	0.16	0.20	0.16	100.0%
18970601	533	427	MOORE	13132050	4	Jun 03, 2019	0.01	0.01	0.01	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 03, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jun 03, 2019	0.22	0.27	0.22	100.0%
18970615	306	1697	MOORE	13132050	4	Jun 03, 2019	0.16	0.20	0.16	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jun 03, 2019	0.13	0.16	0.13	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jun 03, 2019	0.24	0.30	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 03, 2019	1.20	1.20	1.20	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.65	0.80	0.65	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.65	0.80	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jun 03, 2019	1.20	1.20	1.20	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 03, 2019	0.09	0.09	0.09	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 03, 2019	0.11	0.11	0.11	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 03, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 03, 2019	0.50	0.50	0.50	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 03, 2019	0.01	0.01	0.01	100.0%
18990327	433	272	MOORE	13132050	4	Jun 03, 2019	0.09	0.11	0.09	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 03, 2019	0.21	0.26	0.21	100.0%
18990327	14	2062	MOORE	13132050	4	Jun 03, 2019	0.01	0.01	0.01	100.0%
18990327	113	584	MOORE	13132050	4	Jun 03, 2019	0.03	0.04	0.03	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 03, 2019	2.80	3.81	2.80	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 03, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 03, 2019	2.74	2.74	2.74	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jun 03, 2019	0.80	1.09	0.80	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 03, 2019	1.03	1.03	1.03	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 03, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 03, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 03, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.20	0.25	0.20	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 03, 2019	3.20	3.20	3.20	100.0%
19010901	319	1512	MUNSEY	13132375	2	Jun 03, 2019	0.37	0.51	0.37	100.0%
19010901	459	340	MOORE	13132050	4	Jun 03, 2019	0.23	0.28	0.23	100.0%

19010901	459	684	MOORE	13132050	4	Jun 03, 2019	0.35	0.43	0.35	100.0%
19011001	263	396	MOORE	13132050	4	Jun 03, 2019	0.14	0.17	0.14	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 03, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 03, 2019	0.79	1.08	0.79	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 03, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.20	0.25	0.20	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.20	0.25	0.20	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.28	0.35	0.28	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 03, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 03, 2019	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 03, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 03, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 03, 2019	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 03, 2019	3.40	3.40	3.40	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 03, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 03, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 03, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 03, 2019	2.70	3.33	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jun 03, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Jun 03, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 03, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 03, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jun 03, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 03, 2019	2.43	2.43	2.43	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 03, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 03, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 03, 2019	0.30	0.30	0.30	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 03, 2019	0.40	0.40	0.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 03, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 03, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 03, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 03, 2019	1.60	1.98	1.60	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 03, 2019	0.76	0.76	0.76	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 03, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 03, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 03, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 03, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 03, 2019	0.13	0.13	0.13	100.0%
19050501	59	2145	KENT	13120605	9	Jun 03, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 03, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	KENT	13120605	9	Jun 03, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 03, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 03, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	BITTON	13120735	9	Jun 03, 2019	0.02	0.02	0.02	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 03, 2019	0.61	0.61	0.61	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 03, 2019	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 03, 2019	0.30	0.30	0.30	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 03, 2019	0.27	0.27	0.27	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 03, 2019	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 03, 2019	1.30	1.30	1.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 03, 2019	0.10	0.10	0.10	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 03, 2019	0.12	0.12	0.12	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 03, 2019	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 03, 2019	0.82	0.82	0.82	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 03, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 03, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 03, 2019	0.20	0.20	0.20	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 03, 2019	2.58	2.58	2.58	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 03, 2019	0.35	0.35	0.35	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 03, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	KENT	13120605	9	Jun 03, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	Jun 03, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 03, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	BITTON	13120735	9	Jun 03, 2019	0.03	0.03	0.03	100.0%

19070711	59	2146	BITTON	13120735	9	Jun 03, 2019	0.55	0.55	0.55	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 03, 2019	0.16	0.16	0.16	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 03, 2019	0.50	0.62	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 03, 2019	0.33	0.41	0.33	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jun 03, 2019	0.82	0.82	0.82	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 03, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 03, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 03, 2019	2.40	2.40	2.40	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 03, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 03, 2019	0.78	0.78	0.78	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 03, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 03, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 03, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 03, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 03, 2019	1.50	1.50	1.50	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 03, 2019	1.50	1.50	1.50	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 03, 2019	0.13	0.16	0.13	100.0%
19130517	170	1416	MOORE	13132050	4	Jun 03, 2019	0.80	0.99	0.80	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 03, 2019	1.60	1.60	1.60	100.0%
19140103	59	1361	KENT	13120605	9	Jun 03, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	KENT	13120605	9	Jun 03, 2019	0.53	0.53	0.53	100.0%
19140103	2610	2092	KENT	13120605	9	Jun 03, 2019	0.73	0.73	0.73	100.0%
19140103	2610	2092	BITTON	13120735	9	Jun 03, 2019	0.73	0.73	0.73	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 03, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jun 03, 2019	0.53	0.53	0.53	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 03, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 03, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 03, 2019	0.80	0.80	0.80	100.0%
19150504	373	434	CHILLY	13121105	9	Jun 03, 2019	0.22	0.22	0.22	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 03, 2019	0.22	0.22	0.22	100.0%
19160212	682	1054	NEILSEN	13120805	9	Jun 03, 2019	0.03	0.03	0.03	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 03, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 03, 2019	1.50	1.50	1.50	100.0%
19160501	129	2128	CHILLY	13121105	9	Jun 03, 2019	1.71	1.71	1.71	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 03, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 03, 2019	1.76	1.76	1.76	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 03, 2019	0.17	0.17	0.17	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 03, 2019	3.16	3.16	3.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 03, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 03, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 03, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 03, 2019	0.50	0.62	0.50	100.0%
19280501	12	165	MOORE	13132050	4	Jun 03, 2019	0.26	0.32	0.26	100.0%
19600501	90	175	MOORE	13132050	4	Jun 03, 2019	0.44	0.54	0.44	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 03, 2019	16.00	21.78	16.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 03, 2019	0.82	1.01	0.82	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 03, 2019	49.08	60.62	49.08	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 03, 2019	10.78	14.67	10.78	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jun 03, 2019	5.92	8.06	5.28	89.2%
19950411	476	1273	BECK	13130525	4	Jun 03, 2019	2.90	3.58	2.90	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 03, 2019	12.54	12.54	12.54	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 03, 2019	43.68	43.68	43.68	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 03, 2019	52.84	52.84	52.84	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 03, 2019	14.00	14.00	14.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 03, 2019	4.34	4.34	4.34	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jun 03, 2019	2.85	2.85	2.85	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 03, 2019	5.00	5.00	5.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 03, 2019	9969.40	9969.40	614.05	6.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 4, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 4	1890.0	4.0	0.0	1894.0	0.00	1894.0	4.0	0.0	0.0	1890.0	0.0	0.0
9	Howell to Chilly	Jun 4	0.0	133.4	0.0	-1756.6	1.00	137.4	130.3	3.1	0.0	3.1	-3.1	0.0
8	Chilly to Reservoir	* Jun 4	1300.2	67.6	0.0	1367.8	0.00	1505.2	61.4	6.2	0.0	1309.5	-9.3	0.0
	Connected													
7	Mackay Reservoir	* Jun 4	871.7	0.0	0.0	0.0	0.00	1549.9	868.4		0.0	441.2	430.5	0.0
6	Reservoir to 2B	Jun 4	862.0	9.7	0.0	0.0	0.00	1505.2	9.6	0.1	0.0	431.6	430.4	0.0
5	2B to Leslie	Jun 4	710.0	196.7	0.0	44.7	0.00	1549.9	187.6	9.1	0.0	288.7	421.3	0.0
4	Leslie to Moore	Jun 4	328.5	241.8	0.0	-139.7	0.20	1549.9	165.5	76.3	0.0	66.4	262.1	0.0
2	Moore to blw Munsey	Jun 4	228.0	69.5	0.0	-31.0	0.09	1549.9	60.1	9.4	0.0	0.0	228.0	0.0
1	Blw Munsey to Arco	Jun 4	222.0	0.0	0.0	-6.0	0.03	1549.9	0.0	0.0	0.0	0.0	222.0	0.0
								TOTAL	1486.9	104.2	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 4	0.0	0.0		20180101	9%
9	Howell to Chilly	Jun 4	0.0	0.0		20180101	9%
8	Chilly to Reservoir	Jun 4	0.0	0.0		20180101	9%
	Connected						
7	Mackay Reservoir	Jun 4	0.0	0.0		20180101	9%
6	Reservoir to 2B	Jun 4	0.0	0.0		20180101	9%
5	2B to Leslie	Jun 4	0.0	0.0		20180101	9%
4	Leslie to Moore	Jun 4	56.8	82.9		20180101	9%
2	Moore to blw Munsey	Jun 4	6.3	24.7		20180101	9%
1	Blw Munsey to Arco	Jun 4	0.0	6.0		20180101	9%
		TOTAL	63.1	113.6	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	222.2
2	18810630	1.7	294.0	118.0
3	18880601	3.2	556.5	222.2
4	18960601	6.4	1113.0	444.3
5	19020301	0.8	140.0	55.5
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	22147.7
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	67060.8

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
29180.0	30030.0	850.0	428.5	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	23209.8
Total Storage Loss	-14903.4
Total Storage Deliver	-6745.5
Total Evaporation	-401.9
Accounting Balance	30029.0
Current Res Content	30030.0
Storage Balance Error	-1.0

DAILY STORAGE BALANCE

29180.0	Reservoir Content Previous Day [ac-ft]
30030.0	Reservoir Content Current Day [ac-ft]
850.0	Physical Change in Storage [ac-ft]
1722.4	Storage Allocated to Mackay Reservoir [ac-ft]
-665.7	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-82.9	Leslie to Moore [cfs]
-24.7	Moore blw Munsey [cfs]
-6.0	blw Munsey to Arco Gage [cfs]
-222.0	Past Arco Gage [cfs]
-206.7	Storage Delivered [ac-ft]
9.3	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
9.1	2B to Leslie [cfs]
76.3	Leslie to Moore [cfs]
9.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Evaporation [ac-ft]
850.0	Accounting Change in Storage [ac-ft]
0.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1300.2	Gain in/above Mackay Reservoir [cfs]
44.7	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
1344.9	Total Available Natural Flow [cfs]
868.4	Reservoir Rights Diverted [cfs]
63.1	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
56.8	Leslie to Moore [cfs]
6.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
413.5	Natural Flow Delivered [cfs]
-9.3	Above Reservoir Storage Use [cfs]
9.6	Reservoir to 2B [cfs]
187.6	2B to Leslie [cfs]
165.5	Leslie to Moore [cfs]
60.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1345.0	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.4	420
Eastside Felton Wier +	31.9	1595
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	40.3	2015
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.6	128
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	65.0	3250
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.4	122
Island Wanstrom David +	0.0	0
Eastside OUT	19.1	955
Total Out	95.9	4793

Abbreviated Reach Delivery Factor 2.38
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 419.9%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 19.1 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 4.5 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 70.4%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 6.5 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 76.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 219.9%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 295.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 4, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	6.4	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.0	0.0	0.1	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	9.7	0.1	12.0
9	BITTON	2.0	0.0	0.1	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	26.1	3.1	153.2
9	Thalman Hunter D	5.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	63.2	0.0	515.4
9	NEILSEN	46.4	3.1	188.7	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	93.4	6.0	770.7
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	14.0	0.0	0.0
9	CHILLY	49.0	0.0	0.0	8	Broken River Pum	0.0	0.0	3.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	15.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	9.1	1.2	102.9
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	6.0	6.0	79.3
8	Donahue 1	0.9	0.8	55.5	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	4.0	4.0	55.5
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.9	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	146.2	19.5	1802.2
8	Mtn. Springs 1	5.4	5.4	135.6	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	76.5	47.5	3055.5
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.4	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	33.0	9.4	295.8
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	36.5	0.0	190.7
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	152.7	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 04, 2019	1.10	1.10	1.10	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 04, 2019	4.11	4.11	4.11	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 04, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 04, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 04, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 04, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 04, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 04, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 04, 2019	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 04, 2019	1.20	1.20	1.20	100.0%
18830601	221	855	MOORE	13132050	4	Jun 04, 2019	1.60	1.99	1.60	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 04, 2019	0.09	0.11	0.09	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 04, 2019	0.27	0.34	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 04, 2019	0.79	0.98	0.79	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 04, 2019	1.72	2.14	1.72	100.0%
18830810	96	449	MOORE	13132050	4	Jun 04, 2019	0.48	0.60	0.48	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 04, 2019	0.01	0.01	0.01	100.0%
18830810	263	393	MOORE	13132050	4	Jun 04, 2019	0.18	0.22	0.18	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.43	0.54	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.21	0.26	0.21	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.21	0.26	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 04, 2019	1.64	2.04	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 04, 2019	0.14	0.17	0.14	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 04, 2019	0.18	0.18	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 04, 2019	0.07	0.07	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 04, 2019	1.50	1.50	1.50	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 04, 2019	1.10	1.10	1.10	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 04, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 04, 2019	0.55	0.55	0.55	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 04, 2019	0.20	0.20	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 04, 2019	1.30	1.30	1.30	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 04, 2019	0.60	0.60	0.60	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 04, 2019	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 04, 2019	1.92	1.92	1.92	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 04, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 04, 2019	0.21	0.21	0.21	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 04, 2019	0.50	0.50	0.50	100.0%
18840422	347	938	SHARP	13126500	6	Jun 04, 2019	2.50	2.50	2.50	100.0%
18840422	2525	1903	SHARP	13126500	6	Jun 04, 2019	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 04, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 04, 2019	0.12	0.12	0.12	100.0%
18840422	284	228	SHARP	13126500	6	Jun 04, 2019	0.13	0.13	0.13	100.0%
18840430	141	1365	BECK	13130525	4	Jun 04, 2019	1.00	1.24	1.00	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 04, 2019	0.40	0.40	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 04, 2019	0.77	0.77	0.77	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 04, 2019	1.40	1.40	1.40	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 04, 2019	1.23	1.23	1.23	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 04, 2019	0.40	0.40	0.40	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 04, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 04, 2019	0.22	0.22	0.22	100.0%
18840520	113	585	MOORE	13132050	4	Jun 04, 2019	0.11	0.14	0.11	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 04, 2019	0.04	0.05	0.04	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 04, 2019	0.80	1.00	0.80	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 04, 2019	0.11	0.14	0.11	100.0%
18840520	156	2002	MOORE	13132050	4	Jun 04, 2019	0.38	0.47	0.38	100.0%
18840520	96	451	MOORE	13132050	4	Jun 04, 2019	0.58	0.72	0.58	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 04, 2019	0.50	0.62	0.50	100.0%
18840520	180	470	MOORE	13132050	4	Jun 04, 2019	0.16	0.20	0.16	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 04, 2019	0.17	0.21	0.17	100.0%

18840520	187	1872	MOORE	13132050	4	Jun 04, 2019	0.01	0.01	0.01	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 04, 2019	2.24	2.79	2.24	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 04, 2019	0.02	0.02	0.02	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 04, 2019	1.60	1.99	1.60	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 04, 2019	0.78	0.97	0.78	100.0%
18840520	263	394	MOORE	13132050	4	Jun 04, 2019	0.22	0.27	0.22	100.0%
18840520	427	1	MOORE	13132050	4	Jun 04, 2019	1.12	1.39	1.12	100.0%
18840520	433	271	MOORE	13132050	4	Jun 04, 2019	0.54	0.67	0.54	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 04, 2019	0.01	0.01	0.01	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 04, 2019	0.18	0.23	0.18	100.0%
18840520	14	2002	MOORE	13132050	4	Jun 04, 2019	0.02	0.02	0.02	100.0%
18840520	14	2061	MOORE	13132050	4	Jun 04, 2019	0.04	0.05	0.04	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.80	1.00	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 04, 2019	0.46	0.46	0.46	100.0%
18840601	96	453	MOORE	13132050	4	Jun 04, 2019	0.21	0.26	0.21	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 04, 2019	1.28	1.59	1.28	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 04, 2019	0.01	0.01	0.01	100.0%
18840601	263	395	MOORE	13132050	4	Jun 04, 2019	0.08	0.10	0.08	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 04, 2019	0.16	0.20	0.16	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 04, 2019	0.73	0.73	0.73	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 04, 2019	0.23	0.23	0.23	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 04, 2019	0.40	0.40	0.40	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 04, 2019	0.37	0.37	0.37	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 04, 2019	0.20	0.20	0.20	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 04, 2019	0.40	0.40	0.40	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 04, 2019	0.27	0.27	0.27	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 04, 2019	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 04, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 04, 2019	0.80	0.80	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 04, 2019	0.80	1.00	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 04, 2019	1.20	1.49	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 04, 2019	1.20	1.49	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jun 04, 2019	0.54	0.67	0.54	100.0%
18840715	459	798	MOORE	13132050	4	Jun 04, 2019	0.80	1.00	0.80	100.0%
18840831	533	421	MOORE	13132050	4	Jun 04, 2019	0.14	0.17	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Jun 04, 2019	0.58	0.72	0.58	100.0%
18840831	2330	422	MOORE	13132050	4	Jun 04, 2019	0.50	0.62	0.50	100.0%
18840831	306	1200	MOORE	13132050	4	Jun 04, 2019	0.20	0.25	0.20	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.50	0.62	0.50	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.37	0.46	0.37	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.40	0.50	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jun 04, 2019	1.31	1.63	1.31	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.40	0.50	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 04, 2019	3.20	3.98	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 04, 2019	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 04, 2019	0.40	0.40	0.40	100.0%
18840914	623	2135	BURNETT	13127750	5	Jun 04, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jun 04, 2019	1.76	2.19	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 04, 2019	1.25	1.56	1.25	100.0%
18841012	70	341	MOORE	13132050	4	Jun 04, 2019	0.31	0.39	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Jun 04, 2019	0.58	0.72	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 04, 2019	0.89	1.11	0.89	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 04, 2019	2.30	2.30	2.30	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 04, 2019	0.74	0.74	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 04, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 04, 2019	0.72	0.72	0.72	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 04, 2019	2.78	2.78	2.78	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 04, 2019	1.20	1.20	1.20	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jun 04, 2019	0.40	0.40	0.40	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 04, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jun 04, 2019	0.66	0.66	0.66	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 04, 2019	1.65	1.65	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 04, 2019	2.00	2.00	2.00	100.0%
18850501	468	59	ARCO	13132365	2	Jun 04, 2019	0.74	1.02	0.74	100.0%

18850501	426	887	ARCO	13132365	2	Jun 04, 2019	0.64	0.88	0.64	100.0%
18850501	423	186	ARCO	13132365	2	Jun 04, 2019	0.26	0.36	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Jun 04, 2019	0.20	0.27	0.20	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 04, 2019	0.20	0.25	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 04, 2019	1.80	2.24	1.80	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 04, 2019	0.24	0.30	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 04, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 04, 2019	0.50	0.50	0.50	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	1.40	1.74	1.40	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.20	0.25	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.20	0.25	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 04, 2019	0.48	0.60	0.48	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 04, 2019	0.56	0.70	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 04, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 04, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 04, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jun 04, 2019	0.01	0.01	0.01	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 04, 2019	1.56	1.94	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jun 04, 2019	0.04	0.05	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	2.88	3.59	2.88	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 04, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jun 04, 2019	0.24	0.30	0.24	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 04, 2019	1.20	1.49	1.20	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 04, 2019	1.31	1.31	1.31	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 04, 2019	1.00	1.00	1.00	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 04, 2019	0.36	0.36	0.36	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 04, 2019	1.54	1.54	1.54	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 04, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 04, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 04, 2019	0.54	0.54	0.54	100.0%
18851002	437	62	ARCO	13132365	2	Jun 04, 2019	1.54	2.12	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 04, 2019	3.60	4.95	3.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 04, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	Jun 04, 2019	1.20	1.49	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 04, 2019	2.80	3.49	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 04, 2019	4.56	5.68	4.56	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 04, 2019	0.01	0.01	0.01	100.0%
18860512	96	459	MOORE	13132050	4	Jun 04, 2019	0.48	0.60	0.48	100.0%
18860512	263	398	MOORE	13132050	4	Jun 04, 2019	0.18	0.22	0.18	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 04, 2019	2.40	2.99	2.40	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	1.60	1.99	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	1.24	1.54	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	1.00	1.24	1.00	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 04, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 04, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 04, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	1.00	1.24	1.00	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.20	0.25	0.20	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 04, 2019	0.60	0.60	0.60	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 04, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jun 04, 2019	0.52	0.52	0.52	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 04, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 04, 2019	0.84	1.15	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 04, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 04, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 04, 2019	1.26	1.26	1.26	100.0%
18870313	70	337	MOORE	13132050	4	Jun 04, 2019	0.23	0.29	0.23	100.0%
18870313	433	683	MOORE	13132050	4	Jun 04, 2019	0.13	0.16	0.13	100.0%
18870313	459	682	MOORE	13132050	4	Jun 04, 2019	0.65	0.81	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Jun 04, 2019	0.42	0.52	0.42	100.0%
18870313	73	2029	BURNETT	13127750	5	Jun 04, 2019	0.65	0.65	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 04, 2019	1.05	1.05	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 04, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 04, 2019	3.30	3.30	3.30	100.0%

18870501	468	1309	ARCO	13132365	2	Jun 04, 2019	3.20	4.40	3.20	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 04, 2019	0.32	0.44	0.32	100.0%
18870601	423	76	ARCO	13132365	2	Jun 04, 2019	0.22	0.30	0.22	100.0%
18870601	468	893	ARCO	13132365	2	Jun 04, 2019	1.40	1.92	1.40	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 04, 2019	2.44	3.04	2.44	100.0%
18870601	490	1783	BURNETT	13127750	5	Jun 04, 2019	0.53	0.53	0.53	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 04, 2019	0.25	0.25	0.25	100.0%
18870601	73	2022	BURNETT	13127750	5	Jun 04, 2019	0.22	0.22	0.22	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 04, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 04, 2019	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 04, 2019	0.51	0.51	0.51	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 04, 2019	1.90	1.90	1.90	100.0%
18870630	236	1428	BECK	13130525	4	Jun 04, 2019	0.36	0.45	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 04, 2019	0.60	0.60	0.60	100.0%
18870801	119	1166	BURNETT	13127750	5	Jun 04, 2019	0.27	0.27	0.27	100.0%
18870801	623	2203	BURNETT	13127750	5	Jun 04, 2019	0.13	0.13	0.13	100.0%
18870831	119	1154	BURNETT	13127750	5	Jun 04, 2019	0.20	0.20	0.20	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 04, 2019	0.43	0.43	0.43	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 04, 2019	0.54	0.54	0.54	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 04, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 04, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jun 04, 2019	0.33	0.45	0.33	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jun 04, 2019	0.50	0.50	0.50	100.0%
18880601	347	1973	SHARP	13126500	6	Jun 04, 2019	0.84	0.84	0.84	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 04, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 04, 2019	0.25	0.25	0.25	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 04, 2019	0.95	0.95	0.95	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 04, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 04, 2019	0.40	0.55	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 04, 2019	0.64	0.64	0.64	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 04, 2019	0.81	0.81	0.81	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 04, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 04, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 04, 2019	1.16	1.16	1.16	100.0%
18881101	59	2222	KENT	13120605	9	Jun 04, 2019	1.25	1.25	1.25	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 04, 2019	0.42	0.42	0.42	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 04, 2019	0.39	0.39	0.39	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 04, 2019	1.12	1.40	1.12	100.0%
18890601	441	205	MOORE	13132050	4	Jun 04, 2019	0.97	1.21	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 04, 2019	0.50	0.62	0.50	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 04, 2019	2.30	2.30	2.30	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 04, 2019	0.70	0.70	0.70	100.0%
18890601	322	968	BURNETT	13127750	5	Jun 04, 2019	0.80	0.80	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 04, 2019	1.20	1.20	1.20	100.0%
18900601	426	756	ARCO	13132365	2	Jun 04, 2019	0.57	0.78	0.57	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 04, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 04, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 04, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 04, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 04, 2019	0.24	0.24	0.24	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 04, 2019	0.60	0.75	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jun 04, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 04, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 04, 2019	0.75	0.93	0.75	100.0%
18920101	2615	1643	MOORE	13132050	4	Jun 04, 2019	0.70	0.87	0.70	100.0%
18920501	468	60	ARCO	13132365	2	Jun 04, 2019	0.66	0.91	0.66	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 04, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 04, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 04, 2019	0.30	0.37	0.30	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 04, 2019	0.30	0.37	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 04, 2019	0.22	0.27	0.22	100.0%
18930201	158	538	MOORE	13132050	4	Jun 04, 2019	0.03	0.04	0.03	100.0%
18930323	77	366	MOORE	13132050	4	Jun 04, 2019	1.60	1.99	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jun 04, 2019	0.80	1.00	0.80	100.0%

18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 04, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 04, 2019	0.87	0.87	0.87	100.0%
18931101	59	2223	KENT	13120605	9	Jun 04, 2019	0.89	0.89	0.89	100.0%
18931101	59	1279	KENT	13120605	9	Jun 04, 2019	0.04	0.04	0.04	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 04, 2019	0.30	0.30	0.30	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 04, 2019	0.29	0.29	0.29	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 04, 2019	0.01	0.01	0.01	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 04, 2019	0.44	0.44	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 04, 2019	0.40	0.40	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 04, 2019	2.80	2.80	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 04, 2019	2.60	2.60	2.60	100.0%
18940601	158	536	MOORE	13132050	4	Jun 04, 2019	0.02	0.02	0.02	100.0%
18940601	417	379	MOORE	13132050	4	Jun 04, 2019	0.15	0.19	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	1.20	1.49	1.20	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 04, 2019	0.08	0.08	0.08	100.0%
18940601	2525	1904	SHARP	13126500	6	Jun 04, 2019	0.06	0.06	0.06	100.0%
18940601	284	229	SHARP	13126500	6	Jun 04, 2019	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 04, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 04, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jun 04, 2019	0.10	0.12	0.10	100.0%
18950601	180	1343	MOORE	13132050	4	Jun 04, 2019	0.54	0.67	0.54	100.0%
18950601	158	534	MOORE	13132050	4	Jun 04, 2019	0.01	0.01	0.01	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.40	0.50	0.40	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 04, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 04, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jun 04, 2019	1.74	2.17	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 04, 2019	1.60	1.60	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 04, 2019	3.20	3.20	3.20	100.0%
18960601	459	993	MOORE	13132050	4	Jun 04, 2019	0.40	0.50	0.40	100.0%
18960601	533	424	MOORE	13132050	4	Jun 04, 2019	0.06	0.07	0.06	100.0%
18960601	144	1879	MOORE	13132050	4	Jun 04, 2019	0.94	1.17	0.94	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 04, 2019	2.12	2.64	2.12	100.0%
18960601	96	457	MOORE	13132050	4	Jun 04, 2019	0.75	0.93	0.75	100.0%
18960601	417	992	MOORE	13132050	4	Jun 04, 2019	1.20	1.49	1.20	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 04, 2019	0.40	0.50	0.40	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 04, 2019	1.56	1.94	1.56	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 04, 2019	0.60	0.75	0.60	100.0%
18960601	306	1695	MOORE	13132050	4	Jun 04, 2019	0.44	0.55	0.44	100.0%
18960601	158	540	MOORE	13132050	4	Jun 04, 2019	0.24	0.30	0.24	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 04, 2019	0.02	0.02	0.02	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 04, 2019	0.03	0.04	0.03	100.0%
18960601	263	397	MOORE	13132050	4	Jun 04, 2019	0.35	0.44	0.35	100.0%
18960601	441	207	MOORE	13132050	4	Jun 04, 2019	0.99	1.23	0.99	100.0%
18960601	263	399	MOORE	13132050	4	Jun 04, 2019	0.27	0.34	0.27	100.0%
18960601	417	381	MOORE	13132050	4	Jun 04, 2019	2.40	2.99	2.40	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jun 04, 2019	0.70	0.87	0.70	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.04	0.04	0.04	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.04	0.04	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jun 04, 2019	0.41	0.51	0.41	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 04, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 04, 2019	1.90	2.61	1.90	100.0%
18960901	437	671	ARCO	13132365	2	Jun 04, 2019	0.13	0.18	0.13	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 04, 2019	0.12	0.16	0.12	100.0%
18960928	15	80	MUNSEY	13132375	2	Jun 04, 2019	2.24	3.08	2.24	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 04, 2019	0.03	0.04	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 04, 2019	1.97	2.71	1.97	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 04, 2019	4.40	6.05	4.40	100.0%
18970510	437	664	ARCO	13132365	2	Jun 04, 2019	0.82	1.13	0.82	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jun 04, 2019	0.75	0.75	0.75	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 04, 2019	1.00	1.00	1.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 04, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jun 04, 2019	0.16	0.20	0.16	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 04, 2019	0.70	0.70	0.70	100.0%
18970615	306	1697	MOORE	13132050	4	Jun 04, 2019	0.16	0.20	0.16	100.0%

18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jun 04, 2019	0.13	0.16	0.13	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jun 04, 2019	0.24	0.30	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 04, 2019	1.20	1.20	1.20	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.65	0.81	0.65	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.65	0.81	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jun 04, 2019	1.20	1.20	1.20	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 04, 2019	0.51	0.51	0.51	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 04, 2019	1.90	1.90	1.90	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 04, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 04, 2019	0.50	0.50	0.50	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 04, 2019	0.01	0.01	0.01	100.0%
18990327	14	2062	MOORE	13132050	4	Jun 04, 2019	0.01	0.01	0.01	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 04, 2019	0.21	0.26	0.21	100.0%
18990327	113	584	MOORE	13132050	4	Jun 04, 2019	0.03	0.04	0.03	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 04, 2019	2.72	3.74	2.72	100.0%
18990601	140	2071	MOORE	13132050	4	Jun 04, 2019	0.03	0.04	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 04, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 04, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 04, 2019	0.46	0.46	0.46	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 04, 2019	0.57	0.57	0.57	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 04, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 04, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 04, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.20	0.25	0.20	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 04, 2019	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 04, 2019	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jun 04, 2019	0.23	0.29	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jun 04, 2019	0.35	0.44	0.35	100.0%
19010901	70	339	MOORE	13132050	4	Jun 04, 2019	0.12	0.15	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 04, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jun 04, 2019	0.12	0.15	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 04, 2019	0.79	1.09	0.79	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 04, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.20	0.25	0.20	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.20	0.25	0.20	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.28	0.35	0.28	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 04, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 04, 2019	0.90	0.90	0.90	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 04, 2019	1.60	1.60	1.60	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 04, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 04, 2019	0.60	0.60	0.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 04, 2019	3.20	3.20	3.20	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 04, 2019	0.60	0.60	0.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 04, 2019	3.40	3.40	3.40	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 04, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 04, 2019	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 04, 2019	6.16	6.16	6.16	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 04, 2019	2.70	3.36	2.70	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 04, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 04, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 04, 2019	1.08	1.08	1.08	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 04, 2019	1.35	1.35	1.35	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 04, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 04, 2019	0.30	0.30	0.30	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 04, 2019	0.49	0.49	0.49	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 04, 2019	1.40	1.40	1.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 04, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 04, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 04, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 04, 2019	1.56	1.94	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 04, 2019	0.34	0.34	0.34	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 04, 2019	0.42	0.42	0.42	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 04, 2019	0.08	0.08	0.08	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 04, 2019	0.34	0.34	0.34	100.0%

19040620	483	1514	CHILLY	13121105	9	Jun 04, 2019	0.04	0.04	0.04	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 04, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 04, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jun 04, 2019	0.03	0.03	0.03	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 04, 2019	0.65	0.65	0.65	100.0%
19050501	59	2145	KENT	13120605	9	Jun 04, 2019	0.67	0.67	0.67	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 04, 2019	0.22	0.22	0.22	100.0%
19050501	59	784	BITTON	13120735	9	Jun 04, 2019	0.01	0.01	0.01	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 04, 2019	0.22	0.22	0.22	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 04, 2019	0.27	0.27	0.27	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 04, 2019	0.34	0.34	0.34	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 04, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 04, 2019	0.65	0.65	0.65	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 04, 2019	0.27	0.27	0.27	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 04, 2019	0.60	0.60	0.60	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 04, 2019	0.30	0.30	0.30	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 04, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 04, 2019	0.40	0.40	0.40	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 04, 2019	0.10	0.10	0.10	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 04, 2019	3.00	3.00	3.00	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 04, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 04, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 04, 2019	0.78	0.78	0.78	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 04, 2019	0.80	0.80	0.80	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 04, 2019	1.78	1.78	1.78	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 04, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 04, 2019	1.37	1.37	1.37	100.0%
19070711	59	786	KENT	13120605	9	Jun 04, 2019	0.04	0.04	0.04	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 04, 2019	0.32	0.32	0.32	100.0%
19070711	59	2146	KENT	13120605	9	Jun 04, 2019	0.09	0.09	0.09	98.9%
19070711	2610	2094	BITTON	13120735	9	Jun 04, 2019	0.11	0.11	0.11	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 04, 2019	0.03	0.03	0.03	100.0%
19070711	59	786	BITTON	13120735	9	Jun 04, 2019	0.01	0.01	0.01	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 04, 2019	0.16	0.16	0.16	100.0%
19081207	459	344	MOORE	13132050	4	Jun 04, 2019	0.33	0.41	0.33	100.0%
19081207	70	343	MOORE	13132050	4	Jun 04, 2019	0.17	0.21	0.17	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 04, 2019	0.50	0.62	0.50	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 04, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 04, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 04, 2019	2.76	2.76	2.76	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 04, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 04, 2019	0.78	0.78	0.78	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 04, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 04, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 04, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 04, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 04, 2019	0.30	0.30	0.30	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 04, 2019	0.13	0.16	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 04, 2019	1.60	1.60	1.60	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 04, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 04, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 04, 2019	0.80	0.80	0.80	100.0%
19150504	373	434	CHILLY	13121105	9	Jun 04, 2019	0.22	0.22	0.22	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 04, 2019	0.10	0.10	0.10	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 04, 2019	0.12	0.12	0.12	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 04, 2019	0.10	0.10	0.10	100.0%
19160212	682	1054	NEILSEN	13120805	9	Jun 04, 2019	0.03	0.03	0.03	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 04, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	Jun 04, 2019	0.31	0.31	0.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 04, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 04, 2019	0.68	0.68	0.68	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 04, 2019	0.85	0.85	0.85	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 04, 2019	0.17	0.17	0.17	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 04, 2019	0.16	0.16	0.16	100.0%

19171003	55	1509	NEILSEN	13120805	9	Jun 04, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 04, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 04, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 04, 2019	0.50	0.62	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jun 04, 2019	0.44	0.55	0.44	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 04, 2019	16.00	21.99	16.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 04, 2019	0.82	1.02	0.82	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 04, 2019	55.68	69.32	55.68	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 04, 2019	8.18	11.24	8.18	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jun 04, 2019	7.52	10.34	5.88	78.2%
19950411	476	1273	BECK	13130525	4	Jun 04, 2019	2.90	3.61	2.90	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 04, 2019	9.16	9.16	9.16	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 04, 2019	44.40	44.40	44.40	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 04, 2019	49.00	49.00	49.00	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 04, 2019	14.00	14.00	14.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 04, 2019	4.34	4.34	4.34	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jun 04, 2019	10.00	10.00	10.00	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 04, 2019	10.00	10.00	10.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 04, 2019	9969.40	9969.40	853.06	8.6%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 5, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 5	2120.0	4.0	0.0	2124.0	0.00	2124.0	4.0	0.0	0.0	2120.0	0.0	0.0
9	Howell to Chilly	Jun 5	0.0	133.4	0.0	-1986.6	1.00	137.4	130.3	3.1	0.0	3.1	-3.1	0.0
8	Chilly to Reservoir	* Jun 5	1541.6	67.6	0.0	1609.2	0.00	1746.6	61.4	6.2	0.0	1550.9	-9.3	0.0
	Connected													
7	Mackay Reservoir	* Jun 5	896.3	0.0	0.0	0.0	0.00	1782.0	1111.1		0.0	439.8	456.5	0.0
6	Reservoir to 2B	Jun 5	885.0	11.3	0.0	0.0	0.00	1746.6	11.2	0.1	0.0	428.6	456.4	0.0
5	2B to Leslie	Jun 5	726.0	194.4	0.0	35.4	0.00	1782.0	181.8	12.6	0.0	282.2	443.8	0.0
4	Leslie to Moore	Jun 5	324.7	270.7	0.0	-130.6	0.18	1782.0	151.4	119.3	0.0	80.1	244.6	0.0
2	Moore to blw Munsey	Jun 5	194.0	76.0	0.0	-54.7	0.17	1782.0	66.6	9.4	0.0	0.0	194.0	0.0
1	Blw Munsey to Arco	Jun 5	191.0	0.0	0.0	-3.0	0.02	1782.0	0.0	0.0	0.0	0.0	191.0	0.0
								TOTAL	1717.7	150.7	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 5	0.0	0.0		20180101	11%
9	Howell to Chilly	Jun 5	0.0	0.0		20180101	11%
8	Chilly to Reservoir	Jun 5	0.0	0.0		20180101	11%
	Connected						
7	Mackay Reservoir	Jun 5	0.0	0.0		20180101	11%
6	Reservoir to 2B	Jun 5	0.0	0.0		20180101	11%
5	2B to Leslie	Jun 5	0.0	0.0		20180101	11%
4	Leslie to Moore	Jun 5	50.8	79.8		20180101	11%
2	Moore to blw Munsey	Jun 5	13.5	41.2		20180101	11%
1	Blw Munsey to Arco	Jun 5	0.0	3.0		20180101	11%
		TOTAL	64.3	124.0	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	228.5
2	18810630	1.7	294.0	121.4
3	18880601	3.2	556.5	228.5
4	18960601	6.4	1113.0	457.0
5	19020301	0.8	140.0	57.1
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	24321.2
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	69264.7

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
30030.0	31310.0	1280.0	645.3	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	25413.7
Total Storage Loss	-15528.2
Total Storage Deliver	-7044.4
Total Evaporation	-401.9
Accounting Balance	31309.2
Current Res Content	31310.0
Storage Balance Error	-0.8

DAILY STORAGE BALANCE

30030.0	Reservoir Content Previous Day [ac-ft]
31310.0	Reservoir Content Current Day [ac-ft]
1280.0	Physical Change in Storage [ac-ft]
2203.9	Storage Allocated to Mackay Reservoir [ac-ft]
-624.8	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-79.8	Leslie to Moore [cfs]
-41.2	Moore blw Munsey [cfs]
-3.0	blw Munsey to Arco Gage [cfs]
-191.0	Past Arco Gage [cfs]
-298.9	Storage Delivered [ac-ft]
9.3	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
12.6	2B to Leslie [cfs]
119.3	Leslie to Moore [cfs]
9.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Evaporation [ac-ft]
1280.2	Accounting Change in Storage [ac-ft]
0.2	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1541.6	Gain in/above Mackay Reservoir [cfs]
35.4	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
1577.0	Total Available Natural Flow [cfs]
1111.1	Reservoir Rights Diverted [cfs]
64.3	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
50.8	Leslie to Moore [cfs]
13.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
401.7	Natural Flow Delivered [cfs]
-9.3	Above Reservoir Storage Use [cfs]
11.2	Reservoir to 2B [cfs]
181.8	2B to Leslie [cfs]
151.4	Leslie to Moore [cfs]
66.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1577.1	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	9.6	480
Eastside Felton Wier +	30.0	1500
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	39.6	1980
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.6	128
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	65.0	3250
Island Babcock Delivery +	0.8	40
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.4	122
Island Wanstrom David +	0.0	0
Eastside OUT	16.8	840
Total Out	92.4	4620

Abbreviated Reach Delivery Factor 2.33
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 405.9%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 16.8 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 4.1 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 72.7%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 5.7 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 75.3 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 216.7%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 295.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 5, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	6.4	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.0	0.0	0.1	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.3	0.1	12.2
9	BITTON	2.0	0.0	0.1	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	26.4	4.3	161.7
9	Thalman Hunter D	5.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	62.0	2.9	521.2
9	NEILSEN	46.4	3.1	194.9	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	92.0	5.4	781.4
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	14.0	0.0	0.0
9	CHILLY	49.0	0.0	0.0	8	Broken River Pum	0.0	0.0	3.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	15.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	18.6	8.0	118.8
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	6.0	6.0	91.2
8	Donahue 1	0.9	0.8	57.1	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	4.0	4.0	63.5
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.9	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	166.8	57.5	1916.3
8	Mtn. Springs 1	5.4	5.4	146.2	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	75.3	45.7	3146.1
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.4	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	33.0	9.4	314.4
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	43.0	0.0	190.7
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	162.6	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 05, 2019	1.10	1.10	1.10	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 05, 2019	4.11	4.11	4.11	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 05, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 05, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 05, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 05, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 05, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 05, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 05, 2019	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 05, 2019	1.20	1.20	1.20	100.0%
18830601	221	855	MOORE	13132050	4	Jun 05, 2019	1.60	1.95	1.60	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 05, 2019	0.79	0.96	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 05, 2019	1.54	1.88	1.54	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 05, 2019	0.27	0.33	0.27	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 05, 2019	0.09	0.11	0.09	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 05, 2019	1.73	2.11	1.73	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 05, 2019	0.01	0.01	0.01	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 05, 2019	0.18	0.22	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jun 05, 2019	0.48	0.59	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jun 05, 2019	0.18	0.22	0.18	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	0.43	0.52	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	0.21	0.26	0.21	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	0.21	0.26	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 05, 2019	1.64	2.00	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 05, 2019	0.14	0.17	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 05, 2019	1.50	1.50	1.50	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 05, 2019	0.18	0.18	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 05, 2019	0.07	0.07	0.07	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 05, 2019	1.30	1.30	1.30	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 05, 2019	1.63	1.63	1.63	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 05, 2019	0.96	0.96	0.96	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 05, 2019	0.55	0.55	0.55	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 05, 2019	0.20	0.20	0.20	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 05, 2019	1.20	1.20	1.20	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 05, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 05, 2019	0.79	0.79	0.79	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 05, 2019	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 05, 2019	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 05, 2019	1.92	1.92	1.92	100.0%
18840422	2525	1903	SHARP	13126500	6	Jun 05, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Jun 05, 2019	0.13	0.13	0.13	100.0%
18840422	544	2189	SHARP	13126500	6	Jun 05, 2019	1.00	1.00	1.00	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 05, 2019	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 05, 2019	0.64	0.64	0.64	100.0%
18840422	347	938	SHARP	13126500	6	Jun 05, 2019	2.50	2.50	2.50	100.0%
18840430	141	1365	BECK	13130525	4	Jun 05, 2019	1.00	1.22	1.00	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 05, 2019	1.23	1.23	1.23	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 05, 2019	0.80	0.80	0.80	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 05, 2019	0.40	0.40	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 05, 2019	0.77	0.77	0.77	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 05, 2019	1.60	1.60	1.60	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 05, 2019	0.40	0.40	0.40	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 05, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 05, 2019	0.22	0.22	0.22	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 05, 2019	0.02	0.02	0.02	100.0%
18840520	427	1	MOORE	13132050	4	Jun 05, 2019	1.46	1.78	1.46	100.0%
18840520	14	2061	MOORE	13132050	4	Jun 05, 2019	0.04	0.05	0.04	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 05, 2019	0.66	0.80	0.66	100.0%
18840520	433	271	MOORE	13132050	4	Jun 05, 2019	0.54	0.66	0.54	100.0%

18840520	14	2002	MOORE	13132050	4	Jun 05, 2019	0.02	0.02	0.02	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 05, 2019	0.22	0.27	0.22	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 05, 2019	0.01	0.01	0.01	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 05, 2019	0.25	0.30	0.25	100.0%
18840520	113	585	MOORE	13132050	4	Jun 05, 2019	0.11	0.13	0.11	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 05, 2019	2.24	2.73	2.24	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 05, 2019	1.15	1.40	1.15	100.0%
18840520	96	451	MOORE	13132050	4	Jun 05, 2019	0.58	0.71	0.58	100.0%
18840520	263	394	MOORE	13132050	4	Jun 05, 2019	0.22	0.27	0.22	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 05, 2019	0.18	0.22	0.18	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 05, 2019	0.04	0.05	0.04	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 05, 2019	0.01	0.01	0.01	100.0%
18840520	180	470	MOORE	13132050	4	Jun 05, 2019	0.16	0.20	0.16	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 05, 2019	0.78	0.95	0.78	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 05, 2019	1.60	1.95	1.60	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 05, 2019	0.90	1.10	0.90	100.0%
18840520	156	2002	MOORE	13132050	4	Jun 05, 2019	0.38	0.46	0.38	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	0.80	0.98	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 05, 2019	0.72	0.72	0.72	100.0%
18840601	263	395	MOORE	13132050	4	Jun 05, 2019	0.08	0.10	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 05, 2019	0.54	0.66	0.54	100.0%
18840601	96	453	MOORE	13132050	4	Jun 05, 2019	0.21	0.26	0.21	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 05, 2019	1.28	1.56	1.28	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 05, 2019	0.01	0.01	0.01	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 05, 2019	0.08	0.10	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 05, 2019	0.09	0.11	0.09	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 05, 2019	0.16	0.20	0.16	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 05, 2019	0.27	0.27	0.27	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 05, 2019	0.20	0.20	0.20	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 05, 2019	0.23	0.23	0.23	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 05, 2019	0.73	0.73	0.73	100.0%
18840601	360	693	BURNETT	13127750	5	Jun 05, 2019	0.40	0.40	0.40	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 05, 2019	0.40	0.40	0.40	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 05, 2019	0.37	0.37	0.37	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 05, 2019	0.40	0.40	0.40	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 05, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 05, 2019	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 05, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 05, 2019	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 05, 2019	1.20	1.46	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 05, 2019	1.20	1.46	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 05, 2019	0.80	0.98	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jun 05, 2019	0.72	0.88	0.72	100.0%
18840715	459	798	MOORE	13132050	4	Jun 05, 2019	0.80	0.98	0.80	100.0%
18840831	306	1200	MOORE	13132050	4	Jun 05, 2019	0.20	0.24	0.20	100.0%
18840831	533	421	MOORE	13132050	4	Jun 05, 2019	0.14	0.17	0.14	100.0%
18840831	2330	422	MOORE	13132050	4	Jun 05, 2019	0.66	0.80	0.66	100.0%
18840831	306	1694	MOORE	13132050	4	Jun 05, 2019	0.58	0.71	0.58	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	0.44	0.54	0.44	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jun 05, 2019	1.31	1.60	1.31	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	0.40	0.49	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	0.50	0.61	0.50	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	0.40	0.49	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 05, 2019	3.20	3.90	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 05, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jun 05, 2019	0.40	0.40	0.40	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 05, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jun 05, 2019	1.76	2.15	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 05, 2019	1.25	1.52	1.25	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 05, 2019	0.89	1.09	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Jun 05, 2019	0.58	0.71	0.58	100.0%
18841012	70	341	MOORE	13132050	4	Jun 05, 2019	0.31	0.38	0.31	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 05, 2019	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 05, 2019	0.74	0.74	0.74	100.0%

18841012	314	1444	SWAUGER	13127600	5	Jun 05, 2019	2.30	2.30	2.30	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 05, 2019	1.20	1.20	1.20	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 05, 2019	2.78	2.78	2.78	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 05, 2019	0.72	0.72	0.72	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jun 05, 2019	0.40	0.40	0.40	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 05, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jun 05, 2019	0.66	0.66	0.66	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 05, 2019	1.65	1.65	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 05, 2019	2.00	2.00	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 05, 2019	0.79	0.79	0.79	100.0%
18850501	423	87	ARCO	13132365	2	Jun 05, 2019	0.20	0.29	0.20	100.0%
18850501	423	186	ARCO	13132365	2	Jun 05, 2019	0.26	0.38	0.26	100.0%
18850501	426	887	ARCO	13132365	2	Jun 05, 2019	0.64	0.94	0.64	100.0%
18850501	468	59	ARCO	13132365	2	Jun 05, 2019	0.74	1.09	0.74	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 05, 2019	0.20	0.24	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 05, 2019	0.24	0.29	0.24	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 05, 2019	1.80	2.19	1.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 05, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 05, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	0.20	0.24	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	0.20	0.24	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	1.30	1.59	1.30	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 05, 2019	0.30	0.37	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 05, 2019	1.06	1.29	1.06	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 05, 2019	0.56	0.68	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 05, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 05, 2019	1.37	1.37	1.37	100.0%
18850530	484	1718	BURNETT	13127750	5	Jun 05, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 05, 2019	0.11	0.11	0.11	100.0%
18850531	413	1353	MOORE	13132050	4	Jun 05, 2019	0.04	0.05	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 05, 2019	1.56	1.90	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	2.76	3.37	2.76	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jun 05, 2019	1.62	1.62	1.62	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 05, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jun 05, 2019	0.24	0.29	0.24	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 05, 2019	1.20	1.46	1.20	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 05, 2019	1.31	1.31	1.31	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 05, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 05, 2019	1.00	1.00	1.00	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 05, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jun 05, 2019	0.80	0.80	0.80	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 05, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 05, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 05, 2019	0.54	0.54	0.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 05, 2019	3.60	5.28	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Jun 05, 2019	1.54	2.26	1.54	100.0%
18851002	318	817	MUNSEY	13132375	2	Jun 05, 2019	0.80	1.17	0.80	100.0%
18851002	318	545	MUNSEY	13132375	2	Jun 05, 2019	0.75	1.10	0.75	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 05, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 05, 2019	2.80	3.41	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 05, 2019	1.20	1.46	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 05, 2019	4.56	5.56	4.56	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 05, 2019	0.18	0.22	0.18	100.0%
18860512	263	398	MOORE	13132050	4	Jun 05, 2019	0.18	0.22	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jun 05, 2019	0.48	0.59	0.48	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 05, 2019	0.01	0.01	0.01	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	1.73	2.11	1.73	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 05, 2019	2.40	2.93	2.40	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	1.00	1.22	1.00	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	1.60	1.95	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	1.24	1.51	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 05, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 05, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 05, 2019	0.80	0.80	0.80	100.0%

18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	1.00	1.22	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 05, 2019	0.60	0.60	0.60	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 05, 2019	0.13	0.13	0.13	100.0%
18860721	484	1673	BURNETT	13127750	5	Jun 05, 2019	0.52	0.52	0.52	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 05, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 05, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 05, 2019	0.84	1.23	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 05, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 05, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 05, 2019	1.26	1.26	1.26	100.0%
18870313	433	683	MOORE	13132050	4	Jun 05, 2019	0.70	0.85	0.70	100.0%
18870313	459	338	MOORE	13132050	4	Jun 05, 2019	0.42	0.51	0.42	100.0%
18870313	70	337	MOORE	13132050	4	Jun 05, 2019	0.23	0.28	0.23	100.0%
18870313	459	682	MOORE	13132050	4	Jun 05, 2019	0.65	0.79	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 05, 2019	1.05	1.05	1.05	100.0%
18870313	73	2029	BURNETT	13127750	5	Jun 05, 2019	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 05, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 05, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 05, 2019	3.20	4.69	3.20	100.0%
18870601	468	893	ARCO	13132365	2	Jun 05, 2019	1.40	2.05	1.40	100.0%
18870601	423	76	ARCO	13132365	2	Jun 05, 2019	0.22	0.32	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 05, 2019	0.32	0.47	0.32	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 05, 2019	2.44	2.98	2.44	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 05, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jun 05, 2019	0.53	0.53	0.53	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 05, 2019	0.16	0.16	0.16	100.0%
18870601	73	2022	BURNETT	13127750	5	Jun 05, 2019	0.30	0.30	0.30	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 05, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 05, 2019	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 05, 2019	0.51	0.51	0.51	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 05, 2019	1.90	1.90	1.90	100.0%
18870630	236	1428	BECK	13130525	4	Jun 05, 2019	0.36	0.44	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 05, 2019	0.60	0.60	0.60	100.0%
18870801	119	1166	BURNETT	13127750	5	Jun 05, 2019	0.27	0.27	0.27	100.0%
18870801	623	2203	BURNETT	13127750	5	Jun 05, 2019	0.33	0.33	0.33	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 05, 2019	0.43	0.43	0.43	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 05, 2019	0.54	0.54	0.54	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 05, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 05, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jun 05, 2019	0.33	0.48	0.33	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jun 05, 2019	0.50	0.50	0.50	100.0%
18880601	347	1973	SHARP	13126500	6	Jun 05, 2019	0.84	0.84	0.84	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 05, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 05, 2019	0.25	0.25	0.25	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 05, 2019	0.95	0.95	0.95	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 05, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 05, 2019	0.40	0.59	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 05, 2019	0.64	0.64	0.64	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 05, 2019	0.81	0.81	0.81	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 05, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 05, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 05, 2019	1.16	1.16	1.16	100.0%
18881101	59	2222	KENT	13120605	9	Jun 05, 2019	1.25	1.25	1.25	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 05, 2019	0.42	0.42	0.42	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 05, 2019	0.39	0.39	0.39	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 05, 2019	0.08	0.10	0.08	100.0%
18890601	441	205	MOORE	13132050	4	Jun 05, 2019	0.97	1.18	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 05, 2019	0.50	0.61	0.50	100.0%
18890601	322	968	BURNETT	13127750	5	Jun 05, 2019	0.80	0.80	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 05, 2019	1.20	1.20	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 05, 2019	2.30	2.30	2.30	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 05, 2019	0.70	0.70	0.70	100.0%
18900601	426	756	ARCO	13132365	2	Jun 05, 2019	0.57	0.84	0.57	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 05, 2019	0.20	0.20	0.20	100.0%

18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 05, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 05, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 05, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 05, 2019	0.24	0.24	0.24	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 05, 2019	0.60	0.73	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jun 05, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 05, 2019	5.20	5.20	5.20	100.0%
18920101	2615	1643	MOORE	13132050	4	Jun 05, 2019	0.94	1.15	0.94	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 05, 2019	0.26	0.32	0.26	100.0%
18920501	468	60	ARCO	13132365	2	Jun 05, 2019	0.66	0.97	0.66	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 05, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 05, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 05, 2019	0.30	0.37	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 05, 2019	0.22	0.27	0.22	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 05, 2019	0.30	0.37	0.30	100.0%
18930323	77	366	MOORE	13132050	4	Jun 05, 2019	1.60	1.95	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jun 05, 2019	1.50	1.83	1.50	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 05, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	Jun 05, 2019	0.89	0.89	0.89	100.0%
18931101	59	1279	KENT	13120605	9	Jun 05, 2019	0.04	0.04	0.04	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 05, 2019	0.87	0.87	0.87	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 05, 2019	0.29	0.29	0.29	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 05, 2019	0.30	0.30	0.30	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 05, 2019	0.01	0.01	0.01	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 05, 2019	2.80	2.80	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 05, 2019	0.96	0.96	0.96	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 05, 2019	0.40	0.40	0.40	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 05, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 05, 2019	2.60	2.60	2.60	100.0%
18940531	77	800	MOORE	13132050	4	Jun 05, 2019	0.10	0.12	0.10	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 05, 2019	3.20	4.69	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jun 05, 2019	0.15	0.18	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	1.56	1.90	1.56	100.0%
18940601	2525	1904	SHARP	13126500	6	Jun 05, 2019	0.06	0.06	0.06	100.0%
18940601	284	229	SHARP	13126500	6	Jun 05, 2019	0.15	0.15	0.15	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 05, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 05, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 05, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jun 05, 2019	0.10	0.12	0.10	100.0%
18950601	180	1343	MOORE	13132050	4	Jun 05, 2019	0.78	0.95	0.78	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	0.40	0.49	0.40	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 05, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 05, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jun 05, 2019	2.32	2.83	2.32	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 05, 2019	1.60	1.60	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 05, 2019	3.20	3.20	3.20	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 05, 2019	0.02	0.02	0.02	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 05, 2019	1.14	1.39	1.14	100.0%
18960601	96	457	MOORE	13132050	4	Jun 05, 2019	0.92	1.12	0.92	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 05, 2019	1.57	1.91	1.57	100.0%
18960601	96	461	MOORE	13132050	4	Jun 05, 2019	0.67	0.82	0.67	100.0%
18960601	417	381	MOORE	13132050	4	Jun 05, 2019	2.40	2.93	2.40	100.0%
18960601	144	1879	MOORE	13132050	4	Jun 05, 2019	1.26	1.54	1.26	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 05, 2019	0.40	0.49	0.40	100.0%
18960601	459	993	MOORE	13132050	4	Jun 05, 2019	0.40	0.49	0.40	100.0%
18960601	441	207	MOORE	13132050	4	Jun 05, 2019	1.00	1.22	1.00	100.0%
18960601	417	992	MOORE	13132050	4	Jun 05, 2019	1.20	1.46	1.20	100.0%
18960601	533	424	MOORE	13132050	4	Jun 05, 2019	0.11	0.13	0.11	100.0%
18960601	306	1695	MOORE	13132050	4	Jun 05, 2019	0.44	0.54	0.44	100.0%
18960601	263	397	MOORE	13132050	4	Jun 05, 2019	0.35	0.43	0.35	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 05, 2019	2.40	2.93	2.40	100.0%
18960601	263	399	MOORE	13132050	4	Jun 05, 2019	0.27	0.33	0.27	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 05, 2019	0.03	0.04	0.03	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 05, 2019	0.23	0.28	0.23	100.0%

18960601	652	1567	MOORE	13132050	4	Jun 05, 2019	0.60	0.73	0.60	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	0.04	0.04	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jun 05, 2019	0.41	0.50	0.41	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jun 05, 2019	0.70	0.85	0.70	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 05, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 05, 2019	1.90	2.79	1.90	100.0%
18960801	544	2206	SHARP	13126500	6	Jun 05, 2019	0.20	0.20	0.20	100.0%
18960901	437	671	ARCO	13132365	2	Jun 05, 2019	0.13	0.19	0.13	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 05, 2019	4.40	6.45	4.40	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 05, 2019	0.51	0.75	0.51	100.0%
18960928	15	80	MUNSEY	13132375	2	Jun 05, 2019	2.24	3.28	2.24	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 05, 2019	1.97	2.89	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 05, 2019	0.03	0.04	0.03	100.0%
18970510	437	664	ARCO	13132365	2	Jun 05, 2019	0.82	1.20	0.82	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 05, 2019	6.00	6.00	6.00	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jun 05, 2019	0.55	0.55	0.55	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 05, 2019	2.00	2.00	2.00	100.0%
18970601	533	427	MOORE	13132050	4	Jun 05, 2019	0.01	0.01	0.01	100.0%
18970601	306	1696	MOORE	13132050	4	Jun 05, 2019	0.16	0.20	0.16	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 05, 2019	0.70	0.70	0.70	100.0%
18970615	306	1697	MOORE	13132050	4	Jun 05, 2019	0.16	0.20	0.16	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jun 05, 2019	0.24	0.29	0.24	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jun 05, 2019	0.13	0.16	0.13	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 05, 2019	1.20	1.20	1.20	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	0.65	0.79	0.65	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	0.65	0.79	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jun 05, 2019	1.20	1.20	1.20	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 05, 2019	0.51	0.51	0.51	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 05, 2019	1.90	1.90	1.90	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 05, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 05, 2019	0.50	0.50	0.50	100.0%
18990327	433	272	MOORE	13132050	4	Jun 05, 2019	0.11	0.13	0.11	100.0%
18990327	187	1874	MOORE	13132050	4	Jun 05, 2019	0.01	0.01	0.01	100.0%
18990327	187	1873	MOORE	13132050	4	Jun 05, 2019	0.07	0.08	0.07	100.0%
18990327	14	2062	MOORE	13132050	4	Jun 05, 2019	0.01	0.01	0.01	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 05, 2019	0.21	0.25	0.21	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 05, 2019	0.01	0.01	0.01	100.0%
18990327	113	584	MOORE	13132050	4	Jun 05, 2019	0.03	0.04	0.03	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 05, 2019	2.72	3.99	2.72	100.0%
18990601	140	2071	MOORE	13132050	4	Jun 05, 2019	0.03	0.04	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 05, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 05, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 05, 2019	0.46	0.46	0.46	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 05, 2019	0.57	0.57	0.57	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 05, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 05, 2019	0.46	0.46	0.46	100.0%
19000924	318	543	MUNSEY	13132375	2	Jun 05, 2019	1.04	1.53	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 05, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	0.20	0.24	0.20	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 05, 2019	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 05, 2019	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jun 05, 2019	0.23	0.28	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jun 05, 2019	0.35	0.43	0.35	100.0%
19010901	70	339	MOORE	13132050	4	Jun 05, 2019	0.12	0.15	0.12	100.0%
19011001	263	396	MOORE	13132050	4	Jun 05, 2019	0.14	0.17	0.14	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 05, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 05, 2019	0.79	1.16	0.79	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 05, 2019	2.60	2.60	2.60	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	0.20	0.24	0.20	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	0.10	0.13	0.10	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	0.28	0.34	0.28	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 05, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 05, 2019	0.90	0.90	0.90	100.0%

19020301	373	24	CHILLY	13121105	9	Jun 05, 2019	1.60	1.60	1.60	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 05, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 05, 2019	0.60	0.60	0.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 05, 2019	3.40	3.40	3.40	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 05, 2019	0.60	0.60	0.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 05, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 05, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 05, 2019	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 05, 2019	6.16	6.16	6.16	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 05, 2019	2.70	3.29	2.70	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 05, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 05, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 05, 2019	1.08	1.08	1.08	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 05, 2019	1.35	1.35	1.35	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 05, 2019	0.30	0.30	0.30	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 05, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 05, 2019	1.08	1.08	1.08	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 05, 2019	1.40	1.40	1.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 05, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 05, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 05, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 05, 2019	1.60	1.95	1.60	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 05, 2019	0.34	0.34	0.34	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 05, 2019	0.42	0.42	0.42	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 05, 2019	0.08	0.08	0.08	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 05, 2019	0.34	0.34	0.34	100.0%
19040620	483	1514	CHILLY	13121105	9	Jun 05, 2019	0.04	0.04	0.04	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 05, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 05, 2019	0.13	0.13	0.13	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 05, 2019	0.65	0.65	0.65	100.0%
19050501	59	2145	KENT	13120605	9	Jun 05, 2019	0.67	0.67	0.67	100.0%
19050501	59	784	KENT	13120605	9	Jun 05, 2019	0.03	0.03	0.03	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 05, 2019	0.22	0.22	0.22	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 05, 2019	0.22	0.22	0.22	100.0%
19050501	59	784	BITTON	13120735	9	Jun 05, 2019	0.01	0.01	0.01	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 05, 2019	0.27	0.27	0.27	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 05, 2019	0.34	0.34	0.34	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 05, 2019	0.82	0.82	0.82	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 05, 2019	0.10	0.10	0.10	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 05, 2019	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 05, 2019	0.60	0.60	0.60	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 05, 2019	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 05, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 05, 2019	0.40	0.40	0.40	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 05, 2019	0.30	0.30	0.30	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 05, 2019	0.27	0.27	0.27	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 05, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 05, 2019	0.80	0.80	0.80	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 05, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 05, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 05, 2019	1.78	1.78	1.78	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 05, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 05, 2019	1.37	1.37	1.37	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 05, 2019	0.32	0.32	0.32	100.0%
19070711	59	2146	KENT	13120605	9	Jun 05, 2019	0.09	0.09	0.09	100.0%
19070711	59	786	KENT	13120605	9	Jun 05, 2019	0.04	0.04	0.04	97.4%
19070711	2610	2094	BITTON	13120735	9	Jun 05, 2019	0.11	0.11	0.11	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 05, 2019	0.03	0.03	0.03	100.0%
19070711	59	786	BITTON	13120735	9	Jun 05, 2019	0.01	0.01	0.01	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 05, 2019	0.16	0.16	0.16	100.0%
19081207	70	343	MOORE	13132050	4	Jun 05, 2019	0.17	0.21	0.17	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 05, 2019	0.50	0.61	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 05, 2019	0.33	0.40	0.33	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 05, 2019	0.04	0.04	0.04	100.0%

19100501	2610	2003	Donahue 1	13122230	8	Jun 05, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 05, 2019	2.76	2.76	2.76	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 05, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 05, 2019	0.78	0.78	0.78	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 05, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 05, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 05, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 05, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 05, 2019	0.30	0.30	0.30	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 05, 2019	0.13	0.16	0.13	100.0%
19130517	170	1416	MOORE	13132050	4	Jun 05, 2019	0.80	0.98	0.80	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 05, 2019	1.60	1.60	1.60	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 05, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 05, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 05, 2019	0.02	0.02	0.02	100.0%
19150504	373	434	CHILLY	13121105	9	Jun 05, 2019	0.22	0.22	0.22	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 05, 2019	0.10	0.10	0.10	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 05, 2019	0.12	0.12	0.12	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 05, 2019	0.10	0.10	0.10	100.0%
19160212	682	1054	NEILSEN	13120805	9	Jun 05, 2019	0.03	0.03	0.03	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 05, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	Jun 05, 2019	0.31	0.31	0.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 05, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 05, 2019	0.68	0.68	0.68	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 05, 2019	0.85	0.85	0.85	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 05, 2019	0.17	0.17	0.17	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 05, 2019	0.16	0.16	0.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 05, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 05, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 05, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 05, 2019	0.50	0.61	0.50	100.0%
19280501	12	165	MOORE	13132050	4	Jun 05, 2019	0.26	0.32	0.26	100.0%
19600501	90	175	MOORE	13132050	4	Jun 05, 2019	0.44	0.54	0.44	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 05, 2019	16.00	23.46	16.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 05, 2019	0.82	1.00	0.82	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 05, 2019	26.64	32.48	26.64	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 05, 2019	8.18	11.99	8.18	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jun 05, 2019	9.26	13.58	6.20	67.0%
19950411	476	1273	BECK	13130525	4	Jun 05, 2019	5.60	6.83	5.60	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 05, 2019	8.26	8.26	8.26	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 05, 2019	32.20	32.20	32.20	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 05, 2019	44.80	44.80	44.80	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 05, 2019	14.00	14.00	14.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 05, 2019	3.94	3.94	3.94	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jun 05, 2019	10.00	10.00	10.00	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 05, 2019	10.00	10.00	10.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 05, 2019	9969.40	9969.40	1095.81	11.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 6, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 6	2250.0	4.0	0.0	2254.0	0.00	2254.0	4.0	0.0	0.0	2250.0	0.0	0.0
9	Howell to Chilly	Jun 6	0.0	133.4	0.0	-2116.6	1.00	137.4	130.3	3.1	0.0	3.1	-3.1	0.0
8	Chilly to Reservoir	* Jun 6	1708.8	74.6	0.0	1783.4	0.00	1920.8	67.6	7.0	0.0	1719.0	-10.1	0.0
	Connected													
7	Mackay Reservoir	* Jun 6	917.3	0.0	0.0	0.0	0.00	1957.6	1225.3		0.0	493.7	423.6	0.0
6	Reservoir to 2B	Jun 6	906.0	11.3	0.0	0.0	0.00	1920.8	11.2	0.1	0.0	482.5	423.5	0.0
5	2B to Leslie	Jun 6	740.0	202.8	0.0	36.8	0.00	1957.6	178.9	23.9	0.0	340.3	399.7	0.0
4	Leslie to Moore	Jun 6	318.5	271.3	0.0	-150.2	0.20	1957.6	186.2	85.1	0.0	85.0	233.5	0.0
2	Moore to blw Munsey	Jun 6	185.0	86.5	0.0	-47.0	0.15	1957.6	72.5	14.0	0.0	0.0	185.0	0.0
1	Blw Munsey to Arco	Jun 6	179.0	0.0	0.0	-6.0	0.03	1957.6	0.0	0.0	0.0	0.0	179.0	0.0
								TOTAL	1876.0	133.2	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 6	0.0	0.0		20180101	12%
9	Howell to Chilly	Jun 6	0.0	0.0		20180101	12%
8	Chilly to Reservoir	Jun 6	0.0	0.0		20180101	12%
	Connected						
7	Mackay Reservoir	Jun 6	0.0	0.0		20180101	12%
6	Reservoir to 2B	Jun 6	0.0	0.0		20180101	12%
5	2B to Leslie	Jun 6	0.0	0.0		20180101	12%
4	Leslie to Moore	Jun 6	69.1	81.1		20180101	12%
2	Moore to blw Munsey	Jun 6	12.6	34.5		20180101	12%
1	Blw Munsey to Arco	Jun 6	0.0	6.0		20180101	12%
		TOTAL	81.7	121.6	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	234.8
2	18810630	1.7	294.0	124.8
3	18880601	3.2	556.5	234.8
4	18960601	6.4	1113.0	469.7
5	19020301	0.8	140.0	58.7
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	26721.2
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	71695.1

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
31310.0	32880.0	1570.0	791.5	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	27844.1
Total Storage Loss	-16124.4
Total Storage Deliver	-7308.6
Total Evaporation	-401.9
Accounting Balance	32879.1
Current Res Content	32880.0
Storage Balance Error	-0.9

DAILY STORAGE BALANCE

31310.0	Reservoir Content Previous Day [ac-ft]
32880.0	Reservoir Content Current Day [ac-ft]
1570.0	Physical Change in Storage [ac-ft]
2430.4	Storage Allocated to Mackay Reservoir [ac-ft]
-596.2	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-81.1	Leslie to Moore [cfs]
-34.5	Moore blw Munsey [cfs]
-6.0	blw Munsey to Arco Gage [cfs]
-179.0	Past Arco Gage [cfs]
-264.2	Storage Delivered [ac-ft]
10.1	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
23.9	2B to Leslie [cfs]
85.1	Leslie to Moore [cfs]
14.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Evaporation [ac-ft]
1570.0	Accounting Change in Storage [ac-ft]
0.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1708.8	Gain in/above Mackay Reservoir [cfs]
36.8	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
1745.6	Total Available Natural Flow [cfs]
1225.3	Reservoir Rights Diverted [cfs]
81.7	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
69.1	Leslie to Moore [cfs]
12.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
438.7	Natural Flow Delivered [cfs]
-10.1	Above Reservoir Storage Use [cfs]
11.2	Reservoir to 2B [cfs]
178.9	2B to Leslie [cfs]
186.2	Leslie to Moore [cfs]
72.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1745.7	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.9	595
Eastside Felton Wier +	23.7	1185
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	35.6	1780
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.6	128
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	65.0	3250
Island Babcock Delivery +	0.8	40
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.4	122
Island Wanstrom David +	0.0	0
Eastside OUT	15.0	750
Total Out	90.6	4530

Abbreviated Reach Delivery Factor 2.54
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 490.4%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 15.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 3.1 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 67.8%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 4.5 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 76.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 233.9%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 332.3%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 6, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	6.4	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.0	0.0	0.1	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.3	0.1	12.4
9	BITTON	2.0	0.0	0.1	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	26.4	5.6	172.8
9	Thalman Hunter D	5.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	62.4	8.3	537.7
9	NEILSEN	46.4	3.1	201.1	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	96.0	10.0	801.2
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	18.0	0.0	0.0
9	CHILLY	49.0	0.0	0.0	8	Broken River Pum	5.0	0.8	4.9	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	15.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	18.0	8.0	134.6
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	6.0	6.0	103.1
8	Donahue 1	0.9	0.8	58.7	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	4.0	4.0	71.4
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.9	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	166.8	22.1	1960.1
8	Mtn. Springs 1	5.4	5.4	156.9	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	76.5	46.8	3239.0
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.4	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	43.5	9.4	333.1
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	43.0	4.6	199.9
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.5	173.6	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 06, 2019	1.10	1.10	1.10	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 06, 2019	4.11	4.11	4.11	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 06, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 06, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 06, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 06, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 06, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 06, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 06, 2019	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 06, 2019	1.20	1.20	1.20	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 06, 2019	0.27	0.34	0.27	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 06, 2019	0.09	0.11	0.09	100.0%
18830601	221	855	MOORE	13132050	4	Jun 06, 2019	1.60	2.01	1.60	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 06, 2019	1.54	1.93	1.54	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 06, 2019	0.79	0.99	0.79	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 06, 2019	1.73	2.17	1.73	100.0%
18830810	263	393	MOORE	13132050	4	Jun 06, 2019	0.18	0.23	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 06, 2019	0.01	0.01	0.01	100.0%
18830810	96	449	MOORE	13132050	4	Jun 06, 2019	0.48	0.60	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 06, 2019	0.18	0.23	0.18	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	0.43	0.54	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	0.21	0.27	0.21	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	0.21	0.27	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 06, 2019	1.64	2.06	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 06, 2019	0.14	0.18	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 06, 2019	0.07	0.07	0.07	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 06, 2019	0.18	0.18	0.18	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 06, 2019	1.50	1.50	1.50	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 06, 2019	0.20	0.20	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 06, 2019	0.96	0.96	0.96	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 06, 2019	1.30	1.30	1.30	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 06, 2019	1.92	1.92	1.92	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 06, 2019	0.79	0.79	0.79	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 06, 2019	2.00	2.00	2.00	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 06, 2019	0.21	0.21	0.21	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 06, 2019	0.50	0.50	0.50	100.0%
18840422	284	228	SHARP	13126500	6	Jun 06, 2019	0.13	0.13	0.13	100.0%
18840422	2525	1903	SHARP	13126500	6	Jun 06, 2019	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 06, 2019	0.64	0.64	0.64	100.0%
18840422	544	2189	SHARP	13126500	6	Jun 06, 2019	1.00	1.00	1.00	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 06, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Jun 06, 2019	2.50	2.50	2.50	100.0%
18840430	141	1365	BECK	13130525	4	Jun 06, 2019	1.00	1.25	1.00	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 06, 2019	1.23	1.23	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 06, 2019	0.77	0.77	0.77	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 06, 2019	0.40	0.40	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 06, 2019	1.60	1.60	1.60	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 06, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 06, 2019	1.80	1.80	1.80	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 06, 2019	0.56	0.70	0.56	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 06, 2019	0.90	1.13	0.90	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 06, 2019	0.01	0.01	0.01	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 06, 2019	0.53	0.66	0.53	100.0%
18840520	427	1	MOORE	13132050	4	Jun 06, 2019	1.28	1.61	1.28	100.0%
18840520	433	271	MOORE	13132050	4	Jun 06, 2019	0.54	0.68	0.54	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 06, 2019	0.01	0.01	0.01	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 06, 2019	0.22	0.28	0.22	100.0%
18840520	96	451	MOORE	13132050	4	Jun 06, 2019	0.58	0.73	0.58	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 06, 2019	0.21	0.26	0.21	100.0%

18840520	113	585	MOORE	13132050	4	Jun 06, 2019	0.11	0.14	0.11	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 06, 2019	0.02	0.03	0.02	100.0%
18840520	156	2002	MOORE	13132050	4	Jun 06, 2019	0.38	0.48	0.38	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 06, 2019	0.18	0.23	0.18	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 06, 2019	2.24	2.81	2.24	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 06, 2019	0.04	0.05	0.04	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 06, 2019	0.78	0.98	0.78	100.0%
18840520	14	2002	MOORE	13132050	4	Jun 06, 2019	0.02	0.03	0.02	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 06, 2019	1.60	2.01	1.60	100.0%
18840520	263	394	MOORE	13132050	4	Jun 06, 2019	0.22	0.28	0.22	100.0%
18840520	14	2061	MOORE	13132050	4	Jun 06, 2019	0.04	0.05	0.04	100.0%
18840520	180	470	MOORE	13132050	4	Jun 06, 2019	0.16	0.20	0.16	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	0.80	1.00	0.80	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 06, 2019	0.54	0.68	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 06, 2019	0.09	0.11	0.09	100.0%
18840601	96	453	MOORE	13132050	4	Jun 06, 2019	0.21	0.26	0.21	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 06, 2019	1.28	1.61	1.28	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 06, 2019	0.01	0.01	0.01	100.0%
18840601	263	395	MOORE	13132050	4	Jun 06, 2019	0.08	0.10	0.08	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 06, 2019	0.08	0.10	0.08	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 06, 2019	0.16	0.20	0.16	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 06, 2019	0.27	0.27	0.27	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 06, 2019	0.37	0.37	0.37	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 06, 2019	0.20	0.20	0.20	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 06, 2019	0.40	0.40	0.40	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 06, 2019	0.23	0.23	0.23	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 06, 2019	0.40	0.40	0.40	100.0%
18840601	360	693	BURNETT	13127750	5	Jun 06, 2019	0.40	0.40	0.40	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 06, 2019	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 06, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 06, 2019	0.80	0.80	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 06, 2019	0.80	1.00	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 06, 2019	0.80	1.00	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 06, 2019	1.20	1.51	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jun 06, 2019	0.62	0.78	0.62	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 06, 2019	1.20	1.51	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jun 06, 2019	0.80	1.00	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 06, 2019	0.56	0.70	0.56	100.0%
18840831	306	1200	MOORE	13132050	4	Jun 06, 2019	0.20	0.25	0.20	100.0%
18840831	2330	422	MOORE	13132050	4	Jun 06, 2019	0.56	0.70	0.56	100.0%
18840831	306	1694	MOORE	13132050	4	Jun 06, 2019	0.58	0.73	0.58	100.0%
18840831	533	421	MOORE	13132050	4	Jun 06, 2019	0.14	0.18	0.14	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	0.40	0.50	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	0.50	0.63	0.50	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jun 06, 2019	1.31	1.64	1.31	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	0.40	0.50	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	0.44	0.55	0.44	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 06, 2019	3.20	4.01	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 06, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jun 06, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jun 06, 2019	1.76	2.21	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Jun 06, 2019	0.31	0.39	0.31	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 06, 2019	0.89	1.12	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Jun 06, 2019	0.58	0.73	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 06, 2019	1.25	1.57	1.25	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jun 06, 2019	0.40	0.40	0.40	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 06, 2019	1.20	1.20	1.20	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 06, 2019	1.19	1.19	1.19	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 06, 2019	2.78	2.78	2.78	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 06, 2019	3.30	3.30	3.30	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 06, 2019	0.74	0.74	0.74	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 06, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jun 06, 2019	0.66	0.66	0.66	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 06, 2019	1.65	1.65	1.65	100.0%

18850218	381	806	DARLINGTON	13127735	5	Jun 06, 2019	0.79	0.79	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 06, 2019	2.00	2.00	2.00	100.0%
18850501	468	59	ARCO	13132365	2	Jun 06, 2019	0.74	1.09	0.74	100.0%
18850501	426	887	ARCO	13132365	2	Jun 06, 2019	0.64	0.94	0.64	100.0%
18850501	423	186	ARCO	13132365	2	Jun 06, 2019	0.26	0.38	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Jun 06, 2019	0.20	0.29	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 06, 2019	0.24	0.30	0.24	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 06, 2019	0.20	0.25	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 06, 2019	1.80	2.26	1.80	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 06, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 06, 2019	0.50	0.50	0.50	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	0.20	0.25	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	1.30	1.63	1.30	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	0.20	0.25	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 06, 2019	0.30	0.38	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 06, 2019	0.72	0.90	0.72	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 06, 2019	0.56	0.70	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 06, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 06, 2019	0.11	0.11	0.11	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 06, 2019	0.19	0.19	0.19	100.0%
18850530	484	1718	BURNETT	13127750	5	Jun 06, 2019	0.01	0.01	0.01	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 06, 2019	1.56	1.95	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jun 06, 2019	0.04	0.06	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	2.76	3.46	2.76	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 06, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jun 06, 2019	0.44	0.55	0.44	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 06, 2019	1.20	1.51	1.20	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 06, 2019	1.00	1.00	1.00	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 06, 2019	0.36	0.36	0.36	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 06, 2019	1.31	1.31	1.31	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 06, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jun 06, 2019	0.80	0.80	0.80	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 06, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 06, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 06, 2019	0.54	0.54	0.54	100.0%
18851002	437	62	ARCO	13132365	2	Jun 06, 2019	1.54	2.27	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 06, 2019	3.60	5.30	3.60	100.0%
18851002	318	545	MUNSEY	13132375	2	Jun 06, 2019	0.75	1.10	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Jun 06, 2019	0.80	1.18	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 06, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 06, 2019	2.80	3.51	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 06, 2019	1.20	1.51	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 06, 2019	4.56	5.72	4.56	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 06, 2019	0.18	0.23	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jun 06, 2019	0.48	0.60	0.48	100.0%
18860512	263	398	MOORE	13132050	4	Jun 06, 2019	0.18	0.23	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 06, 2019	0.01	0.01	0.01	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	1.73	2.17	1.73	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 06, 2019	0.20	0.25	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 06, 2019	0.09	0.11	0.09	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 06, 2019	2.40	3.01	2.40	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	1.00	1.25	1.00	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	1.24	1.56	1.24	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	1.60	2.01	1.60	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 06, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 06, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 06, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	1.00	1.25	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 06, 2019	0.60	0.60	0.60	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 06, 2019	0.13	0.13	0.13	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 06, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jun 06, 2019	0.52	0.52	0.52	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 06, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 06, 2019	0.84	1.24	0.84	100.0%

18860901	605	955	Stoecklein 1	13124173	8	Jun 06, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 06, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 06, 2019	0.34	0.34	0.34	100.0%
18870313	459	338	MOORE	13132050	4	Jun 06, 2019	0.42	0.53	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jun 06, 2019	0.65	0.82	0.65	100.0%
18870313	70	337	MOORE	13132050	4	Jun 06, 2019	0.23	0.29	0.23	100.0%
18870313	433	683	MOORE	13132050	4	Jun 06, 2019	0.41	0.51	0.41	100.0%
18870313	73	2029	BURNETT	13127750	5	Jun 06, 2019	0.65	0.65	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 06, 2019	1.05	1.05	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 06, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 06, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 06, 2019	3.20	4.71	3.20	100.0%
18870601	468	893	ARCO	13132365	2	Jun 06, 2019	1.40	2.06	1.40	100.0%
18870601	423	76	ARCO	13132365	2	Jun 06, 2019	0.22	0.32	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 06, 2019	0.32	0.47	0.32	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 06, 2019	2.44	3.06	2.44	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 06, 2019	0.25	0.25	0.25	100.0%
18870601	73	2022	BURNETT	13127750	5	Jun 06, 2019	0.30	0.30	0.30	100.0%
18870601	490	1783	BURNETT	13127750	5	Jun 06, 2019	0.53	0.53	0.53	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 06, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 06, 2019	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 06, 2019	0.51	0.51	0.51	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 06, 2019	1.90	1.90	1.90	100.0%
18870630	236	1428	BECK	13130525	4	Jun 06, 2019	0.36	0.45	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 06, 2019	0.60	0.60	0.60	100.0%
18870801	623	2203	BURNETT	13127750	5	Jun 06, 2019	0.53	0.53	0.53	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 06, 2019	0.43	0.43	0.43	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 06, 2019	0.54	0.54	0.54	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 06, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 06, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jun 06, 2019	0.33	0.49	0.33	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jun 06, 2019	0.50	0.50	0.50	100.0%
18880601	347	1973	SHARP	13126500	6	Jun 06, 2019	0.84	0.84	0.84	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 06, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 06, 2019	0.25	0.25	0.25	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 06, 2019	0.95	0.95	0.95	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 06, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 06, 2019	0.40	0.59	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 06, 2019	0.64	0.64	0.64	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 06, 2019	0.81	0.81	0.81	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 06, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 06, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 06, 2019	1.16	1.16	1.16	100.0%
18881101	59	2222	KENT	13120605	9	Jun 06, 2019	1.25	1.25	1.25	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 06, 2019	0.39	0.39	0.39	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 06, 2019	0.42	0.42	0.42	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 06, 2019	0.08	0.10	0.08	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 06, 2019	0.50	0.63	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jun 06, 2019	0.97	1.22	0.97	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 06, 2019	2.30	2.30	2.30	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 06, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 06, 2019	0.70	0.70	0.70	100.0%
18890601	322	968	BURNETT	13127750	5	Jun 06, 2019	0.80	0.80	0.80	100.0%
18900601	426	756	ARCO	13132365	2	Jun 06, 2019	0.57	0.84	0.57	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 06, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 06, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 06, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 06, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 06, 2019	0.24	0.24	0.24	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 06, 2019	0.60	0.75	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jun 06, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 06, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 06, 2019	0.22	0.28	0.22	100.0%
18920101	2615	1643	MOORE	13132050	4	Jun 06, 2019	0.80	1.00	0.80	100.0%

18920501	468	60	ARCO	13132365	2	Jun 06, 2019	0.66	0.97	0.66	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 06, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 06, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jun 06, 2019	0.22	0.28	0.22	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 06, 2019	0.30	0.38	0.30	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 06, 2019	0.30	0.38	0.30	100.0%
18930323	77	366	MOORE	13132050	4	Jun 06, 2019	1.60	2.01	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jun 06, 2019	1.12	1.41	1.12	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 06, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	Jun 06, 2019	0.04	0.04	0.04	100.0%
18931101	59	2223	KENT	13120605	9	Jun 06, 2019	0.89	0.89	0.89	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 06, 2019	0.87	0.87	0.87	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 06, 2019	0.01	0.01	0.01	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 06, 2019	0.30	0.30	0.30	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 06, 2019	0.29	0.29	0.29	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 06, 2019	2.80	2.80	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 06, 2019	0.96	0.96	0.96	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 06, 2019	0.44	0.44	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 06, 2019	0.40	0.40	0.40	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 06, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 06, 2019	2.98	2.98	2.98	100.0%
18940601	417	379	MOORE	13132050	4	Jun 06, 2019	0.15	0.19	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	1.56	1.96	1.56	100.0%
18940601	2525	1904	SHARP	13126500	6	Jun 06, 2019	0.06	0.06	0.06	100.0%
18940601	284	229	SHARP	13126500	6	Jun 06, 2019	0.15	0.15	0.15	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 06, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 06, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 06, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	Jun 06, 2019	0.80	1.00	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Jun 06, 2019	0.10	0.13	0.10	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	0.40	0.50	0.40	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 06, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 06, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jun 06, 2019	1.98	2.48	1.98	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 06, 2019	1.60	1.60	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 06, 2019	3.20	3.20	3.20	100.0%
18960601	417	992	MOORE	13132050	4	Jun 06, 2019	1.20	1.51	1.20	100.0%
18960601	263	399	MOORE	13132050	4	Jun 06, 2019	0.27	0.34	0.27	100.0%
18960601	263	397	MOORE	13132050	4	Jun 06, 2019	0.35	0.44	0.35	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 06, 2019	0.60	0.75	0.60	100.0%
18960601	441	207	MOORE	13132050	4	Jun 06, 2019	1.00	1.25	1.00	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 06, 2019	0.23	0.29	0.23	100.0%
18960601	96	457	MOORE	13132050	4	Jun 06, 2019	0.92	1.15	0.92	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 06, 2019	0.76	0.95	0.76	100.0%
18960601	459	993	MOORE	13132050	4	Jun 06, 2019	0.40	0.50	0.40	100.0%
18960601	144	1879	MOORE	13132050	4	Jun 06, 2019	1.06	1.33	1.06	100.0%
18960601	306	1695	MOORE	13132050	4	Jun 06, 2019	0.44	0.55	0.44	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 06, 2019	1.57	1.97	1.57	100.0%
18960601	96	461	MOORE	13132050	4	Jun 06, 2019	0.17	0.21	0.17	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 06, 2019	0.40	0.50	0.40	100.0%
18960601	533	424	MOORE	13132050	4	Jun 06, 2019	0.08	0.10	0.08	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 06, 2019	0.03	0.04	0.03	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 06, 2019	2.40	3.01	2.40	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 06, 2019	0.02	0.03	0.02	100.0%
18960601	417	381	MOORE	13132050	4	Jun 06, 2019	2.40	3.01	2.40	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jun 06, 2019	0.70	0.88	0.70	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jun 06, 2019	0.41	0.51	0.41	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	0.04	0.04	0.04	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 06, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 06, 2019	2.00	2.94	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jun 06, 2019	0.40	0.40	0.40	100.0%
18960901	437	671	ARCO	13132365	2	Jun 06, 2019	0.13	0.19	0.13	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 06, 2019	4.40	6.48	4.40	100.0%

18960928	407	307	MUNSEY	13132375	2	Jun 06, 2019	0.51	0.75	0.51	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 06, 2019	1.97	2.90	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 06, 2019	0.03	0.04	0.03	100.0%
18970510	437	664	ARCO	13132365	2	Jun 06, 2019	0.82	1.21	0.82	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jun 06, 2019	0.55	0.55	0.55	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 06, 2019	6.00	6.00	6.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 06, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jun 06, 2019	0.16	0.20	0.16	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 06, 2019	0.70	0.70	0.70	100.0%
18970615	306	1697	MOORE	13132050	4	Jun 06, 2019	0.16	0.20	0.16	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jun 06, 2019	0.13	0.16	0.13	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jun 06, 2019	0.24	0.30	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 06, 2019	1.20	1.20	1.20	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	0.65	0.82	0.65	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	0.65	0.82	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jun 06, 2019	1.20	1.20	1.20	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 06, 2019	0.51	0.51	0.51	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 06, 2019	1.90	1.90	1.90	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 06, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 06, 2019	0.50	0.50	0.50	100.0%
18990327	14	2062	MOORE	13132050	4	Jun 06, 2019	0.01	0.01	0.01	100.0%
18990327	180	468	MOORE	13132050	4	Jun 06, 2019	0.05	0.06	0.05	100.0%
18990327	187	1873	MOORE	13132050	4	Jun 06, 2019	0.05	0.06	0.05	100.0%
18990327	113	584	MOORE	13132050	4	Jun 06, 2019	0.03	0.04	0.03	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 06, 2019	0.01	0.01	0.01	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 06, 2019	0.21	0.26	0.21	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 06, 2019	2.72	4.00	2.72	100.0%
18990601	140	2071	MOORE	13132050	4	Jun 06, 2019	0.03	0.04	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jun 06, 2019	0.69	0.87	0.69	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 06, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 06, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 06, 2019	0.46	0.46	0.46	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 06, 2019	0.57	0.57	0.57	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 06, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 06, 2019	0.46	0.46	0.46	100.0%
19000924	318	543	MUNSEY	13132375	2	Jun 06, 2019	1.04	1.53	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 06, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	0.20	0.25	0.20	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 06, 2019	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 06, 2019	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jun 06, 2019	0.23	0.29	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jun 06, 2019	0.35	0.44	0.35	100.0%
19010901	70	339	MOORE	13132050	4	Jun 06, 2019	0.12	0.15	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 06, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jun 06, 2019	0.14	0.18	0.14	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 06, 2019	0.79	1.16	0.79	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 06, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	0.10	0.13	0.10	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	0.20	0.25	0.20	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	0.28	0.35	0.28	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 06, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 06, 2019	0.90	0.90	0.90	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 06, 2019	0.60	0.60	0.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 06, 2019	3.20	3.20	3.20	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 06, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 06, 2019	3.40	3.40	3.40	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 06, 2019	0.60	0.60	0.60	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 06, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 06, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 06, 2019	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 06, 2019	6.16	6.16	6.16	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 06, 2019	2.70	3.39	2.70	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 06, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 06, 2019	3.70	3.70	3.70	100.0%

19020601	279	2126	Anderson	13120745	9	Jun 06, 2019	1.08	1.08	1.08	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 06, 2019	1.35	1.35	1.35	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 06, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 06, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 06, 2019	0.30	0.30	0.30	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 06, 2019	1.40	1.40	1.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 06, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 06, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 06, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 06, 2019	1.60	2.01	1.60	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 06, 2019	0.34	0.34	0.34	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 06, 2019	0.42	0.42	0.42	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 06, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 06, 2019	0.08	0.08	0.08	100.0%
19040620	483	1514	CHILLY	13121105	9	Jun 06, 2019	0.04	0.04	0.04	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 06, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 06, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 06, 2019	0.13	0.13	0.13	100.0%
19050501	59	2145	KENT	13120605	9	Jun 06, 2019	0.67	0.67	0.67	100.0%
19050501	59	784	KENT	13120605	9	Jun 06, 2019	0.03	0.03	0.03	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 06, 2019	0.65	0.65	0.65	100.0%
19050501	59	784	BITTON	13120735	9	Jun 06, 2019	0.01	0.01	0.01	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 06, 2019	0.22	0.22	0.22	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 06, 2019	0.22	0.22	0.22	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 06, 2019	0.27	0.27	0.27	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 06, 2019	0.34	0.34	0.34	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 06, 2019	0.65	0.65	0.65	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 06, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 06, 2019	0.40	0.40	0.40	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 06, 2019	0.10	0.10	0.10	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 06, 2019	0.30	0.30	0.30	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 06, 2019	0.27	0.27	0.27	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 06, 2019	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 06, 2019	0.60	0.60	0.60	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 06, 2019	3.00	3.00	3.00	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 06, 2019	0.78	0.78	0.78	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 06, 2019	0.80	0.80	0.80	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 06, 2019	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 06, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 06, 2019	1.78	1.78	1.78	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 06, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 06, 2019	1.37	1.37	1.37	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 06, 2019	0.32	0.32	0.32	100.0%
19070711	59	2146	KENT	13120605	9	Jun 06, 2019	0.09	0.09	0.09	100.0%
19070711	59	786	KENT	13120605	9	Jun 06, 2019	0.04	0.04	0.04	97.4%
19070711	59	2146	BITTON	13120735	9	Jun 06, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 06, 2019	0.11	0.11	0.11	100.0%
19070711	59	786	BITTON	13120735	9	Jun 06, 2019	0.01	0.01	0.01	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 06, 2019	0.16	0.16	0.16	100.0%
19081207	70	343	MOORE	13132050	4	Jun 06, 2019	0.17	0.21	0.17	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 06, 2019	0.50	0.63	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 06, 2019	0.33	0.41	0.33	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jun 06, 2019	2.00	2.00	2.00	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 06, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 06, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 06, 2019	2.76	2.76	2.76	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 06, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 06, 2019	0.78	0.78	0.78	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 06, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 06, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 06, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 06, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 06, 2019	0.30	0.30	0.30	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 06, 2019	0.13	0.16	0.13	100.0%

19130517	170	1416	MOORE	13132050	4	Jun 06, 2019	0.54	0.68	0.54	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 06, 2019	1.60	1.60	1.60	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 06, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 06, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 06, 2019	0.18	0.18	0.18	100.0%
19150504	373	434	CHILLY	13121105	9	Jun 06, 2019	0.22	0.22	0.22	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 06, 2019	0.10	0.10	0.10	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 06, 2019	0.12	0.12	0.12	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 06, 2019	0.10	0.10	0.10	100.0%
19160212	682	1054	NEILSEN	13120805	9	Jun 06, 2019	0.03	0.03	0.03	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 06, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	Jun 06, 2019	0.31	0.31	0.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 06, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 06, 2019	0.68	0.68	0.68	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 06, 2019	0.85	0.85	0.85	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 06, 2019	0.17	0.17	0.17	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 06, 2019	0.16	0.16	0.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 06, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 06, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 06, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 06, 2019	0.50	0.63	0.50	100.0%
19280501	12	165	MOORE	13132050	4	Jun 06, 2019	0.10	0.13	0.10	100.0%
19600501	90	175	MOORE	13132050	4	Jun 06, 2019	0.44	0.55	0.44	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 06, 2019	3.70	5.45	3.70	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 06, 2019	16.00	23.55	16.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 06, 2019	0.82	1.03	0.82	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 06, 2019	64.12	80.45	64.12	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 06, 2019	18.68	27.50	18.68	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jun 06, 2019	3.22	4.74	3.22	100.0%
19950411	476	1273	BECK	13130525	4	Jun 06, 2019	4.80	6.02	4.80	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 06, 2019	8.26	8.26	8.26	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 06, 2019	32.94	32.94	32.94	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 06, 2019	47.60	47.60	47.60	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 06, 2019	18.00	18.00	18.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 06, 2019	3.74	3.74	3.74	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jun 06, 2019	10.00	10.00	10.00	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 06, 2019	10.00	10.00	10.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 06, 2019	9969.40	9969.40	1209.98	12.1%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 7, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 7	2550.0	4.0	0.0	2554.0	0.00	2554.0	4.0	0.0	0.0	2550.0	0.0	0.0
9	Howell to Chilly	Jun 7	0.0	133.4	0.0	-2416.6	1.00	137.4	130.3	3.1	0.0	3.1	-3.1	0.0
8	Chilly to Reservoir	* Jun 7	1926.4	74.6	0.0	2001.0	0.00	2138.4	67.6	7.0	0.0	1936.5	-10.1	0.0
	Connected													
7	Mackay Reservoir	* Jun 7	952.0	0.0	0.0	0.0	0.00	2189.2	1432.0		0.0	504.6	447.4	0.0
6	Reservoir to 2B	Jun 7	941.0	11.0	0.0	0.0	0.00	2138.4	10.9	0.1	0.0	493.7	447.3	0.0
5	2B to Leslie	Jun 7	769.0	222.8	0.0	50.8	0.00	2189.2	200.7	22.1	0.0	343.7	425.3	0.0
4	Leslie to Moore	Jun 7	325.2	277.1	0.0	-166.7	0.22	2189.2	182.4	94.6	0.0	86.8	238.5	0.0
2	Moore to blw Munsey	Jun 7	189.0	86.5	0.0	-49.7	0.15	2189.2	73.5	13.0	0.0	0.0	189.0	0.0
1	Blw Munsey to Arco	Jun 7	182.0	0.0	0.0	-7.0	0.04	2189.2	0.0	0.0	0.0	0.0	182.0	0.0
							TOTAL		2101.4	139.9	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 7	0.0	0.0		20180101	14%
9	Howell to Chilly	Jun 7	0.0	0.0		20180101	14%
8	Chilly to Reservoir	Jun 7	0.0	0.0		20180101	14%
	Connected						
7	Mackay Reservoir	Jun 7	0.0	0.0		20180101	14%
6	Reservoir to 2B	Jun 7	0.0	0.0		20180101	14%
5	2B to Leslie	Jun 7	0.0	0.0		20180101	14%
4	Leslie to Moore	Jun 7	74.5	92.2		20180101	14%
2	Moore to blw Munsey	Jun 7	13.3	36.5		20180101	14%
1	Blw Munsey to Arco	Jun 7	0.0	7.0		20180101	14%
		TOTAL	87.8	135.7	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	241.2
2	18810630	1.7	294.0	128.1
3	18880601	3.2	556.5	241.2
4	18960601	6.4	1113.0	482.4
5	19020301	0.8	140.0	60.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	29531.2
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	74535.4

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
32880.0	34810.0	1930.0	973.0	1.4

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	30684.4
Total Storage Loss	-16754.6
Total Storage Deliver	-7586.1
Total Evaporation	-404.7
Accounting Balance	34809.0
Current Res Content	34810.0
Storage Balance Error	-1.0

DAILY STORAGE BALANCE

32880.0	Reservoir Content Previous Day [ac-ft]
34810.0	Reservoir Content Current Day [ac-ft]
1930.0	Physical Change in Storage [ac-ft]
2840.4	Storage Allocated to Mackay Reservoir [ac-ft]
-630.2	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-92.2	Leslie to Moore [cfs]
-36.5	Moore blw Munsey [cfs]
-7.0	blw Munsey to Arco Gage [cfs]
-182.0	Past Arco Gage [cfs]
-277.5	Storage Delivered [ac-ft]
10.1	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
22.1	2B to Leslie [cfs]
94.6	Leslie to Moore [cfs]
13.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-2.8	Evaporation [ac-ft]
1929.9	Accounting Change in Storage [ac-ft]
-0.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1926.4	Gain in/above Mackay Reservoir [cfs]
50.8	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
1977.2	Total Available Natural Flow [cfs]
1432.0	Reservoir Rights Diverted [cfs]
87.8	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
74.5	Leslie to Moore [cfs]
13.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
457.4	Natural Flow Delivered [cfs]
-10.1	Above Reservoir Storage Use [cfs]
10.9	Reservoir to 2B [cfs]
200.7	2B to Leslie [cfs]
182.4	Leslie to Moore [cfs]
73.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1977.2	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	12.3	615
Eastside Felton Wier +	23.4	1170
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	35.7	1785
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.6	128
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	66.6	3328
Island Babcock Delivery +	0.8	40
Island Felton Farms Delivery +	1.4	72
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.4	122
Island Wanstrom David +	0.0	0
Eastside OUT	13.8	690
Total Out	92.4	4620

Abbreviated Reach Delivery Factor 2.59
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 502.3%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 13.8 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 2.7 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 64.8%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 4.2 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 79.8 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 231.0%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 325.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 7, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	6.4	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.0	0.0	0.1	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.0	0.1	12.6
9	BITTON	2.0	0.0	0.1	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	26.0	5.6	183.9
9	Thalman Hunter D	5.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	78.8	8.5	554.5
9	NEILSEN	46.4	3.1	207.3	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	100.0	8.0	817.1
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	18.0	0.0	0.0
9	CHILLY	49.0	0.0	0.0	8	Broken River Pum	5.0	0.8	6.5	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	15.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	18.0	12.0	158.5
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	6.0	6.0	115.0
8	Donahue 1	0.9	0.8	60.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	4.0	4.0	79.3
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.9	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	169.3	25.7	2011.0
8	Mtn. Springs 1	5.4	5.4	167.5	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	79.8	48.8	3335.8
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.4	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	43.5	9.6	352.2
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	43.0	3.4	206.6
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.5	184.5	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 07, 2019	1.10	1.10	1.10	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 07, 2019	4.11	4.11	4.11	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 07, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 07, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 07, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 07, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 07, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 07, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 07, 2019	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 07, 2019	1.20	1.20	1.20	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 07, 2019	0.09	0.11	0.09	100.0%
18830601	221	855	MOORE	13132050	4	Jun 07, 2019	1.60	2.04	1.60	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 07, 2019	1.54	1.97	1.54	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 07, 2019	0.79	1.01	0.79	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 07, 2019	0.27	0.35	0.27	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 07, 2019	1.73	2.21	1.73	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 07, 2019	1.13	1.44	1.13	100.0%
18830810	263	393	MOORE	13132050	4	Jun 07, 2019	0.18	0.23	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 07, 2019	0.18	0.23	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jun 07, 2019	0.48	0.61	0.48	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 07, 2019	0.01	0.01	0.01	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	0.21	0.27	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	0.43	0.55	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	0.21	0.27	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 07, 2019	1.64	2.09	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 07, 2019	0.14	0.18	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 07, 2019	0.07	0.07	0.07	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 07, 2019	1.12	1.12	1.12	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 07, 2019	1.50	1.50	1.50	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 07, 2019	0.18	0.18	0.18	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 07, 2019	0.96	0.96	0.96	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 07, 2019	1.30	1.30	1.30	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 07, 2019	0.20	0.20	0.20	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 07, 2019	1.20	1.20	1.20	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 07, 2019	1.92	1.92	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 07, 2019	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 07, 2019	2.00	2.00	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 07, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 07, 2019	0.21	0.21	0.21	100.0%
18840422	2525	1903	SHARP	13126500	6	Jun 07, 2019	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	Jun 07, 2019	2.50	2.50	2.50	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 07, 2019	0.64	0.64	0.64	100.0%
18840422	284	228	SHARP	13126500	6	Jun 07, 2019	0.13	0.13	0.13	100.0%
18840422	544	2189	SHARP	13126500	6	Jun 07, 2019	1.00	1.00	1.00	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 07, 2019	0.12	0.12	0.12	100.0%
18840430	141	1365	BECK	13130525	4	Jun 07, 2019	1.00	1.28	1.00	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 07, 2019	0.40	0.40	0.40	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 07, 2019	1.23	1.23	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 07, 2019	0.77	0.77	0.77	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 07, 2019	1.60	1.60	1.60	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 07, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 07, 2019	1.80	1.80	1.80	100.0%
18840520	433	271	MOORE	13132050	4	Jun 07, 2019	0.54	0.69	0.54	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 07, 2019	0.02	0.03	0.02	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 07, 2019	0.04	0.05	0.04	100.0%
18840520	427	1	MOORE	13132050	4	Jun 07, 2019	1.26	1.61	1.26	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 07, 2019	0.01	0.01	0.01	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 07, 2019	0.18	0.23	0.18	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 07, 2019	1.60	2.04	1.60	100.0%

18840520	263	394	MOORE	13132050	4	Jun 07, 2019	0.22	0.28	0.22	100.0%
18840520	180	470	MOORE	13132050	4	Jun 07, 2019	0.16	0.20	0.16	100.0%
18840520	156	2002	MOORE	13132050	4	Jun 07, 2019	0.38	0.49	0.38	100.0%
18840520	113	585	MOORE	13132050	4	Jun 07, 2019	0.11	0.14	0.11	100.0%
18840520	96	451	MOORE	13132050	4	Jun 07, 2019	0.58	0.74	0.58	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 07, 2019	0.21	0.27	0.21	100.0%
18840520	14	2061	MOORE	13132050	4	Jun 07, 2019	0.04	0.05	0.04	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 07, 2019	0.22	0.28	0.22	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 07, 2019	2.24	2.86	2.24	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 07, 2019	0.78	1.00	0.78	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 07, 2019	0.56	0.71	0.56	100.0%
18840520	14	2002	MOORE	13132050	4	Jun 07, 2019	0.02	0.03	0.02	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 07, 2019	0.01	0.01	0.01	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 07, 2019	0.90	1.15	0.90	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 07, 2019	0.49	0.63	0.49	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	0.80	1.02	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 07, 2019	0.48	0.48	0.48	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 07, 2019	0.01	0.01	0.01	100.0%
18840601	263	395	MOORE	13132050	4	Jun 07, 2019	0.08	0.10	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 07, 2019	0.54	0.69	0.54	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 07, 2019	1.28	1.63	1.28	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 07, 2019	0.08	0.10	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Jun 07, 2019	0.21	0.27	0.21	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 07, 2019	0.09	0.11	0.09	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 07, 2019	0.16	0.20	0.16	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 07, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 07, 2019	0.27	0.27	0.27	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 07, 2019	0.40	0.40	0.40	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 07, 2019	0.23	0.23	0.23	100.0%
18840601	360	693	BURNETT	13127750	5	Jun 07, 2019	0.40	0.40	0.40	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 07, 2019	0.37	0.37	0.37	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 07, 2019	0.40	0.40	0.40	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 07, 2019	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 07, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 07, 2019	0.40	0.40	0.40	100.0%
18840715	133	324	MOORE	13132050	4	Jun 07, 2019	0.60	0.77	0.60	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 07, 2019	1.20	1.53	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 07, 2019	0.80	1.02	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 07, 2019	1.20	1.53	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jun 07, 2019	0.80	1.02	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 07, 2019	0.25	0.32	0.25	100.0%
18840831	306	1694	MOORE	13132050	4	Jun 07, 2019	0.58	0.74	0.58	100.0%
18840831	2330	422	MOORE	13132050	4	Jun 07, 2019	0.56	0.71	0.56	100.0%
18840831	306	1200	MOORE	13132050	4	Jun 07, 2019	0.20	0.26	0.20	100.0%
18840831	533	421	MOORE	13132050	4	Jun 07, 2019	0.14	0.18	0.14	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	0.44	0.56	0.44	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	0.50	0.64	0.50	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	0.40	0.51	0.40	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	0.40	0.51	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jun 07, 2019	1.31	1.67	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 07, 2019	3.20	4.09	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 07, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jun 07, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jun 07, 2019	1.76	2.25	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 07, 2019	1.25	1.60	1.25	100.0%
18841012	70	341	MOORE	13132050	4	Jun 07, 2019	0.31	0.40	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Jun 07, 2019	0.58	0.74	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 07, 2019	0.89	1.14	0.89	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 07, 2019	1.20	1.20	1.20	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 07, 2019	3.30	3.30	3.30	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 07, 2019	2.78	2.78	2.78	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jun 07, 2019	0.40	0.40	0.40	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 07, 2019	1.19	1.19	1.19	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 07, 2019	0.74	0.74	0.74	100.0%

18841012	220	1667	DARLINGTON	13127735	5	Jun 07, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jun 07, 2019	0.66	0.66	0.66	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 07, 2019	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 07, 2019	1.65	1.65	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 07, 2019	0.79	0.79	0.79	100.0%
18850501	468	59	ARCO	13132365	2	Jun 07, 2019	0.74	1.12	0.74	100.0%
18850501	426	887	ARCO	13132365	2	Jun 07, 2019	0.64	0.96	0.64	100.0%
18850501	423	186	ARCO	13132365	2	Jun 07, 2019	0.26	0.39	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Jun 07, 2019	0.20	0.30	0.20	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jun 07, 2019	1.44	1.84	1.44	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 07, 2019	0.24	0.31	0.24	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 07, 2019	0.20	0.26	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 07, 2019	1.80	2.30	1.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 07, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 07, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	0.20	0.26	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	0.20	0.26	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	1.30	1.66	1.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 07, 2019	0.70	0.89	0.70	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 07, 2019	0.30	0.38	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 07, 2019	0.56	0.71	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 07, 2019	0.19	0.19	0.19	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 07, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jun 07, 2019	0.01	0.01	0.01	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 07, 2019	1.37	1.37	1.37	100.0%
18850531	413	1353	MOORE	13132050	4	Jun 07, 2019	0.04	0.06	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 07, 2019	1.56	1.99	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	2.76	3.52	2.76	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 07, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jun 07, 2019	0.44	0.56	0.44	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 07, 2019	1.20	1.53	1.20	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 07, 2019	1.31	1.31	1.31	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 07, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 07, 2019	1.00	1.00	1.00	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 07, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jun 07, 2019	0.80	0.80	0.80	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 07, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 07, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 07, 2019	0.54	0.54	0.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 07, 2019	3.60	5.43	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Jun 07, 2019	1.54	2.32	1.54	100.0%
18851002	318	545	MUNSEY	13132375	2	Jun 07, 2019	0.75	1.13	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Jun 07, 2019	0.80	1.21	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 07, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 07, 2019	2.80	3.57	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 07, 2019	1.20	1.53	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 07, 2019	4.56	5.82	4.56	100.0%
18860512	263	398	MOORE	13132050	4	Jun 07, 2019	0.18	0.23	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 07, 2019	0.01	0.01	0.01	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 07, 2019	0.18	0.23	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jun 07, 2019	0.48	0.61	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	1.73	2.21	1.73	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 07, 2019	0.09	0.11	0.09	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 07, 2019	2.40	3.06	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 07, 2019	0.20	0.26	0.20	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	1.60	2.04	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	1.24	1.58	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	1.00	1.28	1.00	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 07, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 07, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 07, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	1.00	1.28	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 07, 2019	0.60	0.60	0.60	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 07, 2019	0.13	0.13	0.13	100.0%

18860721	484	1673	BURNETT	13127750	5	Jun 07, 2019	0.52	0.52	0.52	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 07, 2019	0.80	0.80	0.80	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 07, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 07, 2019	0.84	1.27	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 07, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 07, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 07, 2019	1.26	1.26	1.26	100.0%
18870313	70	337	MOORE	13132050	4	Jun 07, 2019	0.23	0.29	0.23	100.0%
18870313	433	683	MOORE	13132050	4	Jun 07, 2019	0.39	0.50	0.39	100.0%
18870313	459	338	MOORE	13132050	4	Jun 07, 2019	0.42	0.54	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jun 07, 2019	0.65	0.83	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 07, 2019	1.05	1.05	1.05	100.0%
18870313	73	2029	BURNETT	13127750	5	Jun 07, 2019	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 07, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 07, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 07, 2019	3.20	4.82	3.20	100.0%
18870601	423	76	ARCO	13132365	2	Jun 07, 2019	0.22	0.33	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 07, 2019	0.32	0.48	0.32	100.0%
18870601	468	893	ARCO	13132365	2	Jun 07, 2019	0.86	1.30	0.86	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jun 07, 2019	0.50	0.75	0.50	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 07, 2019	2.44	3.12	2.44	100.0%
18870601	73	2022	BURNETT	13127750	5	Jun 07, 2019	0.30	0.30	0.30	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 07, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jun 07, 2019	0.53	0.53	0.53	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 07, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 07, 2019	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 07, 2019	0.51	0.51	0.51	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 07, 2019	1.90	1.90	1.90	100.0%
18870630	236	1428	BECK	13130525	4	Jun 07, 2019	0.36	0.46	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 07, 2019	0.60	0.60	0.60	100.0%
18870801	623	2203	BURNETT	13127750	5	Jun 07, 2019	0.53	0.53	0.53	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 07, 2019	0.43	0.43	0.43	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 07, 2019	0.54	0.54	0.54	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 07, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 07, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jun 07, 2019	0.33	0.50	0.33	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jun 07, 2019	0.50	0.50	0.50	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 07, 2019	0.74	0.74	0.74	100.0%
18880601	347	1973	SHARP	13126500	6	Jun 07, 2019	0.84	0.84	0.84	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 07, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 07, 2019	0.25	0.25	0.25	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 07, 2019	0.95	0.95	0.95	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 07, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 07, 2019	0.40	0.60	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 07, 2019	0.64	0.64	0.64	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 07, 2019	0.81	0.81	0.81	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 07, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 07, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 07, 2019	1.16	1.16	1.16	100.0%
18881101	59	2222	KENT	13120605	9	Jun 07, 2019	1.25	1.25	1.25	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 07, 2019	0.42	0.42	0.42	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 07, 2019	0.39	0.39	0.39	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 07, 2019	0.08	0.10	0.08	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 07, 2019	0.50	0.64	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jun 07, 2019	0.97	1.24	0.97	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 07, 2019	2.30	2.30	2.30	100.0%
18890601	322	968	BURNETT	13127750	5	Jun 07, 2019	0.80	0.80	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 07, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 07, 2019	0.70	0.70	0.70	100.0%
18900601	426	756	ARCO	13132365	2	Jun 07, 2019	0.57	0.86	0.57	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 07, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 07, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 07, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 07, 2019	1.76	1.76	1.76	100.0%

18910531	498	778	BRADSHAW	13120705	9	Jun 07, 2019	0.24	0.24	0.24	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 07, 2019	0.60	0.77	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jun 07, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 07, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 07, 2019	0.22	0.28	0.22	100.0%
18920101	2615	1643	MOORE	13132050	4	Jun 07, 2019	0.78	1.00	0.78	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 07, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 07, 2019	1.45	1.45	1.45	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 07, 2019	0.30	0.38	0.30	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 07, 2019	0.30	0.38	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 07, 2019	0.22	0.28	0.22	100.0%
18930323	77	366	MOORE	13132050	4	Jun 07, 2019	1.60	2.04	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jun 07, 2019	1.10	1.40	1.10	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 07, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 07, 2019	0.87	0.87	0.87	100.0%
18931101	59	1279	KENT	13120605	9	Jun 07, 2019	0.04	0.04	0.04	100.0%
18931101	59	2223	KENT	13120605	9	Jun 07, 2019	0.89	0.89	0.89	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 07, 2019	0.29	0.29	0.29	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 07, 2019	0.30	0.30	0.30	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 07, 2019	0.01	0.01	0.01	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 07, 2019	0.44	0.44	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 07, 2019	0.40	0.40	0.40	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 07, 2019	0.96	0.96	0.96	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 07, 2019	2.80	2.80	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 07, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 07, 2019	2.98	2.98	2.98	100.0%
18940601	417	379	MOORE	13132050	4	Jun 07, 2019	0.15	0.19	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	1.56	1.99	1.56	100.0%
18940601	284	229	SHARP	13126500	6	Jun 07, 2019	0.15	0.15	0.15	100.0%
18940601	2525	1904	SHARP	13126500	6	Jun 07, 2019	0.06	0.06	0.06	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 07, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 07, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 07, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	Jun 07, 2019	0.80	1.02	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Jun 07, 2019	0.10	0.13	0.10	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	0.40	0.51	0.40	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 07, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 07, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jun 07, 2019	1.96	2.50	1.96	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 07, 2019	1.60	1.60	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 07, 2019	3.20	3.20	3.20	100.0%
18960601	96	461	MOORE	13132050	4	Jun 07, 2019	0.13	0.17	0.13	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 07, 2019	0.02	0.03	0.02	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 07, 2019	0.72	0.92	0.72	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 07, 2019	0.40	0.51	0.40	100.0%
18960601	459	993	MOORE	13132050	4	Jun 07, 2019	0.40	0.51	0.40	100.0%
18960601	441	207	MOORE	13132050	4	Jun 07, 2019	1.00	1.28	1.00	100.0%
18960601	263	397	MOORE	13132050	4	Jun 07, 2019	0.35	0.45	0.35	100.0%
18960601	263	399	MOORE	13132050	4	Jun 07, 2019	0.27	0.34	0.27	100.0%
18960601	533	424	MOORE	13132050	4	Jun 07, 2019	0.08	0.10	0.08	100.0%
18960601	96	457	MOORE	13132050	4	Jun 07, 2019	0.92	1.17	0.92	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 07, 2019	2.38	3.04	2.38	100.0%
18960601	417	992	MOORE	13132050	4	Jun 07, 2019	1.20	1.53	1.20	100.0%
18960601	417	381	MOORE	13132050	4	Jun 07, 2019	2.40	3.06	2.40	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 07, 2019	1.57	2.00	1.57	100.0%
18960601	306	1695	MOORE	13132050	4	Jun 07, 2019	0.44	0.56	0.44	100.0%
18960601	144	1879	MOORE	13132050	4	Jun 07, 2019	1.06	1.35	1.06	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 07, 2019	0.23	0.29	0.23	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 07, 2019	0.03	0.04	0.03	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 07, 2019	0.60	0.77	0.60	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jun 07, 2019	0.70	0.89	0.70	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	0.04	0.04	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jun 07, 2019	0.41	0.52	0.41	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	0.04	0.04	0.04	100.0%

18960601	56	1993	MACKAY DAM	13126000	7	Jun 07, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 07, 2019	2.00	3.01	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jun 07, 2019	0.40	0.40	0.40	100.0%
18960901	437	671	ARCO	13132365	2	Jun 07, 2019	0.13	0.20	0.13	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 07, 2019	0.51	0.77	0.51	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 07, 2019	4.40	6.63	4.40	100.0%
18960928	90	46	MUNSEY	13132375	2	Jun 07, 2019	1.00	1.51	1.00	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 07, 2019	0.03	0.05	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 07, 2019	1.97	2.97	1.97	100.0%
18970510	437	664	ARCO	13132365	2	Jun 07, 2019	0.82	1.24	0.82	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 07, 2019	6.00	6.00	6.00	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jun 07, 2019	0.95	0.95	0.95	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 07, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jun 07, 2019	0.16	0.20	0.16	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 07, 2019	0.70	0.70	0.70	100.0%
18970615	306	1697	MOORE	13132050	4	Jun 07, 2019	0.16	0.20	0.16	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jun 07, 2019	0.24	0.31	0.24	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jun 07, 2019	0.13	0.17	0.13	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 07, 2019	1.20	1.20	1.20	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	0.65	0.83	0.65	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	0.65	0.83	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jun 07, 2019	1.20	1.20	1.20	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 07, 2019	0.51	0.51	0.51	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 07, 2019	1.90	1.90	1.90	100.0%
18980901	268	562	ARCO	13132365	2	Jun 07, 2019	1.57	2.37	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 07, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 07, 2019	0.50	0.50	0.50	100.0%
18990327	14	2062	MOORE	13132050	4	Jun 07, 2019	0.01	0.01	0.01	100.0%
18990327	113	584	MOORE	13132050	4	Jun 07, 2019	0.03	0.04	0.03	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 07, 2019	0.01	0.01	0.01	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 07, 2019	0.21	0.27	0.21	100.0%
18990327	187	1873	MOORE	13132050	4	Jun 07, 2019	0.03	0.04	0.03	100.0%
18990327	180	468	MOORE	13132050	4	Jun 07, 2019	0.05	0.06	0.05	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 07, 2019	2.72	4.10	2.72	100.0%
18990601	180	2110	MOORE	13132050	4	Jun 07, 2019	0.67	0.86	0.67	100.0%
18990601	140	2071	MOORE	13132050	4	Jun 07, 2019	0.03	0.04	0.03	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 07, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 07, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 07, 2019	0.46	0.46	0.46	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 07, 2019	0.57	0.57	0.57	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 07, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 07, 2019	0.46	0.46	0.46	100.0%
19000924	318	543	MUNSEY	13132375	2	Jun 07, 2019	1.04	1.57	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 07, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	0.20	0.26	0.20	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 07, 2019	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 07, 2019	3.20	3.20	3.20	100.0%
19010901	459	684	MOORE	13132050	4	Jun 07, 2019	0.35	0.45	0.35	100.0%
19010901	70	339	MOORE	13132050	4	Jun 07, 2019	0.12	0.15	0.12	100.0%
19010901	459	340	MOORE	13132050	4	Jun 07, 2019	0.23	0.29	0.23	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 07, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jun 07, 2019	0.14	0.18	0.14	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 07, 2019	0.79	1.19	0.79	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 07, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	0.10	0.13	0.10	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	0.20	0.26	0.20	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jun 07, 2019	0.28	0.36	0.28	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 07, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 07, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 07, 2019	1.60	1.60	1.60	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 07, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 07, 2019	3.40	3.40	3.40	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 07, 2019	0.60	0.60	0.60	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 07, 2019	0.60	0.60	0.60	100.0%

19020301	364	952	CHILLY	13121105	9	Jun 07, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 07, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 07, 2019	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 07, 2019	6.16	6.16	6.16	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 07, 2019	2.70	3.45	2.70	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 07, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 07, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 07, 2019	1.08	1.08	1.08	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 07, 2019	1.35	1.35	1.35	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 07, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 07, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 07, 2019	0.30	0.30	0.30	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 07, 2019	1.40	1.40	1.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 07, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 07, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 07, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 07, 2019	1.60	2.04	1.60	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 07, 2019	0.34	0.34	0.34	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 07, 2019	0.42	0.42	0.42	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 07, 2019	0.08	0.08	0.08	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 07, 2019	0.34	0.34	0.34	100.0%
19040620	483	1514	CHILLY	13121105	9	Jun 07, 2019	0.04	0.04	0.04	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 07, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 07, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 07, 2019	0.13	0.13	0.13	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 07, 2019	0.65	0.65	0.65	100.0%
19050501	59	784	KENT	13120605	9	Jun 07, 2019	0.03	0.03	0.03	100.0%
19050501	59	2145	KENT	13120605	9	Jun 07, 2019	0.67	0.67	0.67	100.0%
19050501	59	784	BITTON	13120735	9	Jun 07, 2019	0.01	0.01	0.01	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 07, 2019	0.22	0.22	0.22	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 07, 2019	0.22	0.22	0.22	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 07, 2019	0.27	0.27	0.27	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 07, 2019	0.34	0.34	0.34	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 07, 2019	0.10	0.10	0.10	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 07, 2019	0.30	0.30	0.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 07, 2019	0.65	0.65	0.65	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 07, 2019	0.82	0.82	0.82	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 07, 2019	0.40	0.40	0.40	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 07, 2019	0.60	0.60	0.60	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 07, 2019	3.00	3.00	3.00	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 07, 2019	0.30	0.30	0.30	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 07, 2019	0.27	0.27	0.27	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 07, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 07, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 07, 2019	0.80	0.80	0.80	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 07, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 07, 2019	1.78	1.78	1.78	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 07, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 07, 2019	1.37	1.37	1.37	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 07, 2019	0.32	0.32	0.32	100.0%
19070711	59	2146	KENT	13120605	9	Jun 07, 2019	0.09	0.09	0.09	100.0%
19070711	59	786	KENT	13120605	9	Jun 07, 2019	0.04	0.04	0.04	97.4%
19070711	2610	2094	BITTON	13120735	9	Jun 07, 2019	0.11	0.11	0.11	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 07, 2019	0.03	0.03	0.03	100.0%
19070711	59	786	BITTON	13120735	9	Jun 07, 2019	0.01	0.01	0.01	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 07, 2019	0.16	0.16	0.16	100.0%
19081207	70	343	MOORE	13132050	4	Jun 07, 2019	0.17	0.22	0.17	100.0%
19081207	459	344	MOORE	13132050	4	Jun 07, 2019	0.33	0.42	0.33	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 07, 2019	0.50	0.64	0.50	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jun 07, 2019	2.00	2.00	2.00	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 07, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 07, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 07, 2019	2.76	2.76	2.76	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 07, 2019	0.75	0.75	0.75	100.0%

19100601	129	2188	CHILLY	13121105	9	Jun 07, 2019	0.78	0.78	0.78	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 07, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 07, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 07, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 07, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 07, 2019	0.30	0.30	0.30	100.0%
19130517	170	1416	MOORE	13132050	4	Jun 07, 2019	0.48	0.61	0.48	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 07, 2019	1.60	1.60	1.60	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 07, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 07, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 07, 2019	0.02	0.02	0.02	100.0%
19150504	373	434	CHILLY	13121105	9	Jun 07, 2019	0.22	0.22	0.22	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 07, 2019	0.10	0.10	0.10	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 07, 2019	0.12	0.12	0.12	100.0%
19160212	682	1054	NEILSEN	13120805	9	Jun 07, 2019	0.03	0.03	0.03	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 07, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 07, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	Jun 07, 2019	0.31	0.31	0.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 07, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 07, 2019	0.68	0.68	0.68	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 07, 2019	0.85	0.85	0.85	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 07, 2019	0.17	0.17	0.17	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 07, 2019	0.16	0.16	0.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 07, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 07, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 07, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 07, 2019	0.50	0.64	0.50	100.0%
19280501	12	165	MOORE	13132050	4	Jun 07, 2019	0.10	0.13	0.10	100.0%
19600501	90	175	MOORE	13132050	4	Jun 07, 2019	0.44	0.56	0.44	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 07, 2019	4.40	6.63	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 07, 2019	16.00	24.12	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jun 07, 2019	1.34	2.02	1.34	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 07, 2019	0.82	1.05	0.82	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 07, 2019	63.40	80.95	63.40	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 07, 2019	18.08	27.25	18.08	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jun 07, 2019	0.92	1.39	0.92	100.0%
19950411	476	1273	BECK	13130525	4	Jun 07, 2019	0.80	1.02	0.80	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 07, 2019	5.52	5.52	5.52	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 07, 2019	47.58	47.58	47.58	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 07, 2019	53.56	53.56	53.56	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 07, 2019	18.00	18.00	18.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 07, 2019	3.44	3.44	3.44	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jun 07, 2019	10.00	10.00	10.00	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 07, 2019	10.00	10.00	10.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 07, 2019	9969.40	9969.40	1416.69	14.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 8, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 8	1790.0	4.0	0.0	1794.0	0.00	1794.0	4.0	0.0	0.0	1790.0	0.0	0.0
9	Howell to Chilly	Jun 8	0.0	133.4	0.0	-1656.6	1.00	137.4	130.3	3.1	0.0	3.1	-3.1	0.0
8	Chilly to Reservoir	* Jun 8	1766.5	74.6	0.0	1841.0	0.00	1978.4	67.6	7.0	0.0	1776.6	-10.1	0.0
	Connected													
7	Mackay Reservoir	* Jun 8	995.1	0.0	0.0	0.0	0.00	2049.4	1296.4		0.0	480.1	515.0	0.0
6	Reservoir to 2B	Jun 8	984.0	11.1	0.0	0.0	0.00	1978.4	11.0	0.1	0.0	469.1	514.9	0.0
5	2B to Leslie	Jun 8	877.0	178.0	0.0	71.0	0.00	2049.4	153.5	24.5	0.0	386.6	490.4	0.0
4	Leslie to Moore	Jun 8	372.5	269.8	0.0	-234.7	0.27	2049.4	193.3	76.5	0.0	89.9	282.6	0.0
2	Moore to blw Munsey	Jun 8	230.0	80.8	0.0	-61.7	0.17	2049.4	75.0	5.8	0.0	0.0	230.0	0.0
1	Blw Munsey to Arco	Jun 8	214.0	0.0	0.0	-16.0	0.07	2049.4	0.0	0.0	0.0	0.0	214.0	0.0
								TOTAL	1931.1	117.0	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 8	0.0	0.0		20180101	13%
9	Howell to Chilly	Jun 8	0.0	0.0		20180101	13%
8	Chilly to Reservoir	Jun 8	0.0	0.0		20180101	13%
	Connected						
7	Mackay Reservoir	Jun 8	0.0	0.0		20180101	13%
6	Reservoir to 2B	Jun 8	0.0	0.0		20180101	13%
5	2B to Leslie	Jun 8	0.0	0.0		20180101	13%
4	Leslie to Moore	Jun 8	103.5	131.2		20180101	13%
2	Moore to blw Munsey	Jun 8	14.9	46.8		20180101	13%
1	Blw Munsey to Arco	Jun 8	0.0	16.0		20180101	13%
		TOTAL	118.4	194.1	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	247.5
2	18810630	1.7	294.0	131.5
3	18880601	3.2	556.5	247.5
4	18960601	6.4	1113.0	495.1
5	19020301	0.8	140.0	61.9
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	32072.4
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	77106.9

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
34810.0	36340.0	1530.0	771.4	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	33255.9
Total Storage Loss	-17563.9
Total Storage Deliver	-7818.2
Total Evaporation	-404.7
Accounting Balance	36339.1
Current Res Content	36340.0
Storage Balance Error	-0.9

DAILY STORAGE BALANCE

34810.0 Reservoir Content Previous Day [ac-ft]
36340.0 Reservoir Content Current Day [ac-ft]
1530.0 Physical Change in Storage [ac-ft]

2571.5 Storage Allocated to Mackay Reservoir [ac-ft]

-809.3 Stored Flow Losses [ac-ft]
0.0 2B to Leslie [cfs]
-131.2 Leslie to Moore [cfs]
-46.8 Moore blw Munsey [cfs]
-16.0 blw Munsey to Arco Gage [cfs]
-214.0 Past Arco Gage [cfs]

-232.1 Storage Delivered [ac-ft]
10.1 Above Reservoir [cfs]
0.1 Reservoir to 2B [cfs]
24.5 2B to Leslie [cfs]
76.5 Leslie to Moore [cfs]
5.8 Moore to blw Munsey [cfs]
0.0 blw Munsey to Arco Gage [cfs]

0.0 Evaporation [ac-ft]

1530.1 Accounting Change in Storage [ac-ft]

0.1 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1766.5 Gain in/above Mackay Reservoir [cfs]
71.0 Gain in Reach 5: 2-B to Leslie [cfs]
0.0 Gain in Reach 4: Leslie to Moore [cfs]
0.0 Gain in Reach 2: Moore to Munsey [cfs]
0.0 Gain in Reach 1: Munsey to Arco [cfs]

1837.5 Total Available Natural Flow [cfs]

1296.4 Reservoir Rights Diverted [cfs]

118.4 Natural Flow Losses below Reservoir [cfs]
0.0 2B to Leslie [cfs]
103.5 Leslie to Moore [cfs]
14.9 Moore to blw Munsey [cfs]
0.0 blw Munsey to Arco Gage [cfs]
0.0 Natural Flow Past Arco Gage [cfs]

422.7 Natural Flow Delivered [cfs]
-10.1 Above Reservoir Storage Use [cfs]
11.0 Reservoir to 2B [cfs]
153.5 2B to Leslie [cfs]
193.3 Leslie to Moore [cfs]
75.0 Moore to blw Munsey [cfs]
0.0 blw Munsey to Arco Gage [cfs]

1837.5 Natural Flow Delivered & Lost [cfs]

0.0 Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	13.1	655
Eastside Felton Wier +	28.4	1420
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	41.5	2075
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.6	128
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	68.6	3432
Island Babcock Delivery +	0.8	40
Island Felton Farms Delivery +	1.4	72
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.6	130
Island Wanstrom David +	0.0	0
Eastside OUT	21.5	1075
Total Out	102.3	5117

Abbreviated Reach Delivery Factor 2.47
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 460.3%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 21.5 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 4.7 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 71.7%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 6.5 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 77.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 243.0%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 330.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 8, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	6.4	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.0	0.0	0.1	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.1	0.1	12.8
9	BITTON	2.0	0.0	0.1	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	10.0	0.0	183.9
9	Thalman Hunter D	5.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	83.0	16.0	586.2
9	NEILSEN	46.4	3.1	213.6	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	72.0	8.5	833.9
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	13.0	0.0	0.0
9	CHILLY	49.0	0.0	0.0	8	Broken River Pum	5.0	0.8	8.1	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	15.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	13.0	5.8	170.0
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	6.0	6.0	126.9
8	Donahue 1	0.9	0.8	61.9	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	4.0	4.0	87.3
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.9	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	169.3	14.1	2039.0
8	Mtn. Springs 1	5.4	5.4	178.1	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	77.5	48.5	3431.9
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.4	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	41.8	5.6	363.4
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	39.0	0.2	207.0
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.5	195.4	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 08, 2019	1.10	1.10	1.10	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 08, 2019	4.11	4.11	4.11	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 08, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 08, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 08, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 08, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 08, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 08, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 08, 2019	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 08, 2019	1.20	1.20	1.20	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 08, 2019	1.54	2.10	1.54	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 08, 2019	0.27	0.37	0.27	100.0%
18830601	221	855	MOORE	13132050	4	Jun 08, 2019	1.60	2.18	1.60	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 08, 2019	0.09	0.12	0.09	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 08, 2019	0.79	1.08	0.79	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 08, 2019	1.13	1.54	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 08, 2019	1.72	2.35	1.72	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 08, 2019	0.01	0.01	0.01	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 08, 2019	0.18	0.25	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jun 08, 2019	0.48	0.66	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jun 08, 2019	0.18	0.25	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	0.21	0.29	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	0.43	0.59	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	0.21	0.29	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 08, 2019	1.64	2.24	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 08, 2019	0.14	0.19	0.14	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 08, 2019	0.18	0.18	0.18	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 08, 2019	0.96	0.96	0.96	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 08, 2019	0.79	0.79	0.79	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 08, 2019	0.50	0.50	0.50	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 08, 2019	0.21	0.21	0.21	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 08, 2019	1.92	1.92	1.92	100.0%
18840422	347	938	SHARP	13126500	6	Jun 08, 2019	4.00	4.00	4.00	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 08, 2019	0.64	0.64	0.64	100.0%
18840422	544	2189	SHARP	13126500	6	Jun 08, 2019	1.00	1.00	1.00	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 08, 2019	0.12	0.12	0.12	100.0%
18840422	2525	1903	SHARP	13126500	6	Jun 08, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Jun 08, 2019	0.13	0.13	0.13	100.0%
18840430	141	1365	BECK	13130525	4	Jun 08, 2019	1.00	1.37	1.00	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 08, 2019	1.23	1.23	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 08, 2019	0.77	0.77	0.77	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 08, 2019	0.40	0.40	0.40	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 08, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 08, 2019	0.22	0.22	0.22	100.0%
18840520	427	1	MOORE	13132050	4	Jun 08, 2019	1.12	1.53	1.12	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 08, 2019	0.02	0.03	0.02	100.0%
18840520	14	2061	MOORE	13132050	4	Jun 08, 2019	0.04	0.05	0.04	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 08, 2019	0.17	0.23	0.17	100.0%
18840520	433	271	MOORE	13132050	4	Jun 08, 2019	0.54	0.74	0.54	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 08, 2019	0.01	0.01	0.01	100.0%
18840520	96	451	MOORE	13132050	4	Jun 08, 2019	0.58	0.79	0.58	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 08, 2019	1.60	2.18	1.60	100.0%
18840520	263	394	MOORE	13132050	4	Jun 08, 2019	0.22	0.30	0.22	100.0%
18840520	113	585	MOORE	13132050	4	Jun 08, 2019	0.11	0.15	0.11	100.0%
18840520	180	470	MOORE	13132050	4	Jun 08, 2019	0.16	0.22	0.16	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 08, 2019	0.22	0.30	0.22	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 08, 2019	0.04	0.05	0.04	100.0%
18840520	14	2002	MOORE	13132050	4	Jun 08, 2019	0.02	0.03	0.02	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 08, 2019	0.11	0.15	0.11	100.0%

18840520	2333	657	MOORE	13132050	4	Jun 08, 2019	0.50	0.68	0.50	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 08, 2019	0.80	1.09	0.80	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 08, 2019	0.01	0.01	0.01	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 08, 2019	0.18	0.25	0.18	100.0%
18840520	156	2002	MOORE	13132050	4	Jun 08, 2019	0.38	0.52	0.38	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 08, 2019	2.24	3.06	2.24	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 08, 2019	0.78	1.07	0.78	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	0.80	1.09	0.80	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 08, 2019	1.28	1.75	1.28	100.0%
18840601	263	395	MOORE	13132050	4	Jun 08, 2019	0.08	0.11	0.08	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 08, 2019	0.01	0.01	0.01	100.0%
18840601	96	453	MOORE	13132050	4	Jun 08, 2019	0.21	0.29	0.21	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 08, 2019	0.09	0.12	0.09	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 08, 2019	0.08	0.11	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 08, 2019	0.54	0.74	0.54	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 08, 2019	0.16	0.22	0.16	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 08, 2019	0.40	0.40	0.40	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 08, 2019	0.27	0.27	0.27	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 08, 2019	0.20	0.20	0.20	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 08, 2019	0.40	0.40	0.40	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 08, 2019	0.23	0.23	0.23	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 08, 2019	0.37	0.37	0.37	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 08, 2019	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 08, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 08, 2019	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 08, 2019	1.20	1.64	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 08, 2019	0.80	1.09	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jun 08, 2019	0.80	1.09	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 08, 2019	1.20	1.64	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 08, 2019	0.80	1.09	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jun 08, 2019	0.54	0.74	0.54	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 08, 2019	0.09	0.12	0.09	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 08, 2019	0.40	0.55	0.40	100.0%
18840831	306	1200	MOORE	13132050	4	Jun 08, 2019	0.20	0.27	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Jun 08, 2019	0.58	0.79	0.58	100.0%
18840831	2330	422	MOORE	13132050	4	Jun 08, 2019	0.50	0.68	0.50	100.0%
18840831	533	421	MOORE	13132050	4	Jun 08, 2019	0.14	0.19	0.14	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	0.44	0.60	0.44	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jun 08, 2019	1.31	1.79	1.31	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	0.40	0.55	0.40	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	0.40	0.55	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	0.50	0.68	0.50	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 08, 2019	3.20	4.37	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 08, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jun 08, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jun 08, 2019	1.76	2.40	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Jun 08, 2019	0.58	0.79	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 08, 2019	1.25	1.71	1.25	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 08, 2019	0.89	1.22	0.89	100.0%
18841012	70	341	MOORE	13132050	4	Jun 08, 2019	0.31	0.42	0.31	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 08, 2019	1.20	1.20	1.20	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 08, 2019	1.48	1.48	1.48	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 08, 2019	1.09	1.09	1.09	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 08, 2019	1.65	1.65	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 08, 2019	0.79	0.79	0.79	100.0%
18850501	426	887	ARCO	13132365	2	Jun 08, 2019	0.64	1.05	0.64	100.0%
18850501	468	59	ARCO	13132365	2	Jun 08, 2019	0.74	1.21	0.74	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 08, 2019	1.80	2.46	1.80	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jun 08, 2019	1.44	1.97	1.44	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 08, 2019	0.24	0.33	0.24	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 08, 2019	0.20	0.27	0.20	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 08, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 08, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	0.20	0.27	0.20	100.0%

18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	1.30	1.78	1.30	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	0.20	0.27	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 08, 2019	0.30	0.41	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 08, 2019	0.48	0.66	0.48	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 08, 2019	0.56	0.76	0.56	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 08, 2019	1.56	2.12	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jun 08, 2019	0.04	0.06	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	2.76	3.77	2.76	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 08, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jun 08, 2019	0.44	0.60	0.44	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 08, 2019	1.20	1.64	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 08, 2019	0.36	0.36	0.36	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 08, 2019	1.31	1.31	1.31	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 08, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jun 08, 2019	0.80	0.80	0.80	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 08, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 08, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 08, 2019	0.54	0.54	0.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 08, 2019	3.60	5.89	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Jun 08, 2019	1.54	2.52	1.54	100.0%
18851002	318	817	MUNSEY	13132375	2	Jun 08, 2019	0.80	1.31	0.80	100.0%
18851002	318	545	MUNSEY	13132375	2	Jun 08, 2019	0.75	1.23	0.75	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 08, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 08, 2019	2.80	3.82	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 08, 2019	1.20	1.64	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 08, 2019	4.56	6.23	4.56	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 08, 2019	0.18	0.25	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 08, 2019	0.01	0.01	0.01	100.0%
18860512	263	398	MOORE	13132050	4	Jun 08, 2019	0.18	0.25	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jun 08, 2019	0.48	0.66	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	1.73	2.36	1.73	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 08, 2019	2.40	3.28	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 08, 2019	0.20	0.27	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 08, 2019	0.08	0.11	0.08	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	1.24	1.69	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	1.00	1.37	1.00	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 08, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 08, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 08, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	1.00	1.37	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 08, 2019	0.60	0.60	0.60	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 08, 2019	0.13	0.13	0.13	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 08, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 08, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 08, 2019	0.84	1.37	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 08, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 08, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 08, 2019	0.66	0.66	0.66	100.0%
18870313	433	683	MOORE	13132050	4	Jun 08, 2019	0.13	0.18	0.13	100.0%
18870313	459	338	MOORE	13132050	4	Jun 08, 2019	0.42	0.57	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jun 08, 2019	0.65	0.89	0.65	100.0%
18870313	70	337	MOORE	13132050	4	Jun 08, 2019	0.23	0.31	0.23	100.0%
18870313	73	2029	BURNETT	13127750	5	Jun 08, 2019	0.65	0.65	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 08, 2019	1.05	1.05	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 08, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 08, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 08, 2019	2.94	4.81	2.94	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jun 08, 2019	0.50	0.82	0.50	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 08, 2019	2.60	3.55	2.60	100.0%
18870601	73	2022	BURNETT	13127750	5	Jun 08, 2019	0.30	0.30	0.30	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 08, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 08, 2019	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 08, 2019	0.51	0.51	0.51	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 08, 2019	1.90	1.90	1.90	100.0%

18870630	236	1428	BECK	13130525	4	Jun 08, 2019	0.36	0.49	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 08, 2019	0.60	0.60	0.60	100.0%
18870801	623	2203	BURNETT	13127750	5	Jun 08, 2019	0.53	0.53	0.53	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 08, 2019	0.43	0.43	0.43	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 08, 2019	0.54	0.54	0.54	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 08, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 08, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jun 08, 2019	0.33	0.54	0.33	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 08, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 08, 2019	0.25	0.25	0.25	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 08, 2019	0.95	0.95	0.95	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 08, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 08, 2019	0.40	0.65	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 08, 2019	0.64	0.64	0.64	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 08, 2019	0.81	0.81	0.81	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 08, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 08, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	KENT	13120605	9	Jun 08, 2019	1.25	1.25	1.25	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 08, 2019	1.16	1.16	1.16	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 08, 2019	0.39	0.39	0.39	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 08, 2019	0.42	0.42	0.42	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 08, 2019	0.08	0.11	0.08	100.0%
18890601	441	205	MOORE	13132050	4	Jun 08, 2019	0.97	1.32	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 08, 2019	0.50	0.68	0.50	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 08, 2019	0.70	0.70	0.70	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 08, 2019	2.30	2.30	2.30	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 08, 2019	1.20	1.20	1.20	100.0%
18900601	426	756	ARCO	13132365	2	Jun 08, 2019	0.57	0.93	0.57	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 08, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 08, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 08, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 08, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 08, 2019	0.24	0.24	0.24	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 08, 2019	0.60	0.82	0.60	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 08, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 08, 2019	0.20	0.27	0.20	100.0%
18920101	2615	1643	MOORE	13132050	4	Jun 08, 2019	0.70	0.96	0.70	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 08, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 08, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jun 08, 2019	0.22	0.30	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 08, 2019	0.30	0.41	0.30	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 08, 2019	0.30	0.41	0.30	100.0%
18930323	77	366	MOORE	13132050	4	Jun 08, 2019	1.60	2.18	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jun 08, 2019	0.80	1.09	0.80	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 08, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	Jun 08, 2019	0.89	0.89	0.89	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 08, 2019	0.87	0.87	0.87	100.0%
18931101	59	1279	KENT	13120605	9	Jun 08, 2019	0.04	0.04	0.04	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 08, 2019	0.30	0.30	0.30	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 08, 2019	0.01	0.01	0.01	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 08, 2019	0.29	0.29	0.29	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 08, 2019	0.40	0.40	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 08, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 08, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 08, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 08, 2019	2.98	2.98	2.98	100.0%
18940601	417	379	MOORE	13132050	4	Jun 08, 2019	0.15	0.20	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	1.56	2.13	1.56	100.0%
18940601	284	229	SHARP	13126500	6	Jun 08, 2019	0.15	0.15	0.15	100.0%
18940601	2525	1904	SHARP	13126500	6	Jun 08, 2019	0.06	0.06	0.06	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 08, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 08, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 08, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jun 08, 2019	0.10	0.14	0.10	100.0%

18950601	180	1343	MOORE	13132050	4	Jun 08, 2019	0.80	1.09	0.80	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	0.40	0.55	0.40	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 08, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 08, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jun 08, 2019	1.74	2.38	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 08, 2019	1.60	1.60	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 08, 2019	3.20	3.20	3.20	100.0%
18960601	417	381	MOORE	13132050	4	Jun 08, 2019	2.40	3.28	2.40	100.0%
18960601	417	992	MOORE	13132050	4	Jun 08, 2019	1.20	1.64	1.20	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 08, 2019	0.48	0.66	0.48	100.0%
18960601	441	207	MOORE	13132050	4	Jun 08, 2019	0.99	1.35	0.99	100.0%
18960601	459	993	MOORE	13132050	4	Jun 08, 2019	0.40	0.55	0.40	100.0%
18960601	533	424	MOORE	13132050	4	Jun 08, 2019	0.06	0.08	0.06	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 08, 2019	0.40	0.55	0.40	100.0%
18960601	96	457	MOORE	13132050	4	Jun 08, 2019	0.75	1.02	0.75	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 08, 2019	1.56	2.13	1.56	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 08, 2019	0.23	0.31	0.23	100.0%
18960601	144	1879	MOORE	13132050	4	Jun 08, 2019	0.94	1.28	0.94	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 08, 2019	0.03	0.04	0.03	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 08, 2019	0.02	0.03	0.02	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 08, 2019	2.12	2.89	2.12	100.0%
18960601	263	399	MOORE	13132050	4	Jun 08, 2019	0.27	0.37	0.27	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 08, 2019	0.60	0.82	0.60	100.0%
18960601	263	397	MOORE	13132050	4	Jun 08, 2019	0.35	0.48	0.35	100.0%
18960601	306	1695	MOORE	13132050	4	Jun 08, 2019	0.44	0.60	0.44	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	0.04	0.05	0.04	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jun 08, 2019	0.70	0.96	0.70	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jun 08, 2019	0.41	0.56	0.41	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	0.04	0.05	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 08, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 08, 2019	2.00	3.27	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jun 08, 2019	0.40	0.40	0.40	100.0%
18960901	437	671	ARCO	13132365	2	Jun 08, 2019	0.13	0.21	0.13	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 08, 2019	0.03	0.05	0.03	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 08, 2019	0.51	0.83	0.51	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 08, 2019	4.40	7.20	4.40	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 08, 2019	1.97	3.22	1.97	100.0%
18960928	90	46	MUNSEY	13132375	2	Jun 08, 2019	1.00	1.64	1.00	100.0%
18970510	437	664	ARCO	13132365	2	Jun 08, 2019	0.82	1.34	0.82	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jun 08, 2019	0.55	0.55	0.55	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 08, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jun 08, 2019	0.16	0.22	0.16	100.0%
18970615	306	1697	MOORE	13132050	4	Jun 08, 2019	0.16	0.22	0.16	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jun 08, 2019	0.13	0.18	0.13	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jun 08, 2019	0.24	0.33	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 08, 2019	1.20	1.20	1.20	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	0.65	0.89	0.65	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	0.65	0.89	0.65	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 08, 2019	0.51	0.51	0.51	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 08, 2019	1.90	1.90	1.90	100.0%
18980901	268	562	ARCO	13132365	2	Jun 08, 2019	1.57	2.57	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 08, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 08, 2019	0.50	0.50	0.50	100.0%
18990327	180	468	MOORE	13132050	4	Jun 08, 2019	0.05	0.07	0.05	100.0%
18990327	113	584	MOORE	13132050	4	Jun 08, 2019	0.03	0.04	0.03	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 08, 2019	0.21	0.29	0.21	100.0%
18990327	14	2062	MOORE	13132050	4	Jun 08, 2019	0.01	0.01	0.01	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 08, 2019	0.01	0.01	0.01	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 08, 2019	2.72	4.45	2.72	100.0%
18990601	140	2071	MOORE	13132050	4	Jun 08, 2019	0.03	0.04	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jun 08, 2019	0.49	0.67	0.49	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 08, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 08, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 08, 2019	0.46	0.46	0.46	100.0%

18991001	279	2122	Thalman Hunter D	13120755	9	Jun 08, 2019	0.57	0.57	0.57	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 08, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 08, 2019	0.21	0.21	0.21	100.0%
19000924	318	543	MUNSEY	13132375	2	Jun 08, 2019	1.04	1.70	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 08, 2019	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 08, 2019	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 08, 2019	3.20	3.20	3.20	100.0%
19010901	70	339	MOORE	13132050	4	Jun 08, 2019	0.12	0.16	0.12	100.0%
19010901	459	684	MOORE	13132050	4	Jun 08, 2019	0.35	0.48	0.35	100.0%
19010901	459	340	MOORE	13132050	4	Jun 08, 2019	0.23	0.31	0.23	100.0%
19011001	263	396	MOORE	13132050	4	Jun 08, 2019	0.12	0.16	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 08, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 08, 2019	0.79	1.29	0.79	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 08, 2019	2.60	2.60	2.60	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	0.20	0.27	0.20	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 08, 2019	0.10	0.14	0.10	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 08, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 08, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 08, 2019	0.60	0.60	0.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 08, 2019	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 08, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 08, 2019	3.20	3.20	3.20	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 08, 2019	0.60	0.60	0.60	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 08, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 08, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 08, 2019	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 08, 2019	6.16	6.16	6.16	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 08, 2019	2.70	3.69	2.70	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 08, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 08, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 08, 2019	1.08	1.08	1.08	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 08, 2019	1.35	1.35	1.35	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 08, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 08, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 08, 2019	0.30	0.30	0.30	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 08, 2019	1.40	1.40	1.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 08, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 08, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 08, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 08, 2019	1.56	2.13	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 08, 2019	0.34	0.34	0.34	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 08, 2019	0.42	0.42	0.42	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 08, 2019	0.08	0.08	0.08	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 08, 2019	0.34	0.34	0.34	100.0%
19040620	483	1514	CHILLY	13121105	9	Jun 08, 2019	0.04	0.04	0.04	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 08, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 08, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 08, 2019	0.13	0.13	0.13	100.0%
19050501	59	2145	KENT	13120605	9	Jun 08, 2019	0.67	0.67	0.67	100.0%
19050501	59	784	KENT	13120605	9	Jun 08, 2019	0.03	0.03	0.03	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 08, 2019	0.65	0.65	0.65	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 08, 2019	0.22	0.22	0.22	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 08, 2019	0.22	0.22	0.22	100.0%
19050501	59	784	BITTON	13120735	9	Jun 08, 2019	0.01	0.01	0.01	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 08, 2019	0.27	0.27	0.27	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 08, 2019	0.34	0.34	0.34	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 08, 2019	0.40	0.40	0.40	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 08, 2019	0.10	0.10	0.10	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 08, 2019	0.60	0.60	0.60	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 08, 2019	0.27	0.27	0.27	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 08, 2019	3.00	3.00	3.00	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 08, 2019	0.30	0.30	0.30	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 08, 2019	0.30	0.30	0.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 08, 2019	0.82	0.82	0.82	100.0%

19050501	101	1204	NEILSEN	13120805	9	Jun 08, 2019	0.65	0.65	0.65	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 08, 2019	0.58	0.58	0.58	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 08, 2019	0.80	0.80	0.80	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 08, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 08, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 08, 2019	1.78	1.78	1.78	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 08, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 08, 2019	1.37	1.37	1.37	100.0%
19070711	59	2146	KENT	13120605	9	Jun 08, 2019	0.09	0.09	0.09	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 08, 2019	0.32	0.32	0.32	100.0%
19070711	59	786	KENT	13120605	9	Jun 08, 2019	0.04	0.04	0.04	97.4%
19070711	59	2146	BITTON	13120735	9	Jun 08, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 08, 2019	0.11	0.11	0.11	100.0%
19070711	59	786	BITTON	13120735	9	Jun 08, 2019	0.01	0.01	0.01	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 08, 2019	0.16	0.16	0.16	100.0%
19081207	70	343	MOORE	13132050	4	Jun 08, 2019	0.17	0.23	0.17	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 08, 2019	0.50	0.68	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 08, 2019	0.33	0.45	0.33	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jun 08, 2019	2.00	2.00	2.00	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 08, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 08, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 08, 2019	2.76	2.76	2.76	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 08, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 08, 2019	0.78	0.78	0.78	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 08, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 08, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 08, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 08, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 08, 2019	0.30	0.30	0.30	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 08, 2019	1.60	1.60	1.60	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 08, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 08, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 08, 2019	0.80	0.80	0.80	100.0%
19150504	373	434	CHILLY	13121105	9	Jun 08, 2019	0.22	0.22	0.22	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 08, 2019	0.10	0.10	0.10	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 08, 2019	0.12	0.12	0.12	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 08, 2019	0.10	0.10	0.10	100.0%
19160212	682	1054	NEILSEN	13120805	9	Jun 08, 2019	0.03	0.03	0.03	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 08, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	Jun 08, 2019	0.31	0.31	0.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 08, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 08, 2019	0.68	0.68	0.68	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 08, 2019	0.85	0.85	0.85	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 08, 2019	0.17	0.17	0.17	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 08, 2019	0.16	0.16	0.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 08, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 08, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 08, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 08, 2019	0.50	0.68	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jun 08, 2019	0.44	0.60	0.44	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 08, 2019	4.40	7.20	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 08, 2019	16.00	26.18	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jun 08, 2019	1.34	2.19	1.34	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 08, 2019	0.82	1.12	0.82	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 08, 2019	77.68	106.06	77.68	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 08, 2019	22.50	36.82	22.50	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jun 08, 2019	0.12	0.20	0.12	100.0%
19950411	476	1273	BECK	13130525	4	Jun 08, 2019	2.00	2.73	2.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 08, 2019	7.14	7.14	7.14	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 08, 2019	56.36	56.36	56.36	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 08, 2019	36.40	36.40	36.40	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 08, 2019	13.00	13.00	13.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 08, 2019	3.54	3.54	3.54	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jun 08, 2019	10.00	10.00	10.00	100.0%

19950411	476	1273	CHILLY	13121105	9	Jun 08, 2019	10.00	10.00	10.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 08, 2019	9969.40	9969.40	1281.14	12.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 9, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 9	1290.0	4.0	0.0	1294.0	0.00	1294.0	4.0	0.0	0.0	1290.0	0.0	0.0
9	Howell to Chilly	Jun 9	0.0	133.4	0.0	-1156.6	1.00	137.4	130.3	3.1	0.0	3.1	-3.1	0.0
8	Chilly to Reservoir	* Jun 9	1313.6	68.2	0.0	1381.8	0.00	1519.2	62.0	6.2	0.0	1322.9	-9.3	0.0
	Connected													
7	Mackay Reservoir	* Jun 9	1011.1	0.0	0.0	0.0	0.00	1591.3	854.4		0.0	468.5	542.6	0.0
6	Reservoir to 2B	Jun 9	1000.0	11.1	0.0	0.0	0.00	1519.2	11.0	0.1	0.0	457.5	542.5	0.0
5	2B to Leslie	Jun 9	908.0	164.1	0.0	72.1	0.00	1591.3	144.2	19.9	0.0	385.4	522.6	0.0
4	Leslie to Moore	Jun 9	396.0	269.3	0.0	-242.7	0.27	1591.3	193.6	75.7	0.0	88.8	307.3	0.0
2	Moore to blw Munsey	Jun 9	258.0	81.8	0.0	-56.2	0.14	1591.3	76.2	5.6	0.0	0.0	258.0	0.0
1	Blw Munsey to Arco	Jun 9	249.0	0.0	0.0	-9.0	0.03	1591.3	0.0	0.0	0.0	0.0	249.0	0.0
							TOTAL		1475.7	110.6	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 9	0.0	0.0		20180101	8%
9	Howell to Chilly	Jun 9	0.0	0.0		20180101	8%
8	Chilly to Reservoir	Jun 9	0.0	0.0		20180101	8%
	Connected						
7	Mackay Reservoir	Jun 9	0.0	0.0		20180101	8%
6	Reservoir to 2B	Jun 9	0.0	0.0		20180101	8%
5	2B to Leslie	Jun 9	0.0	0.0		20180101	8%
4	Leslie to Moore	Jun 9	103.0	139.7		20180101	8%
2	Moore to blw Munsey	Jun 9	12.6	43.6		20180101	8%
1	Blw Munsey to Arco	Jun 9	0.0	9.0		20180101	8%
	TOTAL		115.6	192.3	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	253.9
2	18810630	1.7	294.0	134.9
3	18880601	3.2	556.5	253.9
4	18960601	6.4	1113.0	507.8
5	19020301	0.8	140.0	63.5
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	33736.8
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	78801.7

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
36340.0	36940.0	600.0	302.5	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	34950.7
Total Storage Loss	-18439.2
Total Storage Deliver	-8037.5
Total Evaporation	-404.7
Accounting Balance	36939.3
Current Res Content	36940.0
Storage Balance Error	-0.7

DAILY STORAGE BALANCE

```
 36340.0 Reservoir Content Previous Day [ac-ft]
 36940.0 Reservoir Content Current Day [ac-ft]
   600.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------------
          1694.8 Storage Allocated to Mackay Reservoir [ac-ft]

          -875.3 Stored Flow Losses [ac-ft]
                 0.0 2B to Leslie [cfs]
              -139.7 Leslie to Moore [cfs]
               -43.6 Moore blw Munsey [cfs]
                -9.0 blw Munsey to Arco Gage [cfs]
              -249.0 Past Arco Gage [cfs]

          -219.4 Storage Delivered [ac-ft]
                 9.3 Above Reservoir [cfs]
                 0.1 Reservoir to 2B [cfs]
                19.9 2B to Leslie [cfs]
                75.7 Leslie to Moore [cfs]
                 5.6 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

             0.0 Evaporation [ac-ft]

   600.1 Accounting Change in Storage [ac-ft]
-------------------------------------------------------------
     0.1 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
  1313.6 Gain in/above Mackay Reservoir [cfs]
    72.1 Gain in Reach 5: 2-B to Leslie [cfs]
     0.0 Gain in Reach 4: Leslie to Moore [cfs]
     0.0 Gain in Reach 2: Moore to Munsey [cfs]
     0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------------
  1385.7 Total Available Natural Flow [cfs]
-------------------------------------------------------------
           854.4 Reservoir Rights Diverted [cfs]

           115.6 Natural Flow Losses below Reservoir [cfs]
                 0.0 2B to Leslie [cfs]
               103.0 Leslie to Moore [cfs]
                12.6 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
                 0.0 Natural Flow Past Arco Gage [cfs]

           415.7 Natural Flow Delivered [cfs]
                -9.3 Above Reservoir Storage Use [cfs]
                11.0 Reservoir to 2B [cfs]
               144.2 2B to Leslie [cfs]
               193.6 Leslie to Moore [cfs]
                76.2 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

  1385.7 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------------
     0.0 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	13.7	685
Eastside Felton Wier +	29.1	1455
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	42.8	2140
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.6	128
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	68.6	3432
Island Babcock Delivery +	1.5	76
Island Felton Farms Delivery +	1.4	72
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.6	130
Island Wanstrom David +	0.0	0
Eastside OUT	23.2	1160
Total Out	104.8	5238

Abbreviated Reach Delivery Factor 2.45
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 452.8%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 23.2 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 5.1 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 72.8%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 7.0 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 77.0 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 245.5%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 329.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 9, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	6.4	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.0	0.0	0.1	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.1	0.1	13.0
9	BITTON	2.0	0.0	0.1	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	10.0	0.0	183.9
9	Thalman Hunter D	5.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	69.1	8.9	604.0
9	NEILSEN	46.4	3.1	219.8	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	72.0	11.0	855.7
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	13.0	0.0	0.0
9	CHILLY	49.0	0.0	0.0	8	Broken River Pum	2.0	0.0	8.1	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	15.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	13.0	5.8	181.5
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	6.0	6.0	138.8
8	Donahue 1	0.9	0.8	63.5	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	0.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	4.0	4.0	95.2
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.9	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	169.3	14.1	2066.9
8	Mtn. Springs 1	5.4	5.4	188.7	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	77.0	47.6	3526.3
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.4	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	42.8	5.6	374.5
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	39.0	0.0	207.0
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	4.0	203.3	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 09, 2019	1.10	1.10	1.10	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 09, 2019	4.11	4.11	4.11	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 09, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 09, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 09, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 09, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 09, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 09, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 09, 2019	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 09, 2019	1.20	1.20	1.20	100.0%
18830601	221	855	MOORE	13132050	4	Jun 09, 2019	1.60	2.18	1.60	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 09, 2019	0.27	0.37	0.27	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 09, 2019	1.54	2.10	1.54	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 09, 2019	0.09	0.12	0.09	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 09, 2019	0.79	1.08	0.79	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 09, 2019	1.72	2.35	1.72	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 09, 2019	1.13	1.54	1.13	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 09, 2019	0.18	0.25	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jun 09, 2019	0.48	0.66	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jun 09, 2019	0.18	0.25	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 09, 2019	0.01	0.01	0.01	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	0.21	0.29	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	0.43	0.59	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	0.21	0.29	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 09, 2019	1.64	2.24	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 09, 2019	0.14	0.19	0.14	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 09, 2019	0.18	0.18	0.18	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 09, 2019	0.50	0.50	0.50	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 09, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 09, 2019	0.21	0.21	0.21	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 09, 2019	1.92	1.92	1.92	100.0%
18840422	347	938	SHARP	13126500	6	Jun 09, 2019	4.00	4.00	4.00	100.0%
18840422	2525	1903	SHARP	13126500	6	Jun 09, 2019	0.08	0.08	0.08	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 09, 2019	0.12	0.12	0.12	100.0%
18840422	544	2189	SHARP	13126500	6	Jun 09, 2019	1.00	1.00	1.00	100.0%
18840422	284	228	SHARP	13126500	6	Jun 09, 2019	0.13	0.13	0.13	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 09, 2019	0.64	0.64	0.64	100.0%
18840430	141	1365	BECK	13130525	4	Jun 09, 2019	1.00	1.36	1.00	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 09, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 09, 2019	0.22	0.22	0.22	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 09, 2019	0.01	0.01	0.01	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 09, 2019	0.02	0.03	0.02	100.0%
18840520	96	451	MOORE	13132050	4	Jun 09, 2019	0.58	0.79	0.58	100.0%
18840520	113	585	MOORE	13132050	4	Jun 09, 2019	0.11	0.15	0.11	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 09, 2019	0.22	0.30	0.22	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 09, 2019	0.18	0.25	0.18	100.0%
18840520	156	2002	MOORE	13132050	4	Jun 09, 2019	0.38	0.52	0.38	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 09, 2019	0.78	1.06	0.78	100.0%
18840520	263	394	MOORE	13132050	4	Jun 09, 2019	0.22	0.30	0.22	100.0%
18840520	180	470	MOORE	13132050	4	Jun 09, 2019	0.16	0.22	0.16	100.0%
18840520	14	2061	MOORE	13132050	4	Jun 09, 2019	0.04	0.05	0.04	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 09, 2019	0.80	1.09	0.80	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 09, 2019	1.60	2.18	1.60	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 09, 2019	0.01	0.01	0.01	100.0%
18840520	427	1	MOORE	13132050	4	Jun 09, 2019	1.12	1.53	1.12	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 09, 2019	0.17	0.23	0.17	100.0%
18840520	14	2002	MOORE	13132050	4	Jun 09, 2019	0.02	0.03	0.02	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 09, 2019	0.50	0.68	0.50	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 09, 2019	0.11	0.15	0.11	100.0%

18840520	2331	463	MOORE	13132050	4	Jun 09, 2019	2.24	3.06	2.24	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 09, 2019	0.04	0.05	0.04	100.0%
18840520	433	271	MOORE	13132050	4	Jun 09, 2019	0.54	0.74	0.54	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	0.80	1.09	0.80	100.0%
18840601	96	453	MOORE	13132050	4	Jun 09, 2019	0.21	0.29	0.21	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 09, 2019	0.09	0.12	0.09	100.0%
18840601	263	395	MOORE	13132050	4	Jun 09, 2019	0.08	0.11	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 09, 2019	1.28	1.75	1.28	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 09, 2019	0.08	0.11	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 09, 2019	0.54	0.74	0.54	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 09, 2019	0.01	0.01	0.01	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 09, 2019	0.16	0.22	0.16	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 09, 2019	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 09, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 09, 2019	0.80	0.80	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 09, 2019	0.80	1.09	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jun 09, 2019	0.80	1.09	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 09, 2019	1.20	1.64	1.20	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 09, 2019	1.20	1.64	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jun 09, 2019	0.54	0.74	0.54	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 09, 2019	0.80	1.09	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 09, 2019	0.40	0.55	0.40	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 09, 2019	0.09	0.12	0.09	100.0%
18840831	2330	422	MOORE	13132050	4	Jun 09, 2019	0.50	0.68	0.50	100.0%
18840831	533	421	MOORE	13132050	4	Jun 09, 2019	0.14	0.19	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Jun 09, 2019	0.58	0.79	0.58	100.0%
18840831	306	1200	MOORE	13132050	4	Jun 09, 2019	0.20	0.27	0.20	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	0.40	0.55	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	0.50	0.68	0.50	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	0.40	0.55	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	0.44	0.60	0.44	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jun 09, 2019	1.31	1.79	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 09, 2019	3.20	4.37	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 09, 2019	1.74	1.74	1.74	100.0%
18841012	205	2067	BECK	13130525	4	Jun 09, 2019	1.76	2.40	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Jun 09, 2019	0.31	0.42	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 09, 2019	1.25	1.71	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Jun 09, 2019	0.58	0.79	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 09, 2019	0.89	1.21	0.89	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 09, 2019	1.48	1.48	1.48	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 09, 2019	1.20	1.20	1.20	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 09, 2019	1.09	1.09	1.09	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 09, 2019	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 09, 2019	1.65	1.65	1.65	100.0%
18850501	468	59	ARCO	13132365	2	Jun 09, 2019	0.74	1.18	0.74	100.0%
18850501	426	887	ARCO	13132365	2	Jun 09, 2019	0.64	1.02	0.64	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 09, 2019	0.20	0.27	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 09, 2019	0.24	0.33	0.24	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 09, 2019	1.80	2.46	1.80	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jun 09, 2019	1.44	1.97	1.44	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 09, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 09, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	0.20	0.27	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	1.30	1.77	1.30	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	0.20	0.27	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 09, 2019	0.30	0.41	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 09, 2019	0.48	0.66	0.48	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 09, 2019	0.56	0.76	0.56	100.0%
18850530	484	1718	BURNETT	13127750	5	Jun 09, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 09, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 09, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 09, 2019	0.11	0.11	0.11	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 09, 2019	1.56	2.12	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jun 09, 2019	0.04	0.06	0.04	100.0%

18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	2.76	3.77	2.76	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 09, 2019	0.35	0.35	0.35	100.0%
18850601	205	2064	BECK	13130525	4	Jun 09, 2019	0.44	0.60	0.44	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 09, 2019	1.20	1.64	1.20	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 09, 2019	1.31	1.31	1.31	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 09, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jun 09, 2019	0.80	0.80	0.80	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 09, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 09, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 09, 2019	0.54	0.54	0.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 09, 2019	3.60	5.73	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Jun 09, 2019	1.54	2.45	1.54	100.0%
18851002	318	545	MUNSEY	13132375	2	Jun 09, 2019	0.75	1.19	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Jun 09, 2019	0.80	1.27	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 09, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 09, 2019	2.80	3.82	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 09, 2019	1.20	1.64	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 09, 2019	4.56	6.22	4.56	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 09, 2019	0.01	0.01	0.01	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 09, 2019	0.18	0.25	0.18	100.0%
18860512	263	398	MOORE	13132050	4	Jun 09, 2019	0.18	0.25	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jun 09, 2019	0.48	0.66	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	1.73	2.36	1.73	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 09, 2019	2.40	3.28	2.40	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 09, 2019	0.08	0.11	0.08	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 09, 2019	0.20	0.27	0.20	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	1.00	1.36	1.00	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	1.24	1.69	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 09, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 09, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 09, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	1.00	1.36	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 09, 2019	0.60	0.60	0.60	100.0%
18860721	484	1673	BURNETT	13127750	5	Jun 09, 2019	0.52	0.52	0.52	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 09, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 09, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 09, 2019	0.84	1.34	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 09, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 09, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 09, 2019	0.66	0.66	0.66	100.0%
18870313	70	337	MOORE	13132050	4	Jun 09, 2019	0.23	0.31	0.23	100.0%
18870313	433	683	MOORE	13132050	4	Jun 09, 2019	0.13	0.18	0.13	100.0%
18870313	459	682	MOORE	13132050	4	Jun 09, 2019	0.65	0.89	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Jun 09, 2019	0.42	0.57	0.42	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 09, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 09, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 09, 2019	2.94	4.68	2.94	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jun 09, 2019	0.50	0.80	0.50	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 09, 2019	2.60	3.55	2.60	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 09, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 09, 2019	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 09, 2019	0.51	0.51	0.51	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 09, 2019	1.90	1.90	1.90	100.0%
18870630	236	1428	BECK	13130525	4	Jun 09, 2019	0.36	0.49	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 09, 2019	0.60	0.60	0.60	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 09, 2019	0.43	0.43	0.43	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 09, 2019	0.54	0.54	0.54	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 09, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 09, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jun 09, 2019	0.33	0.52	0.33	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 09, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 09, 2019	0.25	0.25	0.25	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 09, 2019	0.95	0.95	0.95	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 09, 2019	1.60	1.60	1.60	100.0%

18880801	442	750	MUNSEY	13132375	2	Jun 09, 2019	0.40	0.64	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 09, 2019	0.64	0.64	0.64	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 09, 2019	0.81	0.81	0.81	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 09, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 09, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 09, 2019	1.16	1.16	1.16	100.0%
18881101	59	2222	KENT	13120605	9	Jun 09, 2019	1.25	1.25	1.25	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 09, 2019	0.42	0.42	0.42	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 09, 2019	0.39	0.39	0.39	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 09, 2019	0.80	1.09	0.80	100.0%
18890601	441	205	MOORE	13132050	4	Jun 09, 2019	0.97	1.32	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 09, 2019	0.50	0.68	0.50	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 09, 2019	2.30	2.30	2.30	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 09, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 09, 2019	0.70	0.70	0.70	100.0%
18900601	426	756	ARCO	13132365	2	Jun 09, 2019	0.57	0.91	0.57	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 09, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 09, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 09, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 09, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 09, 2019	0.24	0.24	0.24	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 09, 2019	0.60	0.82	0.60	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 09, 2019	5.20	5.20	5.20	100.0%
18920101	2615	1643	MOORE	13132050	4	Jun 09, 2019	0.70	0.96	0.70	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 09, 2019	0.20	0.27	0.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 09, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 09, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 09, 2019	0.30	0.41	0.30	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 09, 2019	0.30	0.41	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 09, 2019	0.22	0.30	0.22	100.0%
18930323	77	688	MOORE	13132050	4	Jun 09, 2019	0.80	1.09	0.80	100.0%
18930323	77	366	MOORE	13132050	4	Jun 09, 2019	1.60	2.18	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 09, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	Jun 09, 2019	0.89	0.89	0.89	100.0%
18931101	59	1279	KENT	13120605	9	Jun 09, 2019	0.04	0.04	0.04	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 09, 2019	0.87	0.87	0.87	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 09, 2019	0.29	0.29	0.29	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 09, 2019	0.01	0.01	0.01	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 09, 2019	0.30	0.30	0.30	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 09, 2019	2.80	2.80	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 09, 2019	0.40	0.40	0.40	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 09, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 09, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 09, 2019	2.00	2.00	2.00	100.0%
18940601	417	379	MOORE	13132050	4	Jun 09, 2019	0.15	0.20	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	1.56	2.13	1.56	100.0%
18940601	284	229	SHARP	13126500	6	Jun 09, 2019	0.15	0.15	0.15	100.0%
18940601	2525	1904	SHARP	13126500	6	Jun 09, 2019	0.06	0.06	0.06	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 09, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 09, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 09, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	Jun 09, 2019	0.80	1.09	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Jun 09, 2019	0.10	0.14	0.10	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 09, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 09, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jun 09, 2019	1.74	2.37	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 09, 2019	1.60	1.60	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 09, 2019	3.20	3.20	3.20	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 09, 2019	0.40	0.55	0.40	100.0%
18960601	459	993	MOORE	13132050	4	Jun 09, 2019	0.40	0.55	0.40	100.0%
18960601	533	424	MOORE	13132050	4	Jun 09, 2019	0.06	0.08	0.06	100.0%
18960601	441	207	MOORE	13132050	4	Jun 09, 2019	0.99	1.35	0.99	100.0%
18960601	417	992	MOORE	13132050	4	Jun 09, 2019	1.20	1.64	1.20	100.0%
18960601	417	381	MOORE	13132050	4	Jun 09, 2019	2.40	3.28	2.40	100.0%

18960601	442	2196	MOORE	13132050	4	Jun 09, 2019	1.56	2.13	1.56	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 09, 2019	0.23	0.31	0.23	100.0%
18960601	96	457	MOORE	13132050	4	Jun 09, 2019	0.75	1.02	0.75	100.0%
18960601	263	397	MOORE	13132050	4	Jun 09, 2019	0.35	0.48	0.35	100.0%
18960601	263	399	MOORE	13132050	4	Jun 09, 2019	0.27	0.37	0.27	100.0%
18960601	144	1879	MOORE	13132050	4	Jun 09, 2019	0.94	1.28	0.94	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 09, 2019	0.02	0.03	0.02	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 09, 2019	0.60	0.82	0.60	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 09, 2019	0.03	0.04	0.03	100.0%
18960601	306	1695	MOORE	13132050	4	Jun 09, 2019	0.44	0.60	0.44	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 09, 2019	2.12	2.89	2.12	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 09, 2019	0.48	0.66	0.48	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jun 09, 2019	0.70	0.96	0.70	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	0.04	0.05	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jun 09, 2019	0.41	0.56	0.41	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	0.04	0.05	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 09, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 09, 2019	2.00	3.18	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jun 09, 2019	0.40	0.40	0.40	100.0%
18960901	437	671	ARCO	13132365	2	Jun 09, 2019	0.13	0.21	0.13	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 09, 2019	0.51	0.81	0.51	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 09, 2019	4.40	7.00	4.40	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 09, 2019	1.97	3.13	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 09, 2019	0.03	0.05	0.03	100.0%
18960928	90	46	MUNSEY	13132375	2	Jun 09, 2019	1.00	1.59	1.00	100.0%
18970510	437	664	ARCO	13132365	2	Jun 09, 2019	0.82	1.30	0.82	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 09, 2019	6.00	6.00	6.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 09, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jun 09, 2019	0.16	0.22	0.16	100.0%
18970615	306	1697	MOORE	13132050	4	Jun 09, 2019	0.16	0.22	0.16	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jun 09, 2019	0.13	0.18	0.13	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jun 09, 2019	0.24	0.33	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 09, 2019	1.20	1.20	1.20	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	0.65	0.89	0.65	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	0.65	0.89	0.65	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 09, 2019	0.51	0.51	0.51	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 09, 2019	1.90	1.90	1.90	100.0%
18980901	268	562	ARCO	13132365	2	Jun 09, 2019	1.57	2.50	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 09, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 09, 2019	0.50	0.50	0.50	100.0%
18990327	14	2062	MOORE	13132050	4	Jun 09, 2019	0.01	0.01	0.01	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 09, 2019	0.01	0.01	0.01	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 09, 2019	0.21	0.29	0.21	100.0%
18990327	113	584	MOORE	13132050	4	Jun 09, 2019	0.03	0.04	0.03	100.0%
18990327	180	468	MOORE	13132050	4	Jun 09, 2019	0.05	0.07	0.05	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 09, 2019	2.72	4.33	2.72	100.0%
18990601	180	2110	MOORE	13132050	4	Jun 09, 2019	0.49	0.67	0.49	100.0%
18990601	140	2071	MOORE	13132050	4	Jun 09, 2019	0.03	0.04	0.03	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 09, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 09, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 09, 2019	0.46	0.46	0.46	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 09, 2019	0.57	0.57	0.57	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 09, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 09, 2019	0.21	0.21	0.21	100.0%
19000924	318	543	MUNSEY	13132375	2	Jun 09, 2019	1.04	1.65	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 09, 2019	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 09, 2019	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 09, 2019	3.20	3.20	3.20	100.0%
19010901	70	339	MOORE	13132050	4	Jun 09, 2019	0.12	0.16	0.12	100.0%
19010901	459	684	MOORE	13132050	4	Jun 09, 2019	0.35	0.48	0.35	100.0%
19010901	459	340	MOORE	13132050	4	Jun 09, 2019	0.23	0.31	0.23	100.0%
19011001	263	396	MOORE	13132050	4	Jun 09, 2019	0.12	0.16	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 09, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 09, 2019	0.79	1.26	0.79	100.0%

19020103	279	2241	BRADSHAW	13120705	9	Jun 09, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	0.10	0.14	0.10	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jun 09, 2019	0.20	0.27	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 09, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 09, 2019	0.90	0.90	0.90	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 09, 2019	0.60	0.60	0.60	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 09, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 09, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 09, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 09, 2019	3.40	3.40	3.40	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 09, 2019	0.60	0.60	0.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 09, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 09, 2019	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 09, 2019	6.16	6.16	6.16	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 09, 2019	2.70	3.68	2.70	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 09, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 09, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 09, 2019	1.08	1.08	1.08	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 09, 2019	1.35	1.35	1.35	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 09, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 09, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 09, 2019	0.30	0.30	0.30	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 09, 2019	1.40	1.40	1.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 09, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 09, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 09, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 09, 2019	1.56	2.13	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 09, 2019	0.34	0.34	0.34	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 09, 2019	0.42	0.42	0.42	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 09, 2019	0.08	0.08	0.08	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 09, 2019	0.34	0.34	0.34	100.0%
19040620	483	1514	CHILLY	13121105	9	Jun 09, 2019	0.04	0.04	0.04	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 09, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 09, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jun 09, 2019	0.03	0.03	0.03	100.0%
19050501	59	2145	KENT	13120605	9	Jun 09, 2019	0.67	0.67	0.67	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 09, 2019	0.65	0.65	0.65	100.0%
19050501	59	784	BITTON	13120735	9	Jun 09, 2019	0.01	0.01	0.01	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 09, 2019	0.22	0.22	0.22	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 09, 2019	0.22	0.22	0.22	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 09, 2019	0.27	0.27	0.27	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 09, 2019	0.34	0.34	0.34	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 09, 2019	0.30	0.30	0.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 09, 2019	3.00	3.00	3.00	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 09, 2019	0.40	0.40	0.40	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 09, 2019	0.30	0.30	0.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 09, 2019	0.10	0.10	0.10	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 09, 2019	0.60	0.60	0.60	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 09, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 09, 2019	0.65	0.65	0.65	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 09, 2019	0.27	0.27	0.27	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 09, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 09, 2019	0.58	0.58	0.58	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 09, 2019	0.80	0.80	0.80	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 09, 2019	0.40	0.40	0.40	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 09, 2019	1.78	1.78	1.78	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 09, 2019	0.42	0.42	0.42	99.5%
19070711	59	786	KENT	13120605	9	Jun 09, 2019	0.04	0.04	0.04	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 09, 2019	0.32	0.32	0.32	100.0%
19070711	59	2146	KENT	13120605	9	Jun 09, 2019	0.09	0.09	0.09	98.9%
19070711	2610	2094	BITTON	13120735	9	Jun 09, 2019	0.11	0.11	0.11	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 09, 2019	0.03	0.03	0.03	100.0%
19070711	59	786	BITTON	13120735	9	Jun 09, 2019	0.01	0.01	0.01	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 09, 2019	0.16	0.16	0.16	100.0%

19081207	70	343	MOORE	13132050	4	Jun 09, 2019	0.17	0.23	0.17	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 09, 2019	0.50	0.68	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 09, 2019	0.33	0.45	0.33	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 09, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 09, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 09, 2019	2.76	2.76	2.76	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 09, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 09, 2019	0.78	0.78	0.78	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 09, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 09, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 09, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 09, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 09, 2019	0.30	0.30	0.30	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 09, 2019	1.60	1.60	1.60	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 09, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 09, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 09, 2019	0.02	0.02	0.02	100.0%
19150504	373	434	CHILLY	13121105	9	Jun 09, 2019	0.22	0.22	0.22	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 09, 2019	0.10	0.10	0.10	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 09, 2019	0.12	0.12	0.12	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 09, 2019	0.10	0.10	0.10	100.0%
19160212	682	1054	NEILSEN	13120805	9	Jun 09, 2019	0.03	0.03	0.03	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 09, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	Jun 09, 2019	0.31	0.31	0.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 09, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 09, 2019	0.68	0.68	0.68	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 09, 2019	0.85	0.85	0.85	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 09, 2019	0.17	0.17	0.17	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 09, 2019	0.16	0.16	0.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 09, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 09, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 09, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 09, 2019	0.50	0.68	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jun 09, 2019	0.44	0.60	0.44	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 09, 2019	4.40	7.00	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 09, 2019	16.00	25.45	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jun 09, 2019	1.30	2.07	1.30	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 09, 2019	0.82	1.12	0.82	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 09, 2019	77.68	106.02	77.68	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 09, 2019	23.50	37.38	23.50	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jun 09, 2019	1.16	1.85	0.34	29.3%
19950411	476	1273	BECK	13130525	4	Jun 09, 2019	2.00	2.73	2.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 09, 2019	7.14	7.14	7.14	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 09, 2019	47.16	47.16	47.16	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 09, 2019	38.90	38.90	38.90	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 09, 2019	13.00	13.00	13.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 09, 2019	3.54	3.54	3.54	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jun 09, 2019	10.00	10.00	10.00	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 09, 2019	10.00	10.00	10.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 09, 2019	9969.40	9969.40	839.14	8.4%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 10, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 10	1130.0	4.0	0.0	1134.0	0.00	1134.0	4.0	0.0	0.0	1130.0	0.0	0.0
9	Howell to Chilly	Jun 10	980.0	133.4	0.0	-16.6	0.01	1117.4	130.3	3.1	0.0	983.1	-3.1	0.0
8	Chilly to Reservoir	* Jun 10	1112.0	68.2	0.0	200.2	0.00	1317.6	62.0	6.2	0.0	1121.3	-9.3	0.0
	Connected													
7	Mackay Reservoir	* Jun 10	1021.3	0.0	0.0	0.0	0.00	1366.2	628.9		0.0	492.4	528.9	0.0
6	Reservoir to 2B	Jun 10	1010.0	11.3	0.0	0.0	0.00	1317.6	11.3	0.0	0.0	481.2	528.8	0.0
5	2B to Leslie	Jun 10	895.0	163.6	0.0	48.6	0.00	1366.2	142.7	20.9	0.0	387.1	507.9	0.0
4	Leslie to Moore	Jun 10	405.7	290.0	0.0	-199.3	0.22	1366.2	215.8	74.1	0.0	85.1	320.7	0.0
2	Moore to blw Munsey	Jun 10	262.0	81.8	0.0	-61.9	0.15	1366.2	72.1	9.7	0.0	0.0	262.0	0.0
1	Blw Munsey to Arco	Jun 10	256.0	0.0	0.0	-6.0	0.02	1366.2	0.0	0.0	0.0	0.0	256.0	0.0
								TOTAL	1267.1	114.0	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 10	0.0	0.0		20180101	6%
9	Howell to Chilly	Jun 10	0.0	0.0		20180101	6%
8	Chilly to Reservoir	Jun 10	0.0	0.0		20180101	6%
	Connected						
7	Mackay Reservoir	Jun 10	0.0	0.0		20180101	6%
6	Reservoir to 2B	Jun 10	0.0	0.0		20180101	6%
5	2B to Leslie	Jun 10	0.0	0.0		20180101	6%
4	Leslie to Moore	Jun 10	86.2	113.1		20180101	6%
2	Moore to blw Munsey	Jun 10	13.0	48.9		20180101	6%
1	Blw Munsey to Arco	Jun 10	0.0	6.0		20180101	6%
		TOTAL	99.2	168.1	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	260.2
2	18810630	1.7	294.0	138.2
3	18880601	3.2	556.5	260.2
4	18960601	6.4	1113.0	520.5
5	19020301	0.8	140.0	65.1
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	34953.9
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	80049.1

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
36940.0	37120.0	180.0	90.7	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	36198.1
Total Storage Loss	-19280.2
Total Storage Deliver	-8263.7
Total Evaporation	-404.7
Accounting Balance	37119.5
Current Res Content	37120.0
Storage Balance Error	-0.5

DAILY STORAGE BALANCE

36940.0	Reservoir Content Previous Day [ac-ft]
37120.0	Reservoir Content Current Day [ac-ft]
180.0	Physical Change in Storage [ac-ft]
1247.4	Storage Allocated to Mackay Reservoir [ac-ft]
-841.0	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-113.1	Leslie to Moore [cfs]
-48.9	Moore blw Munsey [cfs]
-6.0	blw Munsey to Arco Gage [cfs]
-256.0	Past Arco Gage [cfs]
-226.1	Storage Delivered [ac-ft]
9.3	Above Reservoir [cfs]
0.0	Reservoir to 2B [cfs]
20.9	2B to Leslie [cfs]
74.1	Leslie to Moore [cfs]
9.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Evaporation [ac-ft]
180.3	Accounting Change in Storage [ac-ft]
0.3	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1112.0	Gain in/above Mackay Reservoir [cfs]
48.6	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
1160.6	Total Available Natural Flow [cfs]
628.9	Reservoir Rights Diverted [cfs]
99.2	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
86.2	Leslie to Moore [cfs]
13.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
432.6	Natural Flow Delivered [cfs]
-9.3	Above Reservoir Storage Use [cfs]
11.3	Reservoir to 2B [cfs]
142.7	2B to Leslie [cfs]
215.8	Leslie to Moore [cfs]
72.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1160.7	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.7	585
Eastside Felton Wier +	31.5	1575
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	43.2	2160
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.6	128
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	66.4	3322
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	1.4	72
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.6	130
Island Wanstrom David +	0.0	0
Eastside OUT	23.7	1185
Total Out	103.5	5175

Abbreviated Reach Delivery Factor 2.40
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 404.2%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 23.7 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 5.9 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 75.8%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 7.7 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 76.3 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 224.7%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 306.3%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 10, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	6.4	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.0	0.0	0.1	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.3	0.0	13.1
9	BITTON	2.0	0.0	0.1	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.0	0.0	0.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	12.3	12.3	208.2
9	Thalman Hunter D	5.0	0.0	0.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	56.1	0.0	604.0
9	NEILSEN	46.4	3.1	226.0	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	75.2	8.6	872.8
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	20.0	0.0	0.0
9	CHILLY	49.0	0.0	0.0	8	Broken River Pum	2.0	0.0	8.1	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	15.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	14.4	8.0	197.3
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	6.0	6.0	150.7
8	Donahue 1	0.9	0.8	65.1	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	20.0	0.1	0.3
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	4.0	4.0	103.1
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.9	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	169.3	14.1	2094.9
8	Mtn. Springs 1	5.4	5.4	199.4	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	76.3	43.8	3613.1
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.4	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	42.8	9.6	393.6
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	39.0	0.1	207.1
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.0	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	4.0	211.2	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 10, 2019	1.10	1.10	1.10	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 10, 2019	4.11	4.11	4.11	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 10, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 10, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 10, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 10, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 10, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 10, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 10, 2019	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 10, 2019	1.20	1.20	1.20	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 10, 2019	0.27	0.35	0.27	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 10, 2019	0.09	0.12	0.09	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 10, 2019	1.54	1.98	1.54	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 10, 2019	0.79	1.02	0.79	100.0%
18830601	221	855	MOORE	13132050	4	Jun 10, 2019	1.60	2.06	1.60	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 10, 2019	1.72	2.21	1.72	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 10, 2019	1.13	1.45	1.13	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 10, 2019	0.18	0.23	0.18	100.0%
18830810	263	393	MOORE	13132050	4	Jun 10, 2019	0.18	0.23	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jun 10, 2019	0.48	0.62	0.48	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 10, 2019	0.01	0.01	0.01	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	0.43	0.55	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	0.21	0.27	0.21	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	0.21	0.27	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 10, 2019	1.64	2.11	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 10, 2019	0.14	0.18	0.14	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 10, 2019	0.55	0.55	0.55	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 10, 2019	0.96	0.96	0.96	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 10, 2019	2.17	2.17	2.17	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 10, 2019	0.20	0.20	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 10, 2019	1.10	1.10	1.10	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 10, 2019	1.63	1.63	1.63	100.0%
18840422	294	1421	DARLINGTON	13127735	5	Jun 10, 2019	0.03	0.03	0.03	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 10, 2019	2.00	2.00	2.00	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 10, 2019	0.21	0.21	0.21	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 10, 2019	1.92	1.92	1.92	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 10, 2019	0.79	0.79	0.79	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 10, 2019	0.50	0.50	0.50	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 10, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Jun 10, 2019	4.00	4.00	4.00	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 10, 2019	0.64	0.64	0.64	100.0%
18840422	544	2189	SHARP	13126500	6	Jun 10, 2019	1.00	1.00	1.00	100.0%
18840422	2525	1903	SHARP	13126500	6	Jun 10, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Jun 10, 2019	0.13	0.13	0.13	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 10, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jun 10, 2019	1.00	1.29	1.00	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 10, 2019	0.77	0.77	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 10, 2019	1.23	1.23	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 10, 2019	1.60	1.60	1.60	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 10, 2019	0.40	0.40	0.40	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 10, 2019	0.40	0.40	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 10, 2019	0.80	0.80	0.80	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 10, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 10, 2019	0.22	0.22	0.22	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 10, 2019	0.22	0.28	0.22	100.0%
18840520	433	271	MOORE	13132050	4	Jun 10, 2019	0.54	0.69	0.54	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 10, 2019	0.50	0.64	0.50	100.0%
18840520	427	1	MOORE	13132050	4	Jun 10, 2019	1.12	1.44	1.12	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 10, 2019	0.04	0.05	0.04	100.0%

18840520	414	1796	MOORE	13132050	4	Jun 10, 2019	1.60	2.06	1.60	100.0%
18840520	180	470	MOORE	13132050	4	Jun 10, 2019	0.16	0.21	0.16	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 10, 2019	0.01	0.01	0.01	100.0%
18840520	96	451	MOORE	13132050	4	Jun 10, 2019	0.58	0.75	0.58	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 10, 2019	0.18	0.23	0.18	100.0%
18840520	263	394	MOORE	13132050	4	Jun 10, 2019	0.22	0.28	0.22	100.0%
18840520	156	2002	MOORE	13132050	4	Jun 10, 2019	0.38	0.49	0.38	100.0%
18840520	113	585	MOORE	13132050	4	Jun 10, 2019	0.11	0.14	0.11	100.0%
18840520	14	2061	MOORE	13132050	4	Jun 10, 2019	0.04	0.05	0.04	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 10, 2019	0.02	0.03	0.02	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 10, 2019	2.24	2.88	2.24	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 10, 2019	0.01	0.01	0.01	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 10, 2019	0.17	0.22	0.17	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 10, 2019	0.78	1.00	0.78	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 10, 2019	0.80	1.03	0.80	100.0%
18840520	14	2002	MOORE	13132050	4	Jun 10, 2019	0.02	0.03	0.02	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 10, 2019	0.11	0.14	0.11	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	0.80	1.03	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 10, 2019	0.72	0.72	0.72	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 10, 2019	0.08	0.10	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 10, 2019	0.54	0.69	0.54	100.0%
18840601	96	453	MOORE	13132050	4	Jun 10, 2019	0.21	0.27	0.21	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 10, 2019	1.28	1.65	1.28	100.0%
18840601	263	395	MOORE	13132050	4	Jun 10, 2019	0.08	0.10	0.08	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 10, 2019	0.01	0.01	0.01	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 10, 2019	0.09	0.12	0.09	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 10, 2019	0.16	0.21	0.16	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 10, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 10, 2019	0.27	0.27	0.27	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 10, 2019	0.73	0.73	0.73	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 10, 2019	0.40	0.40	0.40	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 10, 2019	0.80	0.80	0.80	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 10, 2019	0.23	0.23	0.23	100.0%
18840601	360	693	BURNETT	13127750	5	Jun 10, 2019	0.40	0.40	0.40	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 10, 2019	0.37	0.37	0.37	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 10, 2019	0.40	0.40	0.40	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 10, 2019	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 10, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 10, 2019	0.80	0.80	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jun 10, 2019	0.54	0.69	0.54	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 10, 2019	0.80	1.03	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 10, 2019	0.80	1.03	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 10, 2019	1.20	1.54	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 10, 2019	1.20	1.54	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jun 10, 2019	0.80	1.03	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 10, 2019	0.40	0.51	0.40	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 10, 2019	0.09	0.12	0.09	100.0%
18840831	533	421	MOORE	13132050	4	Jun 10, 2019	0.14	0.18	0.14	100.0%
18840831	2330	422	MOORE	13132050	4	Jun 10, 2019	0.50	0.64	0.50	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	0.40	0.51	0.40	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	0.40	0.51	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	0.50	0.64	0.50	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	0.44	0.57	0.44	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jun 10, 2019	1.31	1.69	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 10, 2019	3.20	4.12	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 10, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jun 10, 2019	0.40	0.40	0.40	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 10, 2019	0.07	0.07	0.07	100.0%
18841012	205	2067	BECK	13130525	4	Jun 10, 2019	1.76	2.26	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Jun 10, 2019	0.58	0.75	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 10, 2019	0.89	1.14	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 10, 2019	1.25	1.61	1.25	100.0%
18841012	70	341	MOORE	13132050	4	Jun 10, 2019	0.31	0.40	0.31	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 10, 2019	1.09	1.09	1.09	100.0%

18850218	252	351	DARLINGTON	13127735	5	Jun 10, 2019	0.23	0.23	0.23	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 10, 2019	0.79	0.79	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 10, 2019	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 10, 2019	1.65	1.65	1.65	100.0%
18850501	426	887	ARCO	13132365	2	Jun 10, 2019	0.64	0.97	0.64	100.0%
18850501	468	59	ARCO	13132365	2	Jun 10, 2019	0.74	1.12	0.74	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 10, 2019	1.80	2.32	1.80	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 10, 2019	0.24	0.31	0.24	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jun 10, 2019	1.44	1.85	1.44	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 10, 2019	0.20	0.26	0.20	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 10, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 10, 2019	0.50	0.50	0.50	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	0.20	0.26	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	1.30	1.67	1.30	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	0.20	0.26	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 10, 2019	0.48	0.62	0.48	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 10, 2019	0.30	0.39	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 10, 2019	0.56	0.72	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 10, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 10, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 10, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jun 10, 2019	0.01	0.01	0.01	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 10, 2019	1.56	2.00	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jun 10, 2019	0.04	0.06	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	2.76	3.55	2.76	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 10, 2019	0.35	0.35	0.35	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jun 10, 2019	1.62	1.62	1.62	100.0%
18850601	205	2064	BECK	13130525	4	Jun 10, 2019	0.44	0.57	0.44	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 10, 2019	1.20	1.54	1.20	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 10, 2019	1.31	1.31	1.31	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 10, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 10, 2019	1.80	1.80	1.80	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 10, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jun 10, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 10, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 10, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 10, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 10, 2019	0.54	0.54	0.54	100.0%
18851002	437	62	ARCO	13132365	2	Jun 10, 2019	1.54	2.34	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 10, 2019	3.60	5.47	3.60	100.0%
18851002	318	545	MUNSEY	13132375	2	Jun 10, 2019	0.75	1.14	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Jun 10, 2019	0.80	1.21	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 10, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 10, 2019	1.60	2.06	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 10, 2019	2.80	3.60	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 10, 2019	1.20	1.54	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 10, 2019	4.56	5.87	4.56	100.0%
18860512	263	398	MOORE	13132050	4	Jun 10, 2019	0.18	0.23	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 10, 2019	0.01	0.01	0.01	100.0%
18860512	96	459	MOORE	13132050	4	Jun 10, 2019	0.48	0.62	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 10, 2019	0.18	0.23	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	1.73	2.23	1.73	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 10, 2019	0.08	0.10	0.08	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 10, 2019	0.20	0.26	0.20	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 10, 2019	2.40	3.09	2.40	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	1.00	1.29	1.00	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	1.60	2.06	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	1.24	1.60	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 10, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 10, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 10, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	1.00	1.29	1.00	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 10, 2019	0.13	0.13	0.13	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 10, 2019	0.60	0.60	0.60	100.0%

18860721	336	294	BURNETT	13127750	5	Jun 10, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 10, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jun 10, 2019	0.52	0.52	0.52	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 10, 2019	0.84	1.28	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 10, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 10, 2019	0.66	0.66	0.66	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 10, 2019	0.34	0.34	0.34	100.0%
18870313	459	338	MOORE	13132050	4	Jun 10, 2019	0.42	0.54	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jun 10, 2019	0.65	0.84	0.65	100.0%
18870313	433	683	MOORE	13132050	4	Jun 10, 2019	0.13	0.17	0.13	100.0%
18870313	70	337	MOORE	13132050	4	Jun 10, 2019	0.23	0.30	0.23	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 10, 2019	1.05	1.05	1.05	100.0%
18870313	73	2029	BURNETT	13127750	5	Jun 10, 2019	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 10, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 10, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 10, 2019	2.94	4.46	2.94	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jun 10, 2019	0.50	0.76	0.50	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 10, 2019	1.00	1.29	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 10, 2019	2.60	3.34	2.60	100.0%
18870601	73	2022	BURNETT	13127750	5	Jun 10, 2019	0.30	0.30	0.30	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 10, 2019	0.16	0.16	0.16	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 10, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 10, 2019	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 10, 2019	0.51	0.51	0.51	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 10, 2019	1.90	1.90	1.90	100.0%
18870630	236	1428	BECK	13130525	4	Jun 10, 2019	0.36	0.46	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 10, 2019	0.60	0.60	0.60	100.0%
18870801	623	2203	BURNETT	13127750	5	Jun 10, 2019	0.33	0.33	0.33	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 10, 2019	0.43	0.43	0.43	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 10, 2019	0.54	0.54	0.54	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 10, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 10, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jun 10, 2019	0.33	0.50	0.33	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 10, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 10, 2019	0.25	0.25	0.25	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 10, 2019	0.95	0.95	0.95	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 10, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 10, 2019	0.40	0.61	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 10, 2019	0.64	0.64	0.64	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 10, 2019	0.81	0.81	0.81	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 10, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 10, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 10, 2019	1.16	1.16	1.16	100.0%
18881101	59	2222	KENT	13120605	9	Jun 10, 2019	1.25	1.25	1.25	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 10, 2019	0.42	0.42	0.42	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 10, 2019	0.39	0.39	0.39	100.0%
18890410	294	1027	DARLINGTON	13127735	5	Jun 10, 2019	0.30	0.30	0.30	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 10, 2019	1.12	1.44	1.12	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 10, 2019	0.50	0.64	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jun 10, 2019	0.97	1.25	0.97	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 10, 2019	1.20	1.20	1.20	100.0%
18890601	322	968	BURNETT	13127750	5	Jun 10, 2019	0.80	0.80	0.80	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 10, 2019	0.70	0.70	0.70	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 10, 2019	2.30	2.30	2.30	100.0%
18900601	426	756	ARCO	13132365	2	Jun 10, 2019	0.57	0.87	0.57	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 10, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 10, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 10, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 10, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 10, 2019	1.76	1.76	1.76	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 10, 2019	0.60	0.77	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jun 10, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 10, 2019	5.20	5.20	5.20	100.0%
18920101	2615	1643	MOORE	13132050	4	Jun 10, 2019	0.70	0.90	0.70	100.0%

18920101	394	1607	MOORE	13132050	4	Jun 10, 2019	0.20	0.26	0.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 10, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 10, 2019	1.45	1.45	1.45	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 10, 2019	0.30	0.39	0.30	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 10, 2019	0.30	0.39	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 10, 2019	0.22	0.28	0.22	100.0%
18930323	77	366	MOORE	13132050	4	Jun 10, 2019	1.60	2.06	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jun 10, 2019	0.80	1.03	0.80	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 10, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 10, 2019	0.87	0.87	0.87	100.0%
18931101	59	2223	KENT	13120605	9	Jun 10, 2019	0.89	0.89	0.89	100.0%
18931101	59	1279	KENT	13120605	9	Jun 10, 2019	0.04	0.04	0.04	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 10, 2019	0.29	0.29	0.29	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 10, 2019	0.30	0.30	0.30	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 10, 2019	0.01	0.01	0.01	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 10, 2019	0.96	0.96	0.96	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 10, 2019	0.44	0.44	0.44	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 10, 2019	2.80	2.80	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 10, 2019	0.40	0.40	0.40	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 10, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 10, 2019	2.00	2.00	2.00	100.0%
18940601	417	379	MOORE	13132050	4	Jun 10, 2019	0.15	0.19	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	1.56	2.01	1.56	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 10, 2019	0.08	0.08	0.08	100.0%
18940601	2525	1904	SHARP	13126500	6	Jun 10, 2019	0.06	0.06	0.06	100.0%
18940601	284	229	SHARP	13126500	6	Jun 10, 2019	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 10, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 10, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	Jun 10, 2019	0.80	1.03	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Jun 10, 2019	0.10	0.13	0.10	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	0.40	0.51	0.40	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 10, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 10, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jun 10, 2019	1.74	2.24	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 10, 2019	1.60	1.60	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 10, 2019	3.20	3.20	3.20	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 10, 2019	0.48	0.62	0.48	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 10, 2019	0.60	0.77	0.60	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 10, 2019	1.56	2.01	1.56	100.0%
18960601	417	992	MOORE	13132050	4	Jun 10, 2019	1.20	1.54	1.20	100.0%
18960601	441	207	MOORE	13132050	4	Jun 10, 2019	0.99	1.27	0.99	100.0%
18960601	417	381	MOORE	13132050	4	Jun 10, 2019	2.40	3.09	2.40	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 10, 2019	0.23	0.30	0.23	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 10, 2019	0.03	0.04	0.03	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 10, 2019	0.02	0.03	0.02	100.0%
18960601	144	1879	MOORE	13132050	4	Jun 10, 2019	0.94	1.21	0.94	100.0%
18960601	459	993	MOORE	13132050	4	Jun 10, 2019	0.40	0.51	0.40	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 10, 2019	0.40	0.51	0.40	100.0%
18960601	96	457	MOORE	13132050	4	Jun 10, 2019	0.75	0.96	0.75	100.0%
18960601	533	424	MOORE	13132050	4	Jun 10, 2019	0.06	0.08	0.06	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 10, 2019	2.12	2.73	2.12	100.0%
18960601	263	397	MOORE	13132050	4	Jun 10, 2019	0.35	0.45	0.35	100.0%
18960601	263	399	MOORE	13132050	4	Jun 10, 2019	0.27	0.35	0.27	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	0.04	0.05	0.04	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	0.04	0.05	0.04	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jun 10, 2019	0.70	0.90	0.70	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jun 10, 2019	0.41	0.53	0.41	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 10, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 10, 2019	2.00	3.04	2.00	100.0%
18960801	280	1186	SHARP	13126500	6	Jun 10, 2019	1.14	1.14	1.14	100.0%
18960801	544	2206	SHARP	13126500	6	Jun 10, 2019	0.60	0.60	0.60	100.0%
18960901	437	671	ARCO	13132365	2	Jun 10, 2019	0.13	0.20	0.13	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 10, 2019	4.40	6.68	4.40	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 10, 2019	0.51	0.77	0.51	100.0%

18960928	150	216	MUNSEY	13132375	2	Jun 10, 2019	0.03	0.05	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 10, 2019	1.97	2.99	1.97	100.0%
18960928	90	46	MUNSEY	13132375	2	Jun 10, 2019	1.00	1.52	1.00	100.0%
18970510	437	664	ARCO	13132365	2	Jun 10, 2019	0.82	1.24	0.82	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 10, 2019	2.40	2.40	2.40	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 10, 2019	2.00	2.00	2.00	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jun 10, 2019	0.24	0.31	0.24	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jun 10, 2019	0.13	0.17	0.13	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jun 10, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 10, 2019	1.20	1.20	1.20	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	0.65	0.84	0.65	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	0.65	0.84	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jun 10, 2019	1.20	1.20	1.20	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 10, 2019	0.51	0.51	0.51	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 10, 2019	1.90	1.90	1.90	100.0%
18980901	268	562	ARCO	13132365	2	Jun 10, 2019	1.57	2.38	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 10, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 10, 2019	0.50	0.50	0.50	100.0%
18990327	14	2062	MOORE	13132050	4	Jun 10, 2019	0.01	0.01	0.01	100.0%
18990327	113	584	MOORE	13132050	4	Jun 10, 2019	0.03	0.04	0.03	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 10, 2019	0.21	0.27	0.21	100.0%
18990327	180	468	MOORE	13132050	4	Jun 10, 2019	0.05	0.06	0.05	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 10, 2019	0.01	0.01	0.01	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 10, 2019	2.72	4.13	2.72	100.0%
18990601	140	2071	MOORE	13132050	4	Jun 10, 2019	0.03	0.04	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jun 10, 2019	0.49	0.63	0.49	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 10, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 10, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 10, 2019	0.46	0.46	0.46	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 10, 2019	0.57	0.57	0.57	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 10, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 10, 2019	0.21	0.21	0.21	100.0%
19000924	318	543	MUNSEY	13132375	2	Jun 10, 2019	1.04	1.58	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 10, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	0.20	0.26	0.20	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 10, 2019	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 10, 2019	3.20	3.20	3.20	100.0%
19010901	70	339	MOORE	13132050	4	Jun 10, 2019	0.12	0.15	0.12	100.0%
19010901	459	684	MOORE	13132050	4	Jun 10, 2019	0.35	0.45	0.35	100.0%
19010901	459	340	MOORE	13132050	4	Jun 10, 2019	0.23	0.30	0.23	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 10, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jun 10, 2019	0.12	0.15	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 10, 2019	1.31	1.99	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 10, 2019	2.60	2.60	2.60	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	0.20	0.26	0.20	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	0.20	0.26	0.20	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	0.40	0.51	0.40	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 10, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 10, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 10, 2019	0.60	0.60	0.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 10, 2019	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 10, 2019	3.40	3.40	3.40	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 10, 2019	0.60	0.60	0.60	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 10, 2019	1.60	1.60	1.60	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 10, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 10, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 10, 2019	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 10, 2019	6.16	6.16	6.16	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 10, 2019	2.70	3.47	2.70	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 10, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 10, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 10, 2019	1.08	1.08	1.08	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 10, 2019	1.35	1.35	1.35	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 10, 2019	0.30	0.30	0.30	100.0%

19020601	2329	1739	NEILSEN	13120805	9	Jun 10, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 10, 2019	0.49	0.49	0.49	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 10, 2019	1.40	1.40	1.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 10, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 10, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 10, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 10, 2019	1.56	2.01	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 10, 2019	0.34	0.34	0.34	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 10, 2019	0.42	0.42	0.42	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 10, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 10, 2019	0.08	0.08	0.08	100.0%
19040620	483	1514	CHILLY	13121105	9	Jun 10, 2019	0.04	0.04	0.04	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 10, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 10, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jun 10, 2019	0.03	0.03	0.03	100.0%
19050501	59	2145	KENT	13120605	9	Jun 10, 2019	0.67	0.67	0.67	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 10, 2019	0.65	0.65	0.65	100.0%
19050501	59	784	BITTON	13120735	9	Jun 10, 2019	0.01	0.01	0.01	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 10, 2019	0.22	0.22	0.22	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 10, 2019	0.22	0.22	0.22	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 10, 2019	0.27	0.27	0.27	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 10, 2019	0.34	0.34	0.34	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 10, 2019	0.27	0.27	0.27	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 10, 2019	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 10, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 10, 2019	0.65	0.65	0.65	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 10, 2019	0.30	0.30	0.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 10, 2019	0.10	0.10	0.10	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 10, 2019	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 10, 2019	0.30	0.30	0.30	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 10, 2019	0.60	0.60	0.60	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 10, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 10, 2019	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 10, 2019	0.58	0.58	0.58	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 10, 2019	0.80	0.80	0.80	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 10, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jun 10, 2019	0.19	0.24	0.19	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 10, 2019	0.42	0.42	0.42	99.5%
19070711	59	786	KENT	13120605	9	Jun 10, 2019	0.04	0.04	0.04	100.0%
19070711	59	2146	KENT	13120605	9	Jun 10, 2019	0.09	0.09	0.09	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 10, 2019	0.32	0.32	0.32	99.7%
19070711	2610	2094	BITTON	13120735	9	Jun 10, 2019	0.11	0.11	0.11	100.0%
19070711	59	786	BITTON	13120735	9	Jun 10, 2019	0.01	0.01	0.01	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 10, 2019	0.03	0.03	0.03	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 10, 2019	0.16	0.16	0.16	100.0%
19081207	70	343	MOORE	13132050	4	Jun 10, 2019	0.17	0.22	0.17	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 10, 2019	0.50	0.64	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 10, 2019	0.33	0.42	0.33	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 10, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 10, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 10, 2019	2.76	2.76	2.76	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 10, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 10, 2019	0.78	0.78	0.78	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 10, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 10, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 10, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 10, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 10, 2019	0.30	0.30	0.30	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 10, 2019	0.13	0.17	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 10, 2019	1.60	1.60	1.60	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 10, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 10, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 10, 2019	0.02	0.02	0.02	100.0%
19150504	373	434	CHILLY	13121105	9	Jun 10, 2019	0.22	0.22	0.22	100.0%

19160212	279	2123	Anderson	13120745	9	Jun 10, 2019	0.10	0.10	0.10	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 10, 2019	0.12	0.12	0.12	100.0%
19160212	682	1054	NEILSEN	13120805	9	Jun 10, 2019	0.03	0.03	0.03	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 10, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 10, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	Jun 10, 2019	0.31	0.31	0.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 10, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 10, 2019	0.68	0.68	0.68	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 10, 2019	0.85	0.85	0.85	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 10, 2019	0.17	0.17	0.17	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 10, 2019	0.16	0.16	0.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 10, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 10, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 10, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 10, 2019	0.50	0.64	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jun 10, 2019	0.44	0.57	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jun 10, 2019	0.11	0.14	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 10, 2019	4.90	6.30	4.90	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 10, 2019	4.40	6.68	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 10, 2019	16.00	24.29	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jun 10, 2019	1.30	1.97	1.30	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 10, 2019	0.82	1.05	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 10, 2019	12.06	15.51	12.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 10, 2019	79.22	101.91	79.22	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 10, 2019	18.98	28.82	18.98	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jun 10, 2019	0.26	0.39	0.26	100.0%
19950411	476	1273	BECK	13130525	4	Jun 10, 2019	1.20	1.54	1.20	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 10, 2019	32.90	32.90	32.90	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 10, 2019	26.78	26.78	26.78	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 10, 2019	20.00	20.00	20.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 10, 2019	0.80	0.80	0.80	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jun 10, 2019	10.00	10.00	10.00	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 10, 2019	10.00	10.00	10.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 10, 2019	9969.40	9969.40	613.60	6.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 11, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		Jun 11	1190.0	3.0	0.0	1193.0	0.00	1193.0	3.0	0.0	0.0	1190.0	0.0	0.0
9	Howell to Chilly		Jun 11	966.0	140.1	0.0	-83.9	0.07	1109.1	130.6	9.5	0.0	975.5	-9.5	0.0
8	Chilly to Reservoir	*	Jun 11	1077.9	76.3	0.0	188.2	0.00	1297.3	69.8	6.5	0.0	1093.9	-15.9	0.0
	Connected														
7	Mackay Reservoir	*	Jun 11	987.2	0.0	0.0	0.0	0.00	1361.6	576.3		0.0	517.6	469.6	0.0
6	Reservoir to 2B		Jun 11	975.0	12.2	0.0	0.0	0.00	1297.3	12.1	0.1	0.0	505.5	469.5	0.0
5	2B to Leslie		Jun 11	837.0	202.3	0.0	64.3	0.00	1361.6	201.1	1.2	0.0	368.7	468.3	0.0
4	Leslie to Moore		Jun 11	385.4	292.6	0.0	-159.0	0.19	1361.6	210.2	82.4	0.0	88.5	297.0	0.0
2	Moore to blw Munsey		Jun 11	246.0	85.8	0.0	-53.6	0.14	1361.6	76.2	9.6	0.0	0.0	246.0	0.0
1	Blw Munsey to Arco		Jun 11	237.0	0.0	0.0	-9.0	0.04	1361.6	0.0	0.0	0.0	0.0	237.0	0.0
								TOTAL		1279.2	109.3	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 11	0.0	0.0		20180101	6%
9	Howell to Chilly	Jun 11	0.0	0.0		20180101	6%
8	Chilly to Reservoir	Jun 11	0.0	0.0		20180101	6%
	Connected						
7	Mackay Reservoir	Jun 11	0.0	0.0		20180101	6%
6	Reservoir to 2B	Jun 11	0.0	0.0		20180101	6%
5	2B to Leslie	Jun 11	0.0	0.0		20180101	6%
4	Leslie to Moore	Jun 11	70.0	89.0		20180101	6%
2	Moore to blw Munsey	Jun 11	12.3	41.3		20180101	6%
1	Blw Munsey to Arco	Jun 11	0.0	9.0		20180101	6%
		TOTAL	82.3	139.3	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	266.6
2	18810630	1.7	294.0	141.6
3	18880601	3.2	556.5	266.6
4	18960601	6.4	1113.0	533.2
5	19020301	0.8	140.0	66.6
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	36066.6
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	81192.2

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
37120.0	37300.0	180.0	90.7	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	37341.2
Total Storage Loss	-20026.6
Total Storage Deliver	-8480.5
Total Evaporation	-404.7
Accounting Balance	37299.4
Current Res Content	37300.0
Storage Balance Error	-0.6

DAILY STORAGE BALANCE

```
 37120.0 Reservoir Content Previous Day [ac-ft]
 37300.0 Reservoir Content Current Day [ac-ft]
   180.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------------
          1143.1 Storage Allocated to Mackay Reservoir [ac-ft]

          -746.4 Stored Flow Losses [ac-ft]
                   0.0 2B to Leslie [cfs]
                 -89.0 Leslie to Moore [cfs]
                 -41.3 Moore blw Munsey [cfs]
                  -9.0 blw Munsey to Arco Gage [cfs]
                -237.0 Past Arco Gage [cfs]

          -216.9 Storage Delivered [ac-ft]
                  16.0 Above Reservoir [cfs]
                   0.1 Reservoir to 2B [cfs]
                   1.2 2B to Leslie [cfs]
                  82.4 Leslie to Moore [cfs]
                   9.6 Moore to blw Munsey [cfs]
                   0.0 blw Munsey to Arco Gage [cfs]

             0.0 Evaporation [ac-ft]

   179.8 Accounting Change in Storage [ac-ft]
-------------------------------------------------------------
    -0.2 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
  1077.9 Gain in/above Mackay Reservoir [cfs]
    64.3 Gain in Reach 5: 2-B to Leslie [cfs]
     0.0 Gain in Reach 4: Leslie to Moore [cfs]
     0.0 Gain in Reach 2: Moore to Munsey [cfs]
     0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------------
  1142.2 Total Available Natural Flow [cfs]
-------------------------------------------------------------
           576.3 Reservoir Rights Diverted [cfs]

            82.3 Natural Flow Losses below Reservoir [cfs]
                  0.0 2B to Leslie [cfs]
                 70.0 Leslie to Moore [cfs]
                 12.3 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]
                  0.0 Natural Flow Past Arco Gage [cfs]

           483.6 Natural Flow Delivered [cfs]
                -16.0 Above Reservoir Storage Use [cfs]
                 12.1 Reservoir to 2B [cfs]
                201.1 2B to Leslie [cfs]
                210.2 Leslie to Moore [cfs]
                 76.2 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]

  1142.2 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------------
     0.0 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	9.6	480
Eastside Felton Wier +	30.4	1520
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	40.0	2000
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.6	128
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	72.6	3632
Island Babcock Delivery +	1.6	80
Island Felton Farms Delivery +	1.4	72
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	4.0	200
Island Wanstrom David +	0.0	0
Eastside OUT	14.4	720
Total Out	101.4	5072

Abbreviated Reach Delivery Factor 2.54
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 462.6%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 14.4 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 3.1 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 70.0%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 4.4 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 83.6 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 230.1%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 323.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 11, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	3.2	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.5	0.0	0.1	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.9	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	12.2	0.1	13.3
9	BITTON	5.5	0.0	0.1	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	7.0	2.4	4.8	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	24.1	1.2	210.6
9	Thalman Hunter D	7.0	2.4	4.8	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	66.9	0.0	604.0
9	NEILSEN	54.0	4.6	235.2	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	91.3	0.0	872.8
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	20.0	0.0	0.0
9	CHILLY	49.0	0.0	0.0	8	Broken River Pum	4.0	0.0	8.1	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	5.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	14.1	8.0	213.2
8	Mtn. Springs 3	5.5	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	6.0	6.0	162.6
8	Donahue 1	0.8	0.7	66.5	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	6.4	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	20.0	0.1	0.6
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	4.0	4.0	111.1
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	8.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	164.9	15.2	2125.0
8	Mtn. Springs 1	5.5	5.7	210.6	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	83.6	50.9	3714.1
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	46.8	9.6	412.7
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	39.0	0.0	207.1
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	11.7	0.1	0.1	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	3.0	217.2	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 11, 2019	2.31	2.31	2.31	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 11, 2019	2.89	2.89	2.89	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 11, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 11, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 11, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 11, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 11, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 11, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 11, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 2	13123070	8	Jun 11, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 11, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 11, 2019	3.00	3.00	3.00	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 11, 2019	1.54	1.90	1.54	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 11, 2019	0.79	0.98	0.79	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 11, 2019	0.27	0.34	0.27	100.0%
18830601	221	855	MOORE	13132050	4	Jun 11, 2019	1.60	1.98	1.60	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 11, 2019	0.09	0.11	0.09	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 11, 2019	1.72	2.12	1.72	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 11, 2019	1.13	1.40	1.13	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 11, 2019	0.01	0.01	0.01	100.0%
18830810	263	393	MOORE	13132050	4	Jun 11, 2019	0.18	0.22	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 11, 2019	0.18	0.22	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jun 11, 2019	0.48	0.59	0.48	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.43	0.53	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.21	0.26	0.21	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.21	0.26	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 11, 2019	1.64	2.02	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 11, 2019	0.14	0.17	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 11, 2019	1.54	1.54	1.54	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 11, 2019	0.07	0.07	0.07	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 11, 2019	1.12	1.12	1.12	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 11, 2019	0.18	0.18	0.18	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 11, 2019	2.17	2.17	2.17	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 11, 2019	1.10	1.10	1.10	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 11, 2019	0.20	0.20	0.20	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 11, 2019	1.63	1.63	1.63	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 11, 2019	0.96	0.96	0.96	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 11, 2019	0.55	0.55	0.55	100.0%
18840422	294	1421	DARLINGTON	13127735	5	Jun 11, 2019	0.03	0.03	0.03	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 11, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 11, 2019	0.21	0.21	0.21	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 11, 2019	1.92	1.92	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 11, 2019	2.00	2.00	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 11, 2019	0.50	0.50	0.50	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 11, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 11, 2019	0.12	0.12	0.12	100.0%
18840422	544	2189	SHARP	13126500	6	Jun 11, 2019	1.00	1.00	1.00	100.0%
18840422	2525	1903	SHARP	13126500	6	Jun 11, 2019	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	Jun 11, 2019	2.46	2.46	2.46	100.0%
18840422	284	228	SHARP	13126500	6	Jun 11, 2019	0.13	0.13	0.13	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 11, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jun 11, 2019	1.00	1.23	1.00	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 11, 2019	0.40	0.40	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 11, 2019	0.80	0.80	0.80	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 11, 2019	0.40	0.40	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 11, 2019	1.60	1.60	1.60	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 11, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 11, 2019	5.06	5.06	5.06	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 11, 2019	0.01	0.01	0.01	100.0%

18840520	414	1796	MOORE	13132050	4	Jun 11, 2019	1.60	1.98	1.60	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 11, 2019	2.24	2.77	2.24	100.0%
18840520	427	1	MOORE	13132050	4	Jun 11, 2019	1.12	1.38	1.12	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 11, 2019	0.78	0.96	0.78	100.0%
18840520	242	210	MOORE	13132050	4	Jun 11, 2019	0.21	0.26	0.21	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 11, 2019	0.02	0.02	0.02	100.0%
18840520	433	271	MOORE	13132050	4	Jun 11, 2019	0.54	0.67	0.54	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 11, 2019	0.17	0.21	0.17	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 11, 2019	0.50	0.62	0.50	100.0%
18840520	113	585	MOORE	13132050	4	Jun 11, 2019	0.11	0.14	0.11	100.0%
18840520	156	2002	MOORE	13132050	4	Jun 11, 2019	0.38	0.47	0.38	100.0%
18840520	14	2061	MOORE	13132050	4	Jun 11, 2019	0.04	0.05	0.04	100.0%
18840520	14	2002	MOORE	13132050	4	Jun 11, 2019	0.02	0.02	0.02	100.0%
18840520	180	470	MOORE	13132050	4	Jun 11, 2019	0.16	0.20	0.16	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 11, 2019	0.80	0.99	0.80	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 11, 2019	0.18	0.22	0.18	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 11, 2019	0.01	0.01	0.01	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 11, 2019	0.04	0.05	0.04	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 11, 2019	0.11	0.14	0.11	100.0%
18840520	263	394	MOORE	13132050	4	Jun 11, 2019	0.22	0.27	0.22	100.0%
18840520	96	451	MOORE	13132050	4	Jun 11, 2019	0.58	0.72	0.58	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 11, 2019	0.22	0.27	0.22	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.80	0.99	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 11, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 11, 2019	0.72	0.72	0.72	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 11, 2019	0.01	0.01	0.01	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 11, 2019	1.28	1.58	1.28	100.0%
18840601	96	453	MOORE	13132050	4	Jun 11, 2019	0.21	0.26	0.21	100.0%
18840601	263	395	MOORE	13132050	4	Jun 11, 2019	0.08	0.10	0.08	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 11, 2019	0.08	0.10	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 11, 2019	0.54	0.67	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 11, 2019	0.09	0.11	0.09	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 11, 2019	0.16	0.20	0.16	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 11, 2019	0.27	0.27	0.27	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 11, 2019	0.73	0.73	0.73	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 11, 2019	0.33	0.33	0.33	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 11, 2019	0.40	0.40	0.40	100.0%
18840601	360	693	BURNETT	13127750	5	Jun 11, 2019	0.40	0.40	0.40	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 11, 2019	0.20	0.20	0.20	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 11, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 11, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 2	13123070	8	Jun 11, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 11, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 11, 2019	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 11, 2019	1.20	1.48	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 11, 2019	0.80	0.99	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jun 11, 2019	0.54	0.67	0.54	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 11, 2019	1.20	1.48	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jun 11, 2019	0.80	0.99	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 11, 2019	0.80	0.99	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 11, 2019	0.09	0.11	0.09	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 11, 2019	0.40	0.49	0.40	100.0%
18840831	533	421	MOORE	13132050	4	Jun 11, 2019	0.14	0.17	0.14	100.0%
18840831	2330	422	MOORE	13132050	4	Jun 11, 2019	0.50	0.62	0.50	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jun 11, 2019	1.31	1.62	1.31	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.40	0.49	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.44	0.54	0.44	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.50	0.62	0.50	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.40	0.49	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 11, 2019	3.20	3.95	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 11, 2019	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 11, 2019	0.07	0.07	0.07	100.0%
18841012	205	2067	BECK	13130525	4	Jun 11, 2019	1.76	2.17	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Jun 11, 2019	0.31	0.38	0.31	100.0%

18841012	459	1079	MOORE	13132050	4	Jun 11, 2019	0.89	1.10	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 11, 2019	1.25	1.54	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Jun 11, 2019	0.58	0.72	0.58	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 11, 2019	0.74	0.74	0.74	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jun 11, 2019	0.41	0.41	0.41	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 11, 2019	2.78	2.78	2.78	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 11, 2019	1.20	1.20	1.20	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 11, 2019	3.30	3.30	3.30	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 11, 2019	0.72	0.72	0.72	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 11, 2019	2.77	2.77	2.77	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 11, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jun 11, 2019	0.65	0.65	0.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jun 11, 2019	0.23	0.23	0.23	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 11, 2019	1.65	1.65	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 11, 2019	0.79	0.79	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 11, 2019	2.00	2.00	2.00	100.0%
18850501	426	887	ARCO	13132365	2	Jun 11, 2019	0.64	0.92	0.64	100.0%
18850501	468	59	ARCO	13132365	2	Jun 11, 2019	0.74	1.06	0.74	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jun 11, 2019	1.44	1.78	1.44	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 11, 2019	0.20	0.25	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 11, 2019	0.24	0.30	0.24	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 11, 2019	1.80	2.22	1.80	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 11, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.20	0.25	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.40	0.49	0.40	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.20	0.25	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 11, 2019	0.48	0.59	0.48	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 11, 2019	0.30	0.37	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 11, 2019	0.56	0.69	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 11, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 11, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jun 11, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 11, 2019	0.19	0.19	0.19	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 11, 2019	1.56	1.92	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jun 11, 2019	0.04	0.05	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	2.76	3.41	2.76	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 11, 2019	0.75	0.75	0.75	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jun 11, 2019	1.62	1.62	1.62	100.0%
18850601	205	2064	BECK	13130525	4	Jun 11, 2019	0.44	0.54	0.44	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 11, 2019	1.20	1.48	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 11, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 11, 2019	2.40	2.40	2.40	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 11, 2019	1.31	1.31	1.31	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 11, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jun 11, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 11, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 11, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 11, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 11, 2019	2.54	2.54	2.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 11, 2019	3.60	5.16	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Jun 11, 2019	1.54	2.21	1.54	100.0%
18851002	318	545	MUNSEY	13132375	2	Jun 11, 2019	0.75	1.08	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Jun 11, 2019	0.80	1.15	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 11, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 11, 2019	1.60	1.98	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jun 11, 2019	1.20	1.48	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 11, 2019	2.80	3.46	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 11, 2019	4.56	5.63	4.56	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 11, 2019	0.01	0.01	0.01	100.0%
18860512	263	398	MOORE	13132050	4	Jun 11, 2019	0.18	0.22	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 11, 2019	0.18	0.22	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jun 11, 2019	0.48	0.59	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	1.77	2.19	1.77	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 11, 2019	0.08	0.10	0.08	100.0%

18860601	470	1323	MOORE	13132050	4	Jun 11, 2019	0.20	0.25	0.20	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 11, 2019	2.40	2.96	2.40	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	1.00	1.23	1.00	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	1.24	1.53	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 11, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 11, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 11, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	1.00	1.23	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 11, 2019	0.60	0.60	0.60	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 11, 2019	0.25	0.25	0.25	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 11, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 11, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jun 11, 2019	0.52	0.52	0.52	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 11, 2019	0.84	1.20	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 11, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 11, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 11, 2019	0.66	0.66	0.66	100.0%
18870313	459	682	MOORE	13132050	4	Jun 11, 2019	0.65	0.80	0.65	100.0%
18870313	70	337	MOORE	13132050	4	Jun 11, 2019	0.23	0.28	0.23	100.0%
18870313	459	338	MOORE	13132050	4	Jun 11, 2019	0.42	0.52	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Jun 11, 2019	0.13	0.16	0.13	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 11, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 11, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 11, 2019	2.94	4.22	2.94	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 11, 2019	1.00	1.23	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 11, 2019	3.20	3.95	3.20	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 11, 2019	0.16	0.16	0.16	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 11, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 11, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 2	13123070	8	Jun 11, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 11, 2019	1.07	1.07	1.07	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 11, 2019	1.33	1.33	1.33	100.0%
18870630	236	1428	BECK	13130525	4	Jun 11, 2019	0.36	0.44	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 11, 2019	0.60	0.60	0.60	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 11, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 11, 2019	0.49	0.49	0.49	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 11, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 11, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jun 11, 2019	0.33	0.47	0.33	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 11, 2019	0.76	0.76	0.76	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jun 11, 2019	0.55	0.55	0.55	100.0%
18880601	347	1973	SHARP	13126500	6	Jun 11, 2019	0.89	0.89	0.89	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 11, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 11, 2019	0.53	0.53	0.53	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 11, 2019	0.67	0.67	0.67	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 11, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 11, 2019	0.40	0.57	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 11, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 11, 2019	0.73	0.73	0.73	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 11, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 11, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	KENT	13120605	9	Jun 11, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 11, 2019	0.77	0.77	0.77	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 11, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 11, 2019	0.83	0.83	0.83	100.0%
18890410	294	1027	DARLINGTON	13127735	5	Jun 11, 2019	0.30	0.30	0.30	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 11, 2019	0.88	1.09	0.88	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 11, 2019	0.50	0.62	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jun 11, 2019	0.97	1.20	0.97	100.0%
18890601	322	968	BURNETT	13127750	5	Jun 11, 2019	0.80	0.80	0.80	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 11, 2019	0.70	0.70	0.70	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 11, 2019	2.30	2.30	2.30	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 11, 2019	1.20	1.20	1.20	100.0%
18900601	426	756	ARCO	13132365	2	Jun 11, 2019	0.57	0.82	0.57	100.0%

18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 11, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 11, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 11, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 11, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 11, 2019	0.24	0.24	0.24	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 11, 2019	0.60	0.74	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jun 11, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 11, 2019	5.20	5.20	5.20	100.0%
18920101	2615	1643	MOORE	13132050	4	Jun 11, 2019	0.70	0.86	0.70	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 11, 2019	0.20	0.25	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jun 11, 2019	0.80	0.99	0.80	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 11, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 11, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 11, 2019	0.30	0.37	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 11, 2019	0.22	0.27	0.22	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 11, 2019	0.30	0.37	0.30	100.0%
18930323	77	688	MOORE	13132050	4	Jun 11, 2019	0.80	0.99	0.80	100.0%
18930323	77	366	MOORE	13132050	4	Jun 11, 2019	1.60	1.98	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 11, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 11, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	KENT	13120605	9	Jun 11, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	KENT	13120605	9	Jun 11, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 11, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 11, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 11, 2019	0.58	0.58	0.58	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 11, 2019	0.96	0.96	0.96	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 11, 2019	0.44	0.44	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 11, 2019	0.40	0.40	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 11, 2019	2.80	2.80	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 11, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 11, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 11, 2019	2.40	3.44	2.40	100.0%
18940601	417	379	MOORE	13132050	4	Jun 11, 2019	0.15	0.19	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	2.10	2.59	2.10	100.0%
18940601	2525	1904	SHARP	13126500	6	Jun 11, 2019	0.06	0.06	0.06	100.0%
18940601	284	229	SHARP	13126500	6	Jun 11, 2019	0.15	0.15	0.15	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 11, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 11, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 11, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jun 11, 2019	0.10	0.12	0.10	100.0%
18950601	242	212	MOORE	13132050	4	Jun 11, 2019	0.11	0.14	0.11	100.0%
18950601	180	1343	MOORE	13132050	4	Jun 11, 2019	0.80	0.99	0.80	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.80	0.99	0.80	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.40	0.49	0.40	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 11, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 11, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jun 11, 2019	1.74	2.15	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 11, 2019	1.60	1.60	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 11, 2019	1.50	1.50	1.50	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 11, 2019	1.56	1.93	1.56	100.0%
18960601	263	399	MOORE	13132050	4	Jun 11, 2019	0.27	0.33	0.27	100.0%
18960601	263	397	MOORE	13132050	4	Jun 11, 2019	0.35	0.43	0.35	100.0%
18960601	533	424	MOORE	13132050	4	Jun 11, 2019	0.06	0.07	0.06	100.0%
18960601	417	992	MOORE	13132050	4	Jun 11, 2019	1.20	1.48	1.20	100.0%
18960601	441	207	MOORE	13132050	4	Jun 11, 2019	0.99	1.22	0.99	100.0%
18960601	417	381	MOORE	13132050	4	Jun 11, 2019	2.40	2.96	2.40	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 11, 2019	0.03	0.04	0.03	100.0%
18960601	96	457	MOORE	13132050	4	Jun 11, 2019	0.75	0.93	0.75	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 11, 2019	0.23	0.28	0.23	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 11, 2019	0.48	0.59	0.48	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 11, 2019	0.02	0.02	0.02	100.0%
18960601	459	993	MOORE	13132050	4	Jun 11, 2019	0.40	0.49	0.40	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 11, 2019	0.40	0.49	0.40	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 11, 2019	0.60	0.74	0.60	100.0%

18960601	144	1879	MOORE	13132050	4	Jun 11, 2019	0.94	1.16	0.94	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 11, 2019	2.12	2.62	2.12	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.04	0.04	0.04	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jun 11, 2019	0.70	0.86	0.70	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jun 11, 2019	0.41	0.51	0.41	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.04	0.04	0.04	100.0%
18960601	634	1547	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.06	0.07	0.06	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 11, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 11, 2019	2.00	2.87	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jun 11, 2019	0.60	0.60	0.60	100.0%
18960801	280	1186	SHARP	13126500	6	Jun 11, 2019	1.14	1.14	1.14	100.0%
18960901	437	671	ARCO	13132365	2	Jun 11, 2019	0.13	0.19	0.13	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 11, 2019	4.40	6.31	4.40	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 11, 2019	0.03	0.04	0.03	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 11, 2019	0.51	0.73	0.51	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 11, 2019	1.97	2.83	1.97	100.0%
18970510	437	664	ARCO	13132365	2	Jun 11, 2019	0.82	1.18	0.82	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 11, 2019	4.74	4.74	4.74	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 11, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 11, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jun 11, 2019	0.22	0.27	0.22	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jun 11, 2019	0.13	0.16	0.13	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jun 11, 2019	0.24	0.30	0.24	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jun 11, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 11, 2019	1.20	1.20	1.20	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.65	0.80	0.65	100.0%
18980601	634	1548	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.62	0.77	0.62	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.65	0.80	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jun 11, 2019	1.20	1.20	1.20	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 11, 2019	0.09	0.09	0.09	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 11, 2019	0.11	0.11	0.11	100.0%
18980901	268	562	ARCO	13132365	2	Jun 11, 2019	1.57	2.25	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 11, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 11, 2019	0.50	0.50	0.50	100.0%
18990327	14	2062	MOORE	13132050	4	Jun 11, 2019	0.01	0.01	0.01	100.0%
18990327	180	468	MOORE	13132050	4	Jun 11, 2019	0.05	0.06	0.05	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 11, 2019	0.21	0.26	0.21	100.0%
18990327	113	584	MOORE	13132050	4	Jun 11, 2019	0.03	0.04	0.03	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 11, 2019	0.01	0.01	0.01	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 11, 2019	2.72	3.90	2.72	100.0%
18990601	140	2071	MOORE	13132050	4	Jun 11, 2019	0.03	0.04	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jun 11, 2019	0.49	0.60	0.49	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 11, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 11, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 11, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 11, 2019	0.52	0.52	0.52	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 11, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 11, 2019	0.21	0.21	0.21	100.0%
19000924	318	543	MUNSEY	13132375	2	Jun 11, 2019	1.04	1.49	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 11, 2019	6.40	6.40	6.40	100.0%
19010901	459	684	MOORE	13132050	4	Jun 11, 2019	0.35	0.43	0.35	100.0%
19010901	459	340	MOORE	13132050	4	Jun 11, 2019	0.23	0.28	0.23	100.0%
19010901	70	339	MOORE	13132050	4	Jun 11, 2019	0.12	0.15	0.12	100.0%
19011001	263	396	MOORE	13132050	4	Jun 11, 2019	0.12	0.15	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 11, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 11, 2019	1.31	1.88	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 11, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.20	0.25	0.20	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.20	0.25	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 11, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 11, 2019	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 11, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 11, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 11, 2019	0.60	0.60	0.60	100.0%

19020301	307	676	CHILLY	13121105	9	Jun 11, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 11, 2019	2.40	2.40	2.40	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 11, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 11, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 11, 2019	2.70	3.33	2.70	100.0%
19020501	501	1325	Zollinger/No Tel	13123020	8	Jun 11, 2019	0.94	0.94	0.94	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 11, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 11, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 11, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 11, 2019	1.22	1.22	1.22	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 11, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 11, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 11, 2019	1.08	1.08	1.08	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 11, 2019	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 11, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 11, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 11, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 11, 2019	1.56	1.93	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 11, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 11, 2019	0.38	0.38	0.38	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 11, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 11, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 11, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 11, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 11, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jun 11, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	KENT	13120605	9	Jun 11, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 11, 2019	0.44	0.44	0.44	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 11, 2019	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 11, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 11, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 11, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	BITTON	13120735	9	Jun 11, 2019	0.02	0.02	0.02	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 11, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 11, 2019	0.31	0.31	0.31	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 11, 2019	0.10	0.10	0.10	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 11, 2019	0.27	0.27	0.27	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 11, 2019	0.82	0.82	0.82	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 11, 2019	3.00	3.00	3.00	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 11, 2019	1.30	1.30	1.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 11, 2019	0.40	0.40	0.40	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 11, 2019	0.65	0.65	0.65	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 11, 2019	0.06	0.06	0.06	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 11, 2019	0.30	0.30	0.30	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 11, 2019	0.80	0.80	0.80	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 11, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 11, 2019	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 11, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 11, 2019	0.78	0.78	0.78	100.0%
19060501	185	392	3IN1	13130605	4	Jun 11, 2019	0.19	0.23	0.19	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 11, 2019	1.52	1.52	1.52	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 11, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 11, 2019	1.37	1.37	1.37	100.0%
19070711	59	786	KENT	13120605	9	Jun 11, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 11, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	KENT	13120605	9	Jun 11, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 11, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 11, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	BITTON	13120735	9	Jun 11, 2019	0.03	0.03	0.03	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 11, 2019	0.16	0.16	0.16	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 11, 2019	0.50	0.62	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 11, 2019	0.33	0.41	0.33	100.0%
19081207	70	343	MOORE	13132050	4	Jun 11, 2019	0.17	0.21	0.17	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jun 11, 2019	1.82	1.82	1.82	100.0%

19100501	2610	2003	Donahue 1	13122230	8	Jun 11, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 11, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 11, 2019	2.76	2.76	2.76	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 11, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 11, 2019	0.09	0.09	0.09	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 11, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 11, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 11, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 11, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 11, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 11, 2019	2.80	2.80	2.80	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 11, 2019	4.30	4.30	4.30	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 11, 2019	0.13	0.16	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 11, 2019	0.82	0.82	0.82	100.0%
19140103	59	2233	KENT	13120605	9	Jun 11, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	KENT	13120605	9	Jun 11, 2019	0.04	0.04	0.04	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 11, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jun 11, 2019	0.69	0.69	0.69	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 11, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 11, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 11, 2019	0.18	0.18	0.18	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 11, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 11, 2019	0.11	0.11	0.11	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 11, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 11, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 11, 2019	2.70	2.70	2.70	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 11, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 11, 2019	0.88	0.88	0.88	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 11, 2019	0.78	0.78	0.78	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jun 11, 2019	0.47	0.47	0.47	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 11, 2019	4.16	4.16	4.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 11, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 11, 2019	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	Jun 11, 2019	0.79	1.13	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	Jun 11, 2019	0.01	0.01	0.01	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 11, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 11, 2019	0.50	0.62	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jun 11, 2019	0.44	0.54	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jun 11, 2019	0.11	0.14	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 11, 2019	4.90	6.05	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jun 11, 2019	0.02	0.03	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 11, 2019	4.40	6.31	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 11, 2019	16.00	22.95	15.92	99.5%
19810501	566	1684	MOORE	13132050	4	Jun 11, 2019	0.82	1.01	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 11, 2019	12.06	14.89	12.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 11, 2019	73.22	90.39	73.22	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 11, 2019	22.98	32.96	22.98	100.0%
19950411	476	1273	BECK	13130525	4	Jun 11, 2019	0.90	1.11	0.90	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 11, 2019	5.58	5.58	5.58	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 11, 2019	40.24	40.24	40.24	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 11, 2019	54.88	54.88	54.88	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 11, 2019	20.00	20.00	20.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 11, 2019	1.64	1.64	1.64	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 11, 2019	12.00	12.00	12.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 11, 2019	9969.40	9969.40	561.00	5.6%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 12, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 12	1550.0	3.0	0.0	1553.0	0.00	1553.0	3.0	0.0	0.0	1550.0	0.0	0.0
9	Howell to Chilly	Jun 12	1143.0	140.1	0.0	-266.9	0.17	1286.1	130.6	9.5	0.0	1152.5	-9.5	0.0
8	Chilly to Reservoir	* Jun 12	1139.2	76.3	0.0	72.4	0.00	1358.5	69.8	6.5	0.0	1155.1	-15.9	0.0
	Connected													
7	Mackay Reservoir	* Jun 12	947.6	0.0	0.0	0.0	0.00	1374.1	604.8		0.0	550.3	397.3	0.0
6	Reservoir to 2B	Jun 12	936.0	11.6	0.0	0.0	0.00	1358.5	11.6	0.0	0.0	538.7	397.3	0.0
5	2B to Leslie	Jun 12	749.0	202.6	0.0	15.6	0.00	1374.1	195.7	6.9	0.0	358.6	390.4	0.0
4	Leslie to Moore	Jun 12	342.7	295.2	0.0	-111.1	0.15	1374.1	217.2	78.0	0.0	88.2	254.5	0.0
2	Moore to blw Munsey	Jun 12	219.0	91.7	0.0	-32.0	0.09	1374.1	79.9	11.8	0.0	0.0	219.0	0.0
1	Blw Munsey to Arco	Jun 12	218.0	0.0	0.0	-1.0	0.00	1374.1	0.0	0.0	0.0	0.0	218.0	0.0
								TOTAL	1312.7	112.7	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 12	0.0	0.0		20180101	6%
9	Howell to Chilly	Jun 12	0.0	0.0		20180101	6%
8	Chilly to Reservoir	Jun 12	0.0	0.0		20180101	6%
	Connected						
7	Mackay Reservoir	Jun 12	0.0	0.0		20180101	6%
6	Reservoir to 2B	Jun 12	0.0	0.0		20180101	6%
5	2B to Leslie	Jun 12	0.0	0.0		20180101	6%
4	Leslie to Moore	Jun 12	53.2	57.9		20180101	6%
2	Moore to blw Munsey	Jun 12	8.2	23.8		20180101	6%
1	Blw Munsey to Arco	Jun 12	0.0	1.0		20180101	6%
		TOTAL	61.4	82.7	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	272.9
2	18810630	1.7	294.0	145.0
3	18880601	3.2	556.5	272.9
4	18960601	6.4	1113.0	545.9
5	19020301	0.8	140.0	68.2
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	37235.9
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	82391.8

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
37300.0	37680.0	380.0	191.6	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	38540.8
Total Storage Loss	-20623.0
Total Storage Deliver	-8704.0
Total Evaporation	-404.7
Accounting Balance	37679.2
Current Res Content	37680.0
Storage Balance Error	-0.8

DAILY STORAGE BALANCE

37300.0	Reservoir Content Previous Day [ac-ft]
37680.0	Reservoir Content Current Day [ac-ft]
380.0	Physical Change in Storage [ac-ft]
1199.6	Storage Allocated to Mackay Reservoir [ac-ft]
-596.4	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-57.9	Leslie to Moore [cfs]
-23.8	Moore blw Munsey [cfs]
-1.0	blw Munsey to Arco Gage [cfs]
-218.0	Past Arco Gage [cfs]
-223.5	Storage Delivered [ac-ft]
16.0	Above Reservoir [cfs]
0.0	Reservoir to 2B [cfs]
6.9	2B to Leslie [cfs]
78.0	Leslie to Moore [cfs]
11.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Evaporation [ac-ft]
379.7	Accounting Change in Storage [ac-ft]
-0.3	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1139.2	Gain in/above Mackay Reservoir [cfs]
15.6	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
1154.8	Total Available Natural Flow [cfs]
604.8	Reservoir Rights Diverted [cfs]
61.4	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
53.2	Leslie to Moore [cfs]
8.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
488.4	Natural Flow Delivered [cfs]
-16.0	Above Reservoir Storage Use [cfs]
11.6	Reservoir to 2B [cfs]
195.7	2B to Leslie [cfs]
217.2	Leslie to Moore [cfs]
79.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1154.6	Natural Flow Delivered & Lost [cfs]
0.2	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	12.3	615
Eastside Felton Wier +	30.5	1525
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	42.8	2140
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.8	40
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.6	128
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	70.3	3516
Island Babcock Delivery +	1.6	80
Island Felton Farms Delivery +	1.4	72
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	4.4	218
Island Wanstrom David +	0.0	0
Eastside OUT	18.6	930
Total Out	104.5	5224

Abbreviated Reach Delivery Factor 2.44
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 432.3%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 18.6 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 4.3 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 75.4%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 5.7 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 82.3 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 230.9%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 325.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 12, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	3.2	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.5	0.0	0.1	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.9	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.6	0.0	13.3
9	BITTON	5.5	0.0	0.1	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	7.0	2.4	9.6	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	27.4	3.3	217.1
9	Thalman Hunter D	7.0	2.4	9.6	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	62.3	0.0	604.0
9	NEILSEN	54.0	4.6	244.4	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	92.9	3.6	879.9
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	20.0	0.0	0.0
9	CHILLY	49.0	0.0	0.0	8	Broken River Pum	4.0	0.0	8.1	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	5.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	16.4	8.0	229.1
8	Mtn. Springs 3	5.5	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	6.0	6.0	174.5
8	Donahue 1	0.8	0.7	67.9	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	6.4	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	20.0	0.1	0.8
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	4.0	4.0	119.0
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	8.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	166.5	15.1	2154.9
8	Mtn. Springs 1	5.5	5.7	221.9	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	82.3	46.6	3806.5
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	48.7	9.7	431.9
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	43.0	2.1	211.3
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	11.7	0.1	0.2	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	3.0	223.1	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 12, 2019	2.31	2.31	2.31	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 12, 2019	2.89	2.89	2.89	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 12, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 12, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 12, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 12, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 12, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 12, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 12, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 2	13123070	8	Jun 12, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 12, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 12, 2019	3.00	3.00	3.00	100.0%
18830601	221	855	MOORE	13132050	4	Jun 12, 2019	1.60	1.88	1.60	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 12, 2019	0.09	0.11	0.09	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 12, 2019	1.54	1.81	1.54	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 12, 2019	0.27	0.32	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 12, 2019	0.79	0.93	0.79	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 12, 2019	1.13	1.33	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 12, 2019	1.72	2.02	1.72	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 12, 2019	0.01	0.01	0.01	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 12, 2019	0.18	0.21	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jun 12, 2019	0.48	0.56	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jun 12, 2019	0.18	0.21	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.21	0.25	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.43	0.50	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.21	0.25	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 12, 2019	1.64	1.93	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 12, 2019	0.14	0.16	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 12, 2019	0.07	0.07	0.07	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 12, 2019	0.18	0.18	0.18	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 12, 2019	1.12	1.12	1.12	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 12, 2019	1.54	1.54	1.54	100.0%
18840422	294	1421	DARLINGTON	13127735	5	Jun 12, 2019	0.03	0.03	0.03	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 12, 2019	1.44	1.44	1.44	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 12, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 12, 2019	0.55	0.55	0.55	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 12, 2019	2.17	2.17	2.17	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 12, 2019	0.96	0.96	0.96	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 12, 2019	0.20	0.20	0.20	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 12, 2019	0.21	0.21	0.21	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 12, 2019	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 12, 2019	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 12, 2019	1.92	1.92	1.92	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 12, 2019	0.79	0.79	0.79	100.0%
18840422	544	2189	SHARP	13126500	6	Jun 12, 2019	1.00	1.00	1.00	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 12, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 12, 2019	0.12	0.12	0.12	100.0%
18840422	2525	1903	SHARP	13126500	6	Jun 12, 2019	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	Jun 12, 2019	2.46	2.46	2.46	100.0%
18840422	284	228	SHARP	13126500	6	Jun 12, 2019	0.13	0.13	0.13	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 12, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jun 12, 2019	1.00	1.17	1.00	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 12, 2019	0.80	0.80	0.80	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 12, 2019	1.23	1.23	1.23	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 12, 2019	0.40	0.40	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 12, 2019	0.77	0.77	0.77	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 12, 2019	1.60	1.60	1.60	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 12, 2019	0.40	0.40	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 12, 2019	0.22	0.22	0.22	100.0%

18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 12, 2019	5.06	5.06	5.06	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 12, 2019	0.22	0.26	0.22	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 12, 2019	0.01	0.01	0.01	100.0%
18840520	113	585	MOORE	13132050	4	Jun 12, 2019	0.11	0.13	0.11	100.0%
18840520	180	470	MOORE	13132050	4	Jun 12, 2019	0.16	0.19	0.16	100.0%
18840520	242	210	MOORE	13132050	4	Jun 12, 2019	0.21	0.25	0.21	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 12, 2019	0.04	0.05	0.04	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 12, 2019	0.11	0.13	0.11	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 12, 2019	0.18	0.21	0.18	100.0%
18840520	96	451	MOORE	13132050	4	Jun 12, 2019	0.58	0.68	0.58	100.0%
18840520	427	1	MOORE	13132050	4	Jun 12, 2019	1.12	1.32	1.12	100.0%
18840520	156	2002	MOORE	13132050	4	Jun 12, 2019	0.38	0.45	0.38	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 12, 2019	0.50	0.59	0.50	100.0%
18840520	263	394	MOORE	13132050	4	Jun 12, 2019	0.22	0.26	0.22	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 12, 2019	0.80	0.94	0.80	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 12, 2019	2.24	2.63	2.24	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 12, 2019	0.78	0.92	0.78	100.0%
18840520	14	2002	MOORE	13132050	4	Jun 12, 2019	0.02	0.02	0.02	100.0%
18840520	14	2061	MOORE	13132050	4	Jun 12, 2019	0.04	0.05	0.04	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 12, 2019	0.02	0.02	0.02	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 12, 2019	0.01	0.01	0.01	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 12, 2019	0.17	0.20	0.17	100.0%
18840520	433	271	MOORE	13132050	4	Jun 12, 2019	0.54	0.63	0.54	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 12, 2019	1.60	1.88	1.60	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.80	0.94	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 12, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 12, 2019	0.72	0.72	0.72	100.0%
18840601	96	453	MOORE	13132050	4	Jun 12, 2019	0.21	0.25	0.21	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 12, 2019	0.08	0.09	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 12, 2019	0.09	0.11	0.09	100.0%
18840601	263	395	MOORE	13132050	4	Jun 12, 2019	0.08	0.09	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 12, 2019	1.28	1.50	1.28	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 12, 2019	0.01	0.01	0.01	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 12, 2019	0.54	0.63	0.54	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 12, 2019	0.16	0.19	0.16	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 12, 2019	0.80	0.80	0.80	100.0%
18840601	360	693	BURNETT	13127750	5	Jun 12, 2019	0.80	0.80	0.80	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 12, 2019	0.40	0.40	0.40	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 12, 2019	0.27	0.27	0.27	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 12, 2019	0.73	0.73	0.73	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 12, 2019	0.20	0.20	0.20	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 12, 2019	0.40	0.40	0.40	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 12, 2019	0.37	0.37	0.37	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 12, 2019	0.23	0.23	0.23	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 12, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 2	13123070	8	Jun 12, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 12, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 12, 2019	0.40	0.40	0.40	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 12, 2019	1.20	1.41	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jun 12, 2019	0.80	0.94	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 12, 2019	1.20	1.41	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jun 12, 2019	0.54	0.63	0.54	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 12, 2019	0.80	0.94	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 12, 2019	0.80	0.94	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 12, 2019	0.09	0.11	0.09	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 12, 2019	0.40	0.47	0.40	100.0%
18840831	2330	422	MOORE	13132050	4	Jun 12, 2019	0.50	0.59	0.50	100.0%
18840831	533	421	MOORE	13132050	4	Jun 12, 2019	0.14	0.16	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Jun 12, 2019	0.58	0.68	0.58	100.0%
18840831	306	1200	MOORE	13132050	4	Jun 12, 2019	0.20	0.23	0.20	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.40	0.47	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.44	0.52	0.44	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.50	0.59	0.50	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.40	0.47	0.40	100.0%

18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jun 12, 2019	1.31	1.54	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 12, 2019	3.20	3.76	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 12, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jun 12, 2019	0.40	0.40	0.40	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 12, 2019	0.07	0.07	0.07	100.0%
18840914	360	68	BURNETT	13127750	5	Jun 12, 2019	0.80	0.80	0.80	100.0%
18841012	205	2067	BECK	13130525	4	Jun 12, 2019	1.76	2.07	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 12, 2019	0.89	1.05	0.89	100.0%
18841012	70	341	MOORE	13132050	4	Jun 12, 2019	0.31	0.36	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Jun 12, 2019	0.58	0.68	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 12, 2019	1.25	1.47	1.25	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 12, 2019	2.77	2.77	2.77	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 12, 2019	2.78	2.78	2.78	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 12, 2019	0.72	0.72	0.72	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 12, 2019	1.20	1.20	1.20	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 12, 2019	0.74	0.74	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 12, 2019	3.30	3.30	3.30	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jun 12, 2019	0.41	0.41	0.41	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 12, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jun 12, 2019	0.65	0.65	0.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 12, 2019	0.79	0.79	0.79	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 12, 2019	0.56	0.56	0.56	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 12, 2019	1.65	1.65	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 12, 2019	2.00	2.00	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jun 12, 2019	0.23	0.23	0.23	100.0%
18850501	468	59	ARCO	13132365	2	Jun 12, 2019	0.74	0.96	0.74	100.0%
18850501	423	186	ARCO	13132365	2	Jun 12, 2019	0.26	0.34	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Jun 12, 2019	0.20	0.26	0.20	100.0%
18850501	426	887	ARCO	13132365	2	Jun 12, 2019	0.64	0.83	0.64	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 12, 2019	0.20	0.23	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 12, 2019	1.80	2.11	1.80	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 12, 2019	0.24	0.28	0.24	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jun 12, 2019	1.44	1.69	1.44	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 12, 2019	2.80	2.80	2.80	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.40	0.47	0.40	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.20	0.23	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.20	0.23	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 12, 2019	0.30	0.35	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 12, 2019	0.48	0.56	0.48	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 12, 2019	0.56	0.66	0.56	100.0%
18850530	484	1718	BURNETT	13127750	5	Jun 12, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 12, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 12, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 12, 2019	0.11	0.11	0.11	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 12, 2019	1.56	1.83	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jun 12, 2019	0.04	0.05	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	2.76	3.24	2.76	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 12, 2019	1.15	1.15	1.15	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jun 12, 2019	1.68	1.68	1.68	100.0%
18850601	205	2064	BECK	13130525	4	Jun 12, 2019	0.59	0.69	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 12, 2019	1.20	1.41	1.20	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 12, 2019	2.40	2.40	2.40	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 12, 2019	0.36	0.36	0.36	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 12, 2019	1.31	1.31	1.31	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 12, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 12, 2019	1.16	1.16	1.16	100.0%
18850601	544	2205	SHARP	13126500	6	Jun 12, 2019	0.80	0.80	0.80	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 12, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 12, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 12, 2019	2.54	2.54	2.54	100.0%
18851002	437	62	ARCO	13132365	2	Jun 12, 2019	1.54	1.99	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 12, 2019	3.60	4.66	3.60	100.0%
18851002	318	817	MUNSEY	13132375	2	Jun 12, 2019	0.80	1.04	0.80	100.0%
18851002	318	545	MUNSEY	13132375	2	Jun 12, 2019	0.75	0.97	0.75	100.0%

18860407	1	1334	6X Ranch 1	13122805	8	Jun 12, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 12, 2019	1.60	1.88	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 12, 2019	2.80	3.29	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 12, 2019	1.20	1.41	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 12, 2019	4.56	5.35	4.56	100.0%
18860512	263	398	MOORE	13132050	4	Jun 12, 2019	0.18	0.21	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 12, 2019	0.18	0.21	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 12, 2019	0.01	0.01	0.01	100.0%
18860512	96	459	MOORE	13132050	4	Jun 12, 2019	0.48	0.56	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	1.77	2.08	1.77	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 12, 2019	0.08	0.09	0.08	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 12, 2019	0.20	0.23	0.20	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 12, 2019	2.40	2.82	2.40	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	1.00	1.17	1.00	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	1.24	1.46	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 12, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 12, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 12, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	1.00	1.17	1.00	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 12, 2019	0.25	0.25	0.25	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 12, 2019	0.60	0.60	0.60	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 12, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jun 12, 2019	0.52	0.52	0.52	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 12, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 12, 2019	0.84	1.09	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 12, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 12, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 12, 2019	0.34	0.34	0.34	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jun 12, 2019	0.80	0.94	0.80	100.0%
18870313	70	337	MOORE	13132050	4	Jun 12, 2019	0.23	0.27	0.23	100.0%
18870313	459	682	MOORE	13132050	4	Jun 12, 2019	0.65	0.76	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Jun 12, 2019	0.42	0.49	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Jun 12, 2019	0.13	0.15	0.13	100.0%
18870313	73	2029	BURNETT	13127750	5	Jun 12, 2019	0.65	0.65	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	Jun 12, 2019	0.80	0.80	0.80	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 12, 2019	1.05	1.05	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 12, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 12, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 12, 2019	2.94	3.81	2.94	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 12, 2019	0.32	0.41	0.32	100.0%
18870601	423	76	ARCO	13132365	2	Jun 12, 2019	0.22	0.28	0.22	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 12, 2019	1.00	1.17	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 12, 2019	3.20	3.76	3.20	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 12, 2019	0.10	0.10	0.10	100.0%
18870601	73	2023	BURNETT	13127750	5	Jun 12, 2019	0.19	0.19	0.19	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 12, 2019	0.16	0.16	0.16	100.0%
18870601	73	2022	BURNETT	13127750	5	Jun 12, 2019	1.11	1.11	1.11	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 12, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 12, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 2	13123070	8	Jun 12, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 12, 2019	1.07	1.07	1.07	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 12, 2019	1.33	1.33	1.33	100.0%
18870630	236	1428	BECK	13130525	4	Jun 12, 2019	0.36	0.42	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 12, 2019	0.60	0.60	0.60	100.0%
18870801	623	2203	BURNETT	13127750	5	Jun 12, 2019	0.33	0.33	0.33	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 12, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 12, 2019	0.49	0.49	0.49	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 12, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 12, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jun 12, 2019	0.33	0.43	0.33	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	1.52	1.78	1.52	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jun 12, 2019	0.55	0.55	0.55	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 12, 2019	0.76	0.76	0.76	100.0%
18880601	347	1973	SHARP	13126500	6	Jun 12, 2019	0.89	0.89	0.89	100.0%

18880601	56	1994	MACKAY DAM	13126000	7	Jun 12, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 12, 2019	0.53	0.53	0.53	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 12, 2019	0.67	0.67	0.67	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 12, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 12, 2019	0.40	0.52	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 12, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 12, 2019	0.73	0.73	0.73	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 12, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 12, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	KENT	13120605	9	Jun 12, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 12, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 12, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 12, 2019	0.77	0.77	0.77	100.0%
18890410	294	1027	DARLINGTON	13127735	5	Jun 12, 2019	0.30	0.30	0.30	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 12, 2019	0.88	1.03	0.88	100.0%
18890601	441	205	MOORE	13132050	4	Jun 12, 2019	0.97	1.14	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 12, 2019	0.50	0.59	0.50	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 12, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 12, 2019	0.70	0.70	0.70	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 12, 2019	2.30	2.30	2.30	100.0%
18890601	322	968	BURNETT	13127750	5	Jun 12, 2019	0.80	0.80	0.80	100.0%
18900601	372	886	ARCO	13132365	2	Jun 12, 2019	0.59	0.76	0.59	100.0%
18900601	426	756	ARCO	13132365	2	Jun 12, 2019	0.57	0.74	0.57	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 12, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 12, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 12, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 12, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 12, 2019	0.24	0.24	0.24	100.0%
18910630	205	2065	BECK	13130525	4	Jun 12, 2019	0.05	0.06	0.05	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 12, 2019	0.60	0.70	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jun 12, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 12, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 12, 2019	0.20	0.23	0.20	100.0%
18920101	2615	1643	MOORE	13132050	4	Jun 12, 2019	0.70	0.82	0.70	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jun 12, 2019	0.80	0.94	0.80	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 12, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 12, 2019	1.45	1.45	1.45	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 12, 2019	0.30	0.35	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 12, 2019	0.22	0.26	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 12, 2019	0.30	0.35	0.30	100.0%
18930323	77	366	MOORE	13132050	4	Jun 12, 2019	1.60	1.88	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jun 12, 2019	0.80	0.94	0.80	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 12, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	Jun 12, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	KENT	13120605	9	Jun 12, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 12, 2019	0.58	0.58	0.58	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 12, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 12, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 12, 2019	0.60	0.60	0.60	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 12, 2019	0.96	0.96	0.96	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 12, 2019	2.80	2.80	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 12, 2019	0.40	0.40	0.40	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 12, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 12, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 12, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 12, 2019	2.00	2.59	2.00	100.0%
18940601	417	379	MOORE	13132050	4	Jun 12, 2019	0.15	0.18	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	2.50	2.94	2.50	100.0%
18940601	2525	1904	SHARP	13126500	6	Jun 12, 2019	0.06	0.06	0.06	100.0%
18940601	284	229	SHARP	13126500	6	Jun 12, 2019	0.15	0.15	0.15	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 12, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 12, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 12, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	Jun 12, 2019	0.80	0.94	0.80	100.0%

18950601	417	378	MOORE	13132050	4	Jun 12, 2019	0.10	0.12	0.10	100.0%
18950601	242	212	MOORE	13132050	4	Jun 12, 2019	0.11	0.13	0.11	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.40	0.47	0.40	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.80	0.94	0.80	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 12, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 12, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jun 12, 2019	1.74	2.04	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 12, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jun 12, 2019	0.25	0.30	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 12, 2019	1.50	1.50	1.50	100.0%
18960601	533	424	MOORE	13132050	4	Jun 12, 2019	0.06	0.07	0.06	100.0%
18960601	96	457	MOORE	13132050	4	Jun 12, 2019	0.75	0.88	0.75	100.0%
18960601	144	1879	MOORE	13132050	4	Jun 12, 2019	0.94	1.10	0.94	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 12, 2019	0.40	0.47	0.40	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 12, 2019	0.23	0.27	0.23	100.0%
18960601	263	397	MOORE	13132050	4	Jun 12, 2019	0.35	0.41	0.35	100.0%
18960601	441	207	MOORE	13132050	4	Jun 12, 2019	0.99	1.16	0.99	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 12, 2019	1.56	1.83	1.56	100.0%
18960601	459	993	MOORE	13132050	4	Jun 12, 2019	0.40	0.47	0.40	100.0%
18960601	263	399	MOORE	13132050	4	Jun 12, 2019	0.27	0.32	0.27	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 12, 2019	0.48	0.56	0.48	100.0%
18960601	417	381	MOORE	13132050	4	Jun 12, 2019	2.40	2.82	2.40	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 12, 2019	0.03	0.04	0.03	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 12, 2019	2.12	2.49	2.12	100.0%
18960601	417	992	MOORE	13132050	4	Jun 12, 2019	1.20	1.41	1.20	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 12, 2019	0.60	0.70	0.60	100.0%
18960601	306	1695	MOORE	13132050	4	Jun 12, 2019	0.44	0.52	0.44	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 12, 2019	0.02	0.02	0.02	100.0%
18960601	402	876	MOORE	13132050	4	Jun 12, 2019	0.07	0.08	0.07	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jun 12, 2019	0.41	0.48	0.41	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.04	0.04	0.04	100.0%
18960601	668	1562	LOWER EASTSIDE &	13132291	4	Jun 12, 2019	0.36	0.42	0.36	100.0%
18960601	634	1547	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.06	0.07	0.06	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jun 12, 2019	0.70	0.82	0.70	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 12, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 12, 2019	2.00	2.59	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jun 12, 2019	0.60	0.60	0.60	100.0%
18960801	280	1186	SHARP	13126500	6	Jun 12, 2019	1.14	1.14	1.14	100.0%
18960901	437	671	ARCO	13132365	2	Jun 12, 2019	0.13	0.17	0.13	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 12, 2019	0.51	0.66	0.51	100.0%
18960928	15	80	MUNSEY	13132375	2	Jun 12, 2019	2.32	3.00	2.32	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 12, 2019	0.03	0.04	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 12, 2019	1.97	2.55	1.97	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 12, 2019	4.40	5.70	4.40	100.0%
18960928	319	1175	MUNSEY	13132375	2	Jun 12, 2019	0.07	0.09	0.07	100.0%
18970510	437	664	ARCO	13132365	2	Jun 12, 2019	0.82	1.06	0.82	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 12, 2019	1.34	1.34	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 12, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jun 12, 2019	0.12	0.14	0.12	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 12, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jun 12, 2019	0.22	0.26	0.22	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jun 12, 2019	0.24	0.28	0.24	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jun 12, 2019	0.13	0.15	0.13	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jun 12, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 12, 2019	1.20	1.20	1.20	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.65	0.76	0.65	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.65	0.76	0.65	100.0%
18980601	634	1548	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.62	0.73	0.62	100.0%
18980601	322	814	BURNETT	13127750	5	Jun 12, 2019	1.20	1.20	1.20	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 12, 2019	0.09	0.09	0.09	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 12, 2019	0.11	0.11	0.11	100.0%
18980901	268	562	ARCO	13132365	2	Jun 12, 2019	1.57	2.03	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 12, 2019	0.25	0.25	0.25	100.0%

18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 12, 2019	0.50	0.50	0.50	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 12, 2019	0.01	0.01	0.01	100.0%
18990327	113	584	MOORE	13132050	4	Jun 12, 2019	0.03	0.04	0.03	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 12, 2019	0.21	0.25	0.21	100.0%
18990327	180	468	MOORE	13132050	4	Jun 12, 2019	0.05	0.06	0.05	100.0%
18990327	14	2062	MOORE	13132050	4	Jun 12, 2019	0.01	0.01	0.01	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 12, 2019	2.72	3.52	2.72	100.0%
18990601	180	2110	MOORE	13132050	4	Jun 12, 2019	0.49	0.58	0.49	100.0%
18990601	140	2071	MOORE	13132050	4	Jun 12, 2019	0.03	0.04	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 12, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 12, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 12, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 12, 2019	0.52	0.52	0.52	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 12, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 12, 2019	0.46	0.46	0.46	100.0%
19000924	318	543	MUNSEY	13132375	2	Jun 12, 2019	1.04	1.35	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 12, 2019	6.40	6.40	6.40	100.0%
19010722	665	1851	ARCO	13132365	2	Jun 12, 2019	0.15	0.19	0.15	100.0%
19010901	319	1512	MUNSEY	13132375	2	Jun 12, 2019	0.29	0.38	0.29	100.0%
19010901	70	339	MOORE	13132050	4	Jun 12, 2019	0.12	0.14	0.12	100.0%
19010901	459	684	MOORE	13132050	4	Jun 12, 2019	0.35	0.41	0.35	100.0%
19010901	459	340	MOORE	13132050	4	Jun 12, 2019	0.23	0.27	0.23	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 12, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jun 12, 2019	0.12	0.14	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 12, 2019	1.31	1.70	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 12, 2019	2.60	2.60	2.60	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.20	0.23	0.20	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.20	0.23	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 12, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 12, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 12, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 12, 2019	2.40	2.40	2.40	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 12, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 12, 2019	0.60	0.60	0.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 12, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 12, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 12, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 12, 2019	2.70	3.17	2.70	100.0%
19020501	501	1325	Zollinger/No Tel	13123020	8	Jun 12, 2019	0.94	0.94	0.94	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 12, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 12, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 12, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 12, 2019	1.22	1.22	1.22	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 12, 2019	0.24	0.24	0.24	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 12, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 12, 2019	1.08	1.08	1.08	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 12, 2019	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 12, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 12, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 12, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 12, 2019	1.56	1.83	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 12, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 12, 2019	0.38	0.38	0.38	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 12, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 12, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 12, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 12, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 12, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jun 12, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 12, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	KENT	13120605	9	Jun 12, 2019	0.45	0.45	0.45	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 12, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 12, 2019	0.62	0.62	0.62	100.0%
19050501	59	784	BITTON	13120735	9	Jun 12, 2019	0.02	0.02	0.02	100.0%

19050501	2610	2093	BITTON	13120735	9	Jun 12, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 12, 2019	0.45	0.45	0.45	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 12, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 12, 2019	0.31	0.31	0.31	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 12, 2019	0.27	0.27	0.27	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 12, 2019	0.65	0.65	0.65	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 12, 2019	0.06	0.06	0.06	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 12, 2019	1.30	1.30	1.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 12, 2019	0.82	0.82	0.82	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 12, 2019	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 12, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 12, 2019	0.40	0.40	0.40	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 12, 2019	0.10	0.10	0.10	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 12, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 12, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 12, 2019	0.80	0.80	0.80	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 12, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 12, 2019	0.78	0.78	0.78	100.0%
19060501	185	392	3IN1	13130605	4	Jun 12, 2019	0.19	0.22	0.19	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 12, 2019	1.52	1.52	1.52	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 12, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 12, 2019	1.37	1.37	1.37	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 12, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	KENT	13120605	9	Jun 12, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	KENT	13120605	9	Jun 12, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	BITTON	13120735	9	Jun 12, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 12, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 12, 2019	0.55	0.55	0.55	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 12, 2019	0.16	0.16	0.16	100.0%
19081207	459	344	MOORE	13132050	4	Jun 12, 2019	0.33	0.39	0.33	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 12, 2019	0.50	0.59	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jun 12, 2019	0.17	0.20	0.17	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jun 12, 2019	1.82	1.82	1.82	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 12, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 12, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 12, 2019	2.76	2.76	2.76	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 12, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 12, 2019	0.09	0.09	0.09	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 12, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 12, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 12, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 12, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 12, 2019	2.80	2.80	2.80	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 12, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 12, 2019	4.30	4.30	4.30	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 12, 2019	0.13	0.15	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 12, 2019	0.82	0.82	0.82	100.0%
19140103	59	2233	KENT	13120605	9	Jun 12, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	KENT	13120605	9	Jun 12, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jun 12, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 12, 2019	0.04	0.04	0.04	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 12, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 12, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 12, 2019	0.80	0.80	0.80	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 12, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 12, 2019	0.11	0.11	0.11	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 12, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 12, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 12, 2019	2.70	2.70	2.70	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 12, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 12, 2019	0.88	0.88	0.88	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 12, 2019	0.78	0.78	0.78	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jun 12, 2019	0.47	0.47	0.47	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 12, 2019	4.16	4.16	4.16	100.0%

19171003	55	1509	NEILSEN	13120805	9	Jun 12, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 12, 2019	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	Jun 12, 2019	0.79	1.02	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	Jun 12, 2019	0.01	0.01	0.01	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 12, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 12, 2019	0.50	0.59	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jun 12, 2019	0.44	0.52	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jun 12, 2019	0.11	0.13	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 12, 2019	4.90	5.75	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jun 12, 2019	0.02	0.03	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 12, 2019	3.80	4.92	3.80	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 12, 2019	16.00	20.72	16.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 12, 2019	0.82	0.96	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 12, 2019	12.06	14.16	12.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 12, 2019	73.22	85.97	73.22	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 12, 2019	23.12	29.94	23.12	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jun 12, 2019	0.14	0.18	0.14	100.0%
19950411	476	1273	BECK	13130525	4	Jun 12, 2019	3.00	3.52	3.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 12, 2019	6.80	6.80	6.80	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 12, 2019	37.68	37.68	37.68	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 12, 2019	43.80	43.80	43.80	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 12, 2019	20.00	20.00	20.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 12, 2019	1.64	1.64	1.14	69.5%
19950411	476	1273	CHILLY	13121105	9	Jun 12, 2019	12.00	12.00	12.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 12, 2019	9969.40	9969.40	589.50	5.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 13, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 13	1990.0	3.5	0.0	1993.5	0.00	1993.5	3.5	0.0	0.0	1990.0	0.0	0.0
9	Howell to Chilly	Jun 13	1417.0	143.1	0.0	-429.9	0.22	1563.6	133.6	9.5	0.0	1426.5	-9.5	0.0
8	Chilly to Reservoir	* Jun 13	1532.7	76.3	0.0	191.9	0.00	1755.5	69.8	6.5	0.0	1548.6	-15.9	0.0
	Connected													
7	Mackay Reservoir	* Jun 13	1011.6	0.0	0.0	0.0	0.00	1757.5	964.5		0.0	584.1	427.5	0.0
6	Reservoir to 2B	Jun 13	1000.0	11.6	0.0	0.0	0.00	1755.5	11.5	0.1	0.0	572.6	427.4	0.0
5	2B to Leslie	Jun 13	782.0	220.0	0.0	2.0	0.00	1757.5	204.9	15.1	0.0	369.7	412.3	0.0
4	Leslie to Moore	Jun 13	355.7	294.0	0.0	-132.3	0.17	1757.5	214.0	80.0	0.0	93.1	262.6	0.0
2	Moore to blw Munsey	Jun 13	216.0	93.8	0.0	-45.9	0.13	1757.5	81.1	12.7	0.0	0.0	216.0	0.0
1	Blw Munsey to Arco	Jun 13	209.0	0.0	0.0	-7.0	0.03	1757.5	0.0	0.0	0.0	0.0	209.0	0.0
								TOTAL	1683.0	123.9	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 13	0.0	0.0		20180101	10%
9	Howell to Chilly	Jun 13	0.0	0.0		20180101	10%
8	Chilly to Reservoir	Jun 13	0.0	0.0		20180101	10%
	Connected						
7	Mackay Reservoir	Jun 13	0.0	0.0		20180101	10%
6	Reservoir to 2B	Jun 13	0.0	0.0		20180101	10%
5	2B to Leslie	Jun 13	0.0	0.0		20180101	10%
4	Leslie to Moore	Jun 13	62.5	69.8		20180101	10%
2	Moore to blw Munsey	Jun 13	12.0	33.9		20180101	10%
1	Blw Munsey to Arco	Jun 13	0.0	7.0		20180101	10%
		TOTAL	74.5	110.6	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	279.3
2	18810630	1.7	294.0	148.4
3	18880601	3.2	556.5	279.3
4	18960601	6.4	1113.0	558.6
5	19020301	0.8	140.0	69.8
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	39118.6
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	84304.9

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
37680.0	38690.0	1010.0	509.2	11.9

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	40453.9
Total Storage Loss	-21257.1
Total Storage Deliver	-8949.8
Total Evaporation	-428.2
Accounting Balance	38688.7
Current Res Content	38690.0
Storage Balance Error	-1.3

DAILY STORAGE BALANCE

37680.0	Reservoir Content Previous Day [ac-ft]
38690.0	Reservoir Content Current Day [ac-ft]
1010.0	Physical Change in Storage [ac-ft]
1913.0	Storage Allocated to Mackay Reservoir [ac-ft]
-634.1	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-69.8	Leslie to Moore [cfs]
-33.9	Moore blw Munsey [cfs]
-7.0	blw Munsey to Arco Gage [cfs]
-209.0	Past Arco Gage [cfs]
-245.7	Storage Delivered [ac-ft]
16.0	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
15.1	2B to Leslie [cfs]
80.0	Leslie to Moore [cfs]
12.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-23.6	Evaporation [ac-ft]
1009.6	Accounting Change in Storage [ac-ft]
-0.4	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1532.7	Gain in/above Mackay Reservoir [cfs]
2.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
1534.7	Total Available Natural Flow [cfs]
964.5	Reservoir Rights Diverted [cfs]
74.5	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
62.5	Leslie to Moore [cfs]
12.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
495.5	Natural Flow Delivered [cfs]
-16.0	Above Reservoir Storage Use [cfs]
11.5	Reservoir to 2B [cfs]
204.9	2B to Leslie [cfs]
214.0	Leslie to Moore [cfs]
81.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1534.5	Natural Flow Delivered & Lost [cfs]
0.2	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	12.6	630
Eastside Felton Wier +	32.1	1605
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	44.7	2235
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.8	40
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.4	118
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	72.0	3602
Island Babcock Delivery +	1.6	80
Island Felton Farms Delivery +	1.4	72
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	4.3	216
Island Wanstrom David +	0.0	0
Eastside OUT	21.7	1085
Total Out	109.1	5453

Abbreviated Reach Delivery Factor 2.44
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 429.4%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 21.7 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 5.1 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 75.5%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 6.7 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 81.3 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 236.1%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 324.3%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 13, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.5	0.0	0.0	8	No Tellum 2	3.2	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.5	0.0	0.1	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.9	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.6	0.1	13.5
9	BITTON	5.5	0.0	0.1	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	7.0	2.4	14.4	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	27.0	3.3	223.6
9	Thalman Hunter D	7.0	2.4	14.4	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	74.4	5.1	614.1
9	NEILSEN	54.0	4.6	253.5	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	98.6	6.7	893.2
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	20.0	0.0	0.0
9	CHILLY	49.0	0.0	0.0	8	Broken River Pum	4.0	0.0	8.1	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	8.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	16.2	8.0	244.9
8	Mtn. Springs 3	5.5	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	6.0	6.0	186.4
8	Donahue 1	0.8	0.7	69.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	6.4	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	20.0	0.1	1.1
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	4.0	4.0	126.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	166.5	16.6	2187.9
8	Mtn. Springs 1	5.5	5.7	233.2	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	81.3	47.0	3899.8
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	50.0	9.7	451.0
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	43.8	3.0	217.3
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	11.7	0.1	0.4	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	6.0	235.0	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 13, 2019	1.73	1.73	1.73	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 13, 2019	3.47	3.47	3.47	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 13, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 13, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 13, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 13, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 13, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 13, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 13, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 2	13123070	8	Jun 13, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 13, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 13, 2019	3.00	3.00	3.00	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 13, 2019	0.79	0.95	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 13, 2019	1.54	1.85	1.54	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 13, 2019	0.09	0.11	0.09	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 13, 2019	0.27	0.33	0.27	100.0%
18830601	221	855	MOORE	13132050	4	Jun 13, 2019	1.60	1.93	1.60	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 13, 2019	1.72	2.07	1.72	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 13, 2019	1.13	1.36	1.13	100.0%
18830810	96	449	MOORE	13132050	4	Jun 13, 2019	0.48	0.58	0.48	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 13, 2019	0.01	0.01	0.01	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 13, 2019	0.18	0.22	0.18	100.0%
18830810	263	393	MOORE	13132050	4	Jun 13, 2019	0.18	0.22	0.18	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.43	0.52	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.21	0.26	0.21	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.21	0.26	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 13, 2019	1.64	1.97	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 13, 2019	0.14	0.17	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 13, 2019	0.07	0.07	0.07	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 13, 2019	0.18	0.18	0.18	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 13, 2019	1.12	1.12	1.12	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 13, 2019	1.54	1.54	1.54	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 13, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 13, 2019	0.55	0.55	0.55	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 13, 2019	1.44	1.44	1.44	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 13, 2019	2.17	2.17	2.17	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 13, 2019	0.96	0.96	0.96	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jun 13, 2019	0.14	0.14	0.14	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 13, 2019	0.20	0.20	0.20	100.0%
18840422	294	1421	DARLINGTON	13127735	5	Jun 13, 2019	0.03	0.03	0.03	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 13, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 13, 2019	0.79	0.79	0.79	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 13, 2019	1.92	1.92	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 13, 2019	2.00	2.00	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 13, 2019	0.50	0.50	0.50	100.0%
18840422	347	938	SHARP	13126500	6	Jun 13, 2019	2.46	2.46	2.46	100.0%
18840422	284	228	SHARP	13126500	6	Jun 13, 2019	0.13	0.13	0.13	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 13, 2019	0.12	0.12	0.12	100.0%
18840422	544	2189	SHARP	13126500	6	Jun 13, 2019	1.00	1.00	1.00	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 13, 2019	0.64	0.64	0.64	100.0%
18840422	2525	1903	SHARP	13126500	6	Jun 13, 2019	0.08	0.08	0.08	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 13, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jun 13, 2019	1.00	1.20	1.00	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 13, 2019	0.40	0.40	0.40	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 13, 2019	0.40	0.40	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 13, 2019	1.60	1.60	1.60	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 13, 2019	0.80	0.80	0.80	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 13, 2019	1.23	1.23	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 13, 2019	0.77	0.77	0.77	100.0%

18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 13, 2019	5.06	5.06	5.06	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 13, 2019	0.22	0.22	0.22	100.0%
18840520	263	394	MOORE	13132050	4	Jun 13, 2019	0.22	0.26	0.22	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 13, 2019	1.60	1.93	1.60	100.0%
18840520	113	585	MOORE	13132050	4	Jun 13, 2019	0.11	0.13	0.11	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 13, 2019	0.04	0.05	0.04	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 13, 2019	0.02	0.02	0.02	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 13, 2019	0.18	0.22	0.18	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 13, 2019	0.17	0.20	0.17	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 13, 2019	0.22	0.26	0.22	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 13, 2019	2.24	2.70	2.24	100.0%
18840520	180	470	MOORE	13132050	4	Jun 13, 2019	0.16	0.19	0.16	100.0%
18840520	156	2002	MOORE	13132050	4	Jun 13, 2019	0.38	0.46	0.38	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 13, 2019	0.01	0.01	0.01	100.0%
18840520	433	271	MOORE	13132050	4	Jun 13, 2019	0.54	0.65	0.54	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 13, 2019	0.78	0.94	0.78	100.0%
18840520	242	210	MOORE	13132050	4	Jun 13, 2019	0.21	0.25	0.21	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 13, 2019	0.01	0.01	0.01	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 13, 2019	0.50	0.60	0.50	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 13, 2019	0.11	0.13	0.11	100.0%
18840520	427	1	MOORE	13132050	4	Jun 13, 2019	1.12	1.35	1.12	100.0%
18840520	96	451	MOORE	13132050	4	Jun 13, 2019	0.58	0.70	0.58	100.0%
18840520	14	2002	MOORE	13132050	4	Jun 13, 2019	0.02	0.02	0.02	100.0%
18840520	14	2061	MOORE	13132050	4	Jun 13, 2019	0.04	0.05	0.04	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.80	0.96	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 13, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 13, 2019	0.72	0.72	0.72	100.0%
18840601	263	395	MOORE	13132050	4	Jun 13, 2019	0.08	0.10	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 13, 2019	0.09	0.11	0.09	100.0%
18840601	96	453	MOORE	13132050	4	Jun 13, 2019	0.21	0.25	0.21	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 13, 2019	0.54	0.65	0.54	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 13, 2019	1.28	1.54	1.28	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 13, 2019	0.08	0.10	0.08	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 13, 2019	0.01	0.01	0.01	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 13, 2019	0.16	0.19	0.16	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 13, 2019	0.23	0.23	0.23	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 13, 2019	0.20	0.20	0.20	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 13, 2019	0.40	0.40	0.40	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 13, 2019	0.80	0.80	0.80	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 13, 2019	0.27	0.27	0.27	100.0%
18840601	360	693	BURNETT	13127750	5	Jun 13, 2019	0.80	0.80	0.80	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 13, 2019	0.40	0.40	0.40	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 13, 2019	0.37	0.37	0.37	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 13, 2019	0.20	0.20	0.20	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 13, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 2	13123070	8	Jun 13, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 13, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 13, 2019	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 13, 2019	1.20	1.44	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 13, 2019	1.20	1.44	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jun 13, 2019	0.80	0.96	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jun 13, 2019	0.54	0.65	0.54	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 13, 2019	0.80	0.96	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 13, 2019	0.80	0.96	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 13, 2019	0.09	0.11	0.09	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 13, 2019	0.40	0.48	0.40	100.0%
18840831	306	1200	MOORE	13132050	4	Jun 13, 2019	0.20	0.24	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Jun 13, 2019	0.58	0.70	0.58	100.0%
18840831	2330	422	MOORE	13132050	4	Jun 13, 2019	0.50	0.60	0.50	100.0%
18840831	533	421	MOORE	13132050	4	Jun 13, 2019	0.14	0.17	0.14	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jun 13, 2019	1.31	1.58	1.31	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.50	0.60	0.50	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.40	0.48	0.40	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.40	0.48	0.40	100.0%

18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.44	0.53	0.44	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 13, 2019	3.20	3.85	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 13, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jun 13, 2019	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Jun 13, 2019	0.80	0.80	0.80	100.0%
18841012	205	2067	BECK	13130525	4	Jun 13, 2019	1.76	2.12	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 13, 2019	0.89	1.07	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Jun 13, 2019	0.58	0.70	0.58	100.0%
18841012	70	341	MOORE	13132050	4	Jun 13, 2019	0.31	0.37	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 13, 2019	1.25	1.50	1.25	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 13, 2019	3.30	3.30	3.30	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 13, 2019	2.78	2.78	2.78	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jun 13, 2019	0.41	0.41	0.41	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 13, 2019	1.20	1.20	1.20	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 13, 2019	0.72	0.72	0.72	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 13, 2019	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 13, 2019	0.74	0.74	0.74	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 13, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jun 13, 2019	0.65	0.65	0.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 13, 2019	0.79	0.79	0.79	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jun 13, 2019	0.23	0.23	0.23	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 13, 2019	1.65	1.65	1.65	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 13, 2019	1.10	1.10	1.10	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 13, 2019	2.00	2.00	2.00	100.0%
18850501	423	87	ARCO	13132365	2	Jun 13, 2019	0.20	0.28	0.20	100.0%
18850501	426	887	ARCO	13132365	2	Jun 13, 2019	0.64	0.88	0.64	100.0%
18850501	468	59	ARCO	13132365	2	Jun 13, 2019	0.74	1.02	0.74	100.0%
18850501	423	186	ARCO	13132365	2	Jun 13, 2019	0.26	0.36	0.26	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 13, 2019	1.80	2.17	1.80	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 13, 2019	0.24	0.29	0.24	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 13, 2019	0.20	0.24	0.20	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jun 13, 2019	1.44	1.73	1.44	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 13, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.20	0.24	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.20	0.24	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.40	0.48	0.40	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 13, 2019	0.48	0.58	0.48	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 13, 2019	0.30	0.36	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 13, 2019	0.56	0.67	0.56	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 13, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jun 13, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 13, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 13, 2019	1.37	1.37	1.37	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 13, 2019	1.56	1.87	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	2.76	3.32	2.76	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jun 13, 2019	1.68	1.68	1.68	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 13, 2019	0.75	0.75	0.75	100.0%
18850601	205	2064	BECK	13130525	4	Jun 13, 2019	0.59	0.71	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 13, 2019	1.20	1.44	1.20	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 13, 2019	1.31	1.31	1.31	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 13, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 13, 2019	2.40	2.40	2.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 13, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jun 13, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 13, 2019	1.10	1.10	1.10	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 13, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 13, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 13, 2019	1.54	1.54	1.54	100.0%
18851002	437	62	ARCO	13132365	2	Jun 13, 2019	1.54	2.13	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 13, 2019	3.60	4.97	3.60	100.0%
18851002	318	817	MUNSEY	13132375	2	Jun 13, 2019	0.80	1.11	0.80	100.0%
18851002	318	545	MUNSEY	13132375	2	Jun 13, 2019	0.75	1.04	0.75	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 13, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 13, 2019	1.60	1.93	1.60	100.0%

18860501	417	644	MOORE	13132050	4	Jun 13, 2019	1.20	1.44	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 13, 2019	2.80	3.37	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 13, 2019	4.56	5.49	4.56	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 13, 2019	0.18	0.22	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jun 13, 2019	0.48	0.58	0.48	100.0%
18860512	263	398	MOORE	13132050	4	Jun 13, 2019	0.18	0.22	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 13, 2019	0.01	0.01	0.01	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	1.77	2.13	1.77	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 13, 2019	0.08	0.10	0.08	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 13, 2019	2.40	2.89	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 13, 2019	0.20	0.24	0.20	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	1.00	1.20	1.00	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	1.24	1.49	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 13, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 13, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 13, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	1.00	1.20	1.00	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.10	0.12	0.10	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 13, 2019	0.60	0.60	0.60	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 13, 2019	0.25	0.25	0.25	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 13, 2019	0.80	0.80	0.80	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 13, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jun 13, 2019	0.52	0.52	0.52	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 13, 2019	0.84	1.16	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 13, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 13, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 13, 2019	1.26	1.26	1.26	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jun 13, 2019	0.80	0.96	0.80	100.0%
18870313	459	338	MOORE	13132050	4	Jun 13, 2019	0.42	0.51	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jun 13, 2019	0.65	0.78	0.65	100.0%
18870313	70	337	MOORE	13132050	4	Jun 13, 2019	0.23	0.28	0.23	100.0%
18870313	433	683	MOORE	13132050	4	Jun 13, 2019	0.13	0.16	0.13	100.0%
18870313	73	2029	BURNETT	13127750	5	Jun 13, 2019	0.65	0.65	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 13, 2019	1.05	1.05	1.05	100.0%
18870313	360	681	BURNETT	13127750	5	Jun 13, 2019	0.80	0.80	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 13, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 13, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 13, 2019	2.94	4.06	2.94	100.0%
18870601	423	76	ARCO	13132365	2	Jun 13, 2019	0.22	0.30	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 13, 2019	0.32	0.44	0.32	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 13, 2019	1.00	1.20	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 13, 2019	3.20	3.85	3.20	100.0%
18870601	73	2022	BURNETT	13127750	5	Jun 13, 2019	1.11	1.11	1.11	100.0%
18870601	73	2023	BURNETT	13127750	5	Jun 13, 2019	0.19	0.19	0.19	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 13, 2019	0.10	0.10	0.10	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 13, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 13, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 2	13123070	8	Jun 13, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 13, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 13, 2019	1.60	1.60	1.60	100.0%
18870630	236	1428	BECK	13130525	4	Jun 13, 2019	0.36	0.43	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 13, 2019	0.60	0.60	0.60	100.0%
18870801	623	2203	BURNETT	13127750	5	Jun 13, 2019	0.53	0.53	0.53	100.0%
18870831	623	2201	BURNETT	13127750	5	Jun 13, 2019	0.30	0.30	0.30	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 13, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 13, 2019	0.49	0.49	0.49	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 13, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 13, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jun 13, 2019	0.33	0.46	0.33	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 13, 2019	0.76	0.76	0.76	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jun 13, 2019	0.55	0.55	0.55	100.0%
18880601	347	1973	SHARP	13126500	6	Jun 13, 2019	0.89	0.89	0.89	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 13, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 13, 2019	0.40	0.40	0.40	100.0%

18880601	483	1271	LONGHURST	13121505	9	Jun 13, 2019	0.80	0.80	0.80	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 13, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 13, 2019	0.40	0.55	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 13, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 13, 2019	0.73	0.73	0.73	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 13, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 13, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 13, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	KENT	13120605	9	Jun 13, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 13, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 13, 2019	0.83	0.83	0.83	100.0%
18890410	294	1027	DARLINGTON	13127735	5	Jun 13, 2019	0.30	0.30	0.30	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jun 13, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 13, 2019	0.88	1.06	0.88	100.0%
18890601	441	205	MOORE	13132050	4	Jun 13, 2019	0.97	1.17	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 13, 2019	0.50	0.60	0.50	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 13, 2019	2.30	2.30	2.30	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 13, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 13, 2019	0.70	0.70	0.70	100.0%
18890601	322	968	BURNETT	13127750	5	Jun 13, 2019	0.80	0.80	0.80	100.0%
18900601	426	756	ARCO	13132365	2	Jun 13, 2019	0.57	0.79	0.57	100.0%
18900601	372	886	ARCO	13132365	2	Jun 13, 2019	0.59	0.82	0.59	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 13, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 13, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 13, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 13, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 13, 2019	0.24	0.24	0.24	100.0%
18910630	205	2065	BECK	13130525	4	Jun 13, 2019	0.05	0.06	0.05	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 13, 2019	0.60	0.72	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jun 13, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 13, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 13, 2019	0.20	0.24	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jun 13, 2019	0.80	0.96	0.80	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 13, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 13, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 13, 2019	0.30	0.36	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 13, 2019	0.22	0.26	0.22	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 13, 2019	0.30	0.36	0.30	100.0%
18930323	77	366	MOORE	13132050	4	Jun 13, 2019	1.60	1.93	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jun 13, 2019	0.80	0.96	0.80	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 13, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 13, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	KENT	13120605	9	Jun 13, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	KENT	13120605	9	Jun 13, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 13, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 13, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 13, 2019	0.60	0.60	0.60	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 13, 2019	2.80	2.80	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 13, 2019	0.96	0.96	0.96	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 13, 2019	0.44	0.44	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 13, 2019	0.40	0.40	0.40	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 13, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 13, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 13, 2019	2.00	2.76	2.00	100.0%
18940601	417	379	MOORE	13132050	4	Jun 13, 2019	0.15	0.18	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	2.50	3.01	2.50	100.0%
18940601	284	229	SHARP	13126500	6	Jun 13, 2019	0.15	0.15	0.15	100.0%
18940601	2525	1904	SHARP	13126500	6	Jun 13, 2019	0.06	0.06	0.06	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 13, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 13, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 13, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	Jun 13, 2019	0.80	0.96	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Jun 13, 2019	0.10	0.12	0.10	100.0%
18950601	242	212	MOORE	13132050	4	Jun 13, 2019	0.11	0.13	0.11	100.0%

18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.80	0.96	0.80	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.40	0.48	0.40	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 13, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 13, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jun 13, 2019	1.74	2.09	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 13, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jun 13, 2019	0.25	0.30	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 13, 2019	3.20	3.20	3.20	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 13, 2019	1.56	1.88	1.56	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 13, 2019	2.12	2.55	2.12	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 13, 2019	0.23	0.28	0.23	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 13, 2019	0.48	0.58	0.48	100.0%
18960601	459	993	MOORE	13132050	4	Jun 13, 2019	0.40	0.48	0.40	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 13, 2019	0.40	0.48	0.40	100.0%
18960601	441	207	MOORE	13132050	4	Jun 13, 2019	0.99	1.19	0.99	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 13, 2019	0.60	0.72	0.60	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 13, 2019	0.02	0.02	0.02	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 13, 2019	0.03	0.04	0.03	100.0%
18960601	306	1695	MOORE	13132050	4	Jun 13, 2019	0.44	0.53	0.44	100.0%
18960601	533	424	MOORE	13132050	4	Jun 13, 2019	0.06	0.07	0.06	100.0%
18960601	263	399	MOORE	13132050	4	Jun 13, 2019	0.27	0.32	0.27	100.0%
18960601	263	397	MOORE	13132050	4	Jun 13, 2019	0.35	0.42	0.35	100.0%
18960601	144	1879	MOORE	13132050	4	Jun 13, 2019	0.94	1.13	0.94	100.0%
18960601	96	457	MOORE	13132050	4	Jun 13, 2019	0.75	0.90	0.75	100.0%
18960601	417	381	MOORE	13132050	4	Jun 13, 2019	2.40	2.89	2.40	100.0%
18960601	402	876	MOORE	13132050	4	Jun 13, 2019	0.07	0.08	0.07	100.0%
18960601	417	992	MOORE	13132050	4	Jun 13, 2019	1.20	1.44	1.20	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jun 13, 2019	0.41	0.49	0.41	100.0%
18960601	668	1562	LOWER EASTSIDE &	13132291	4	Jun 13, 2019	0.32	0.39	0.32	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jun 13, 2019	0.70	0.84	0.70	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.04	0.04	0.04	100.0%
18960601	634	1547	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.06	0.07	0.06	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 13, 2019	6.40	6.40	6.40	100.0%
18960630	660	1634	DARLINGTON	13127735	5	Jun 13, 2019	0.06	0.06	0.06	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 13, 2019	2.00	2.76	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jun 13, 2019	0.56	0.56	0.56	100.0%
18960901	437	671	ARCO	13132365	2	Jun 13, 2019	0.13	0.18	0.13	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 13, 2019	0.03	0.04	0.03	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 13, 2019	4.40	6.08	4.40	100.0%
18960928	319	1175	MUNSEY	13132375	2	Jun 13, 2019	0.07	0.09	0.07	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 13, 2019	1.97	2.72	1.97	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 13, 2019	0.51	0.70	0.51	100.0%
18960928	15	80	MUNSEY	13132375	2	Jun 13, 2019	2.33	3.22	2.33	100.0%
18970510	437	664	ARCO	13132365	2	Jun 13, 2019	0.82	1.13	0.82	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 13, 2019	6.00	6.00	6.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 13, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jun 13, 2019	0.12	0.14	0.12	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 13, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jun 13, 2019	0.22	0.26	0.22	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jun 13, 2019	0.13	0.16	0.13	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jun 13, 2019	0.24	0.29	0.24	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jun 13, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 13, 2019	1.20	1.20	1.20	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.65	0.78	0.65	100.0%
18980601	634	1548	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.62	0.75	0.62	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.65	0.78	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jun 13, 2019	1.20	1.20	1.20	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 13, 2019	0.80	0.80	0.80	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 13, 2019	1.60	1.60	1.60	100.0%
18980901	268	562	ARCO	13132365	2	Jun 13, 2019	1.57	2.17	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 13, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 13, 2019	0.50	0.50	0.50	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 13, 2019	0.01	0.01	0.01	100.0%

18990327	180	468	MOORE	13132050	4	Jun 13, 2019	0.05	0.06	0.05	100.0%
18990327	113	584	MOORE	13132050	4	Jun 13, 2019	0.03	0.04	0.03	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 13, 2019	0.21	0.25	0.21	100.0%
18990327	14	2062	MOORE	13132050	4	Jun 13, 2019	0.01	0.01	0.01	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 13, 2019	2.72	3.76	2.72	100.0%
18990601	140	2071	MOORE	13132050	4	Jun 13, 2019	0.03	0.04	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jun 13, 2019	0.49	0.59	0.49	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 13, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 13, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 13, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 13, 2019	0.52	0.52	0.52	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 13, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 13, 2019	0.21	0.21	0.21	100.0%
19000924	318	543	MUNSEY	13132375	2	Jun 13, 2019	1.04	1.44	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 13, 2019	6.40	6.40	6.40	100.0%
19010722	665	1851	ARCO	13132365	2	Jun 13, 2019	0.15	0.20	0.15	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 13, 2019	0.30	0.30	0.30	100.0%
19010901	319	1512	MUNSEY	13132375	2	Jun 13, 2019	0.29	0.41	0.29	100.0%
19010901	459	340	MOORE	13132050	4	Jun 13, 2019	0.23	0.28	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jun 13, 2019	0.35	0.42	0.35	100.0%
19010901	70	339	MOORE	13132050	4	Jun 13, 2019	0.12	0.14	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 13, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jun 13, 2019	0.12	0.14	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 13, 2019	1.31	1.81	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 13, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.20	0.24	0.20	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.20	0.24	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 13, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 13, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 13, 2019	1.60	1.60	1.60	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 13, 2019	0.27	0.27	0.27	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 13, 2019	2.40	2.40	2.40	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 13, 2019	0.60	0.60	0.60	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 13, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 13, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 13, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 13, 2019	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 13, 2019	0.53	0.53	0.53	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 13, 2019	2.70	3.25	2.70	100.0%
19020501	501	1325	Zollinger/No Tel	13123020	8	Jun 13, 2019	0.94	0.94	0.94	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 13, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 13, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 13, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 13, 2019	1.22	1.22	1.22	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 13, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 13, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 13, 2019	1.08	1.08	1.08	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 13, 2019	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 13, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 13, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 13, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 13, 2019	1.56	1.88	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 13, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 13, 2019	0.38	0.38	0.38	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 13, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 13, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 13, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 13, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 13, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jun 13, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	KENT	13120605	9	Jun 13, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 13, 2019	0.44	0.44	0.44	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 13, 2019	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 13, 2019	0.02	0.02	0.02	100.0%

19050501	59	2145	BITTON	13120735	9	Jun 13, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	BITTON	13120735	9	Jun 13, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 13, 2019	0.44	0.44	0.44	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 13, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 13, 2019	0.31	0.31	0.31	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 13, 2019	0.27	0.27	0.27	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 13, 2019	1.30	1.30	1.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 13, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 13, 2019	0.65	0.65	0.65	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 13, 2019	0.40	0.40	0.40	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 13, 2019	0.06	0.06	0.06	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 13, 2019	0.30	0.30	0.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 13, 2019	0.10	0.10	0.10	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 13, 2019	3.00	3.00	3.00	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 13, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 13, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 13, 2019	0.58	0.58	0.58	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 13, 2019	0.80	0.80	0.80	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 13, 2019	1.28	1.28	1.28	100.0%
19060501	185	392	3IN1	13130605	4	Jun 13, 2019	0.19	0.23	0.19	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 13, 2019	1.52	1.52	1.52	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 13, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 13, 2019	1.37	1.37	1.37	100.0%
19070711	59	2146	KENT	13120605	9	Jun 13, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	Jun 13, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 13, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	BITTON	13120735	9	Jun 13, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 13, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 13, 2019	0.55	0.55	0.55	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 13, 2019	0.16	0.16	0.16	100.0%
19081207	70	343	MOORE	13132050	4	Jun 13, 2019	0.17	0.20	0.17	100.0%
19081207	459	344	MOORE	13132050	4	Jun 13, 2019	0.33	0.40	0.33	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 13, 2019	0.50	0.60	0.50	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 13, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 13, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 13, 2019	2.76	2.76	2.76	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 13, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 13, 2019	0.09	0.09	0.09	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 13, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 13, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 13, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 13, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 13, 2019	2.80	2.80	2.80	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 13, 2019	4.30	4.30	4.30	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 13, 2019	2.10	2.10	2.10	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.13	0.16	0.13	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jun 13, 2019	0.02	0.02	0.02	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 13, 2019	0.82	0.82	0.82	100.0%
19140103	59	2233	KENT	13120605	9	Jun 13, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	KENT	13120605	9	Jun 13, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jun 13, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 13, 2019	0.04	0.04	0.04	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 13, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 13, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 13, 2019	0.80	0.80	0.80	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 13, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 13, 2019	0.11	0.11	0.11	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 13, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 13, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 13, 2019	2.70	2.70	2.70	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 13, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 13, 2019	0.88	0.88	0.88	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 13, 2019	0.78	0.78	0.78	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jun 13, 2019	0.47	0.47	0.47	100.0%

19170620	307	71	NEILSEN	13120805	9	Jun 13, 2019	4.16	4.16	4.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 13, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 13, 2019	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	Jun 13, 2019	0.01	0.01	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	Jun 13, 2019	0.79	1.09	0.79	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 13, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 13, 2019	0.50	0.60	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jun 13, 2019	0.44	0.53	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jun 13, 2019	0.11	0.13	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 13, 2019	4.90	5.90	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jun 13, 2019	0.02	0.03	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 13, 2019	3.80	5.25	3.80	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 13, 2019	16.00	22.11	16.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 13, 2019	0.82	0.99	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 13, 2019	12.06	14.52	12.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 13, 2019	73.22	88.13	73.22	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 13, 2019	24.42	33.75	24.42	100.0%
19950411	476	1273	BECK	13130525	4	Jun 13, 2019	2.80	3.37	2.80	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 13, 2019	6.40	6.40	6.40	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 13, 2019	38.94	38.94	38.94	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 13, 2019	47.64	47.64	47.64	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 13, 2019	20.00	20.00	20.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 13, 2019	2.28	2.28	2.28	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 13, 2019	12.00	12.00	12.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 13, 2019	9969.40	9969.40	949.16	9.5%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 14, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 14	2130.0	3.5	0.0	2133.5	0.00	2133.5	3.5	0.0	0.0	2130.0	0.0	0.0
9	Howell to Chilly	Jun 14	1508.0	143.1	0.0	-478.9	0.22	1654.6	133.6	9.5	0.0	1517.5	-9.5	0.0
8	Chilly to Reservoir	* Jun 14	1723.2	76.3	0.0	291.4	0.00	1946.0	69.8	6.5	0.0	1739.1	-15.9	0.0
	Connected													
7	Mackay Reservoir	* Jun 14	1071.6	0.0	0.0	0.0	0.00	1964.1	1177.5		0.0	561.7	509.9	0.0
6	Reservoir to 2B	Jun 14	1060.0	11.6	0.0	0.0	0.00	1946.0	11.5	0.1	0.0	550.2	509.8	0.0
5	2B to Leslie	Jun 14	860.0	218.1	0.0	18.1	0.00	1964.1	202.5	15.6	0.0	365.8	494.2	0.0
4	Leslie to Moore	Jun 14	424.5	295.2	0.0	-140.3	0.16	1964.1	209.9	85.3	0.0	96.2	328.3	0.0
2	Moore to blw Munsey	Jun 14	264.0	93.8	0.0	-66.7	0.16	1964.1	81.1	12.7	0.0	0.0	264.0	0.0
1	Blw Munsey to Arco	Jun 14	257.0	0.0	0.0	-7.0	0.03	1964.1	0.0	0.0	0.0	0.0	257.0	0.0
								TOTAL	1889.3	129.7	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 14	0.0	0.0		20180101	12%
9	Howell to Chilly	Jun 14	0.0	0.0		20180101	12%
8	Chilly to Reservoir	Jun 14	0.0	0.0		20180101	12%
	Connected						
7	Mackay Reservoir	Jun 14	0.0	0.0		20180101	12%
6	Reservoir to 2B	Jun 14	0.0	0.0		20180101	12%
5	2B to Leslie	Jun 14	0.0	0.0		20180101	12%
4	Leslie to Moore	Jun 14	59.7	80.6		20180101	12%
2	Moore to blw Munsey	Jun 14	15.1	51.6		20180101	12%
1	Blw Munsey to Arco	Jun 14	0.0	7.0		20180101	12%
		TOTAL	74.8	139.2	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	285.6
2	18810630	1.7	294.0	151.7
3	18880601	3.2	556.5	285.6
4	18960601	6.4	1113.0	571.2
5	19020301	0.8	140.0	71.4
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	41423.7
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	86640.3

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
38690.0	39960.0	1270.0	640.3	11.3

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	42789.3
Total Storage Loss	-22043.0
Total Storage Deliver	-9207.0
Total Evaporation	-450.6
Accounting Balance	39958.7
Current Res Content	39960.0
Storage Balance Error	-1.3

DAILY STORAGE BALANCE

38690.0	Reservoir Content Previous Day [ac-ft]
39960.0	Reservoir Content Current Day [ac-ft]
1270.0	Physical Change in Storage [ac-ft]
2335.5	Storage Allocated to Mackay Reservoir [ac-ft]
-785.9	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-80.6	Leslie to Moore [cfs]
-51.6	Moore blw Munsey [cfs]
-7.0	blw Munsey to Arco Gage [cfs]
-257.0	Past Arco Gage [cfs]
-257.2	Storage Delivered [ac-ft]
16.0	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
15.6	2B to Leslie [cfs]
85.3	Leslie to Moore [cfs]
12.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-22.4	Evaporation [ac-ft]
1270.0	Accounting Change in Storage [ac-ft]
0.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1723.2	Gain in/above Mackay Reservoir [cfs]
18.1	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
1741.3	Total Available Natural Flow [cfs]
1177.5	Reservoir Rights Diverted [cfs]
74.8	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
59.7	Leslie to Moore [cfs]
15.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
489.0	Natural Flow Delivered [cfs]
-16.0	Above Reservoir Storage Use [cfs]
11.5	Reservoir to 2B [cfs]
202.5	2B to Leslie [cfs]
209.9	Leslie to Moore [cfs]
81.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1741.3	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	13.1	655
Eastside Felton Wier +	34.6	1730
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	47.7	2385
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.3	65
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.4	118
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	75.5	3777
Island Babcock Delivery +	1.6	80
Island Felton Farms Delivery +	1.4	72
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	26.0	1300
Total Out	113.0	5652

Abbreviated Reach Delivery Factor 2.37
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 447.3%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 26.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 5.8 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 77.2%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 7.5 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 82.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 253.6%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 345.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 14, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.5	0.0	0.0	8	No Tellum 2	3.2	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.5	0.0	0.1	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.9	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.6	0.1	13.7
9	BITTON	5.5	0.0	0.1	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	7.0	2.4	19.2	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	28.0	3.3	230.1
9	Thalman Hunter D	7.0	2.4	19.2	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	70.1	3.1	620.4
9	NEILSEN	54.0	4.6	262.6	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	100.0	9.2	911.4
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	20.0	0.0	0.0
9	CHILLY	49.0	0.0	0.0	8	Broken River Pum	4.0	0.0	8.1	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	8.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	16.2	8.0	260.8
8	Mtn. Springs 3	5.5	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	6.0	6.0	198.4
8	Donahue 1	0.8	0.7	70.8	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	6.4	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	20.0	0.1	1.4
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	4.0	4.0	134.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	166.5	15.1	2217.9
8	Mtn. Springs 1	5.5	5.7	244.4	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	82.5	52.0	4003.0
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	50.0	9.7	470.2
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	43.8	3.0	223.3
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	11.7	0.1	0.5	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	6.0	246.9	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 14, 2019	1.73	1.73	1.73	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 14, 2019	3.47	3.47	3.47	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 14, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 14, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 14, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 14, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 14, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 14, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 14, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 2	13123070	8	Jun 14, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 14, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 14, 2019	3.00	3.00	3.00	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 14, 2019	0.09	0.11	0.09	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 14, 2019	1.54	1.84	1.54	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 14, 2019	0.27	0.33	0.27	100.0%
18830601	221	855	MOORE	13132050	4	Jun 14, 2019	1.60	1.91	1.60	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 14, 2019	0.79	0.94	0.79	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 14, 2019	1.13	1.35	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 14, 2019	1.72	2.06	1.72	100.0%
18830810	96	449	MOORE	13132050	4	Jun 14, 2019	0.48	0.57	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 14, 2019	0.18	0.22	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 14, 2019	0.01	0.01	0.01	100.0%
18830810	263	393	MOORE	13132050	4	Jun 14, 2019	0.18	0.22	0.18	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.21	0.25	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.43	0.51	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.21	0.25	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 14, 2019	1.64	1.96	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 14, 2019	0.14	0.17	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 14, 2019	0.07	0.07	0.07	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 14, 2019	0.18	0.18	0.18	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 14, 2019	1.12	1.12	1.12	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 14, 2019	1.54	1.54	1.54	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 14, 2019	2.17	2.17	2.17	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 14, 2019	0.55	0.55	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 14, 2019	1.63	1.63	1.63	100.0%
18840422	294	1421	DARLINGTON	13127735	5	Jun 14, 2019	0.03	0.03	0.03	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jun 14, 2019	0.14	0.14	0.14	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 14, 2019	0.20	0.20	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 14, 2019	1.44	1.44	1.44	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 14, 2019	0.96	0.96	0.96	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 14, 2019	1.92	1.92	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 14, 2019	2.00	2.00	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 14, 2019	0.50	0.50	0.50	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 14, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 14, 2019	0.21	0.21	0.21	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 14, 2019	0.64	0.64	0.64	100.0%
18840422	2525	1903	SHARP	13126500	6	Jun 14, 2019	0.08	0.08	0.08	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 14, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Jun 14, 2019	2.46	2.46	2.46	100.0%
18840422	284	228	SHARP	13126500	6	Jun 14, 2019	0.13	0.13	0.13	100.0%
18840422	544	2189	SHARP	13126500	6	Jun 14, 2019	1.00	1.00	1.00	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 14, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jun 14, 2019	1.00	1.19	1.00	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 14, 2019	0.80	0.80	0.80	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 14, 2019	0.40	0.40	0.40	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 14, 2019	1.23	1.23	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 14, 2019	0.77	0.77	0.77	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 14, 2019	1.60	1.60	1.60	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 14, 2019	5.06	5.06	5.06	100.0%

18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 14, 2019	0.22	0.22	0.22	100.0%
18840520	242	210	MOORE	13132050	4	Jun 14, 2019	0.21	0.25	0.21	100.0%
18840520	263	394	MOORE	13132050	4	Jun 14, 2019	0.22	0.26	0.22	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 14, 2019	0.04	0.05	0.04	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 14, 2019	0.01	0.01	0.01	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 14, 2019	0.18	0.22	0.18	100.0%
18840520	427	1	MOORE	13132050	4	Jun 14, 2019	1.12	1.34	1.12	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 14, 2019	0.01	0.01	0.01	100.0%
18840520	156	2002	MOORE	13132050	4	Jun 14, 2019	0.38	0.45	0.38	100.0%
18840520	113	585	MOORE	13132050	4	Jun 14, 2019	0.11	0.13	0.11	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 14, 2019	0.22	0.26	0.22	100.0%
18840520	433	271	MOORE	13132050	4	Jun 14, 2019	0.54	0.65	0.54	100.0%
18840520	96	451	MOORE	13132050	4	Jun 14, 2019	0.58	0.69	0.58	100.0%
18840520	180	470	MOORE	13132050	4	Jun 14, 2019	0.16	0.19	0.16	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 14, 2019	2.24	2.68	2.24	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 14, 2019	0.17	0.20	0.17	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 14, 2019	0.02	0.02	0.02	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 14, 2019	1.60	1.91	1.60	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 14, 2019	0.11	0.13	0.11	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 14, 2019	0.50	0.60	0.50	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 14, 2019	0.80	0.96	0.80	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 14, 2019	0.78	0.93	0.78	100.0%
18840520	14	2061	MOORE	13132050	4	Jun 14, 2019	0.04	0.05	0.04	100.0%
18840520	14	2002	MOORE	13132050	4	Jun 14, 2019	0.02	0.02	0.02	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.80	0.96	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 14, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 14, 2019	0.72	0.72	0.72	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 14, 2019	1.28	1.53	1.28	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 14, 2019	0.08	0.10	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 14, 2019	0.54	0.65	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 14, 2019	0.09	0.11	0.09	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 14, 2019	0.01	0.01	0.01	100.0%
18840601	263	395	MOORE	13132050	4	Jun 14, 2019	0.08	0.10	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Jun 14, 2019	0.21	0.25	0.21	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 14, 2019	0.16	0.19	0.16	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 14, 2019	0.23	0.23	0.23	100.0%
18840601	360	693	BURNETT	13127750	5	Jun 14, 2019	0.80	0.80	0.80	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 14, 2019	0.20	0.20	0.20	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 14, 2019	0.80	0.80	0.80	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 14, 2019	0.37	0.37	0.37	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 14, 2019	0.40	0.40	0.40	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 14, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 2	13123070	8	Jun 14, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 14, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 14, 2019	0.40	0.40	0.40	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 14, 2019	0.80	0.96	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jun 14, 2019	0.80	0.96	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 14, 2019	0.80	0.96	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 14, 2019	1.20	1.43	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jun 14, 2019	0.54	0.65	0.54	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 14, 2019	1.20	1.43	1.20	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 14, 2019	0.09	0.11	0.09	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 14, 2019	0.40	0.48	0.40	100.0%
18840831	306	1200	MOORE	13132050	4	Jun 14, 2019	0.20	0.24	0.20	100.0%
18840831	2330	422	MOORE	13132050	4	Jun 14, 2019	0.50	0.60	0.50	100.0%
18840831	533	421	MOORE	13132050	4	Jun 14, 2019	0.14	0.17	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Jun 14, 2019	0.58	0.69	0.58	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.40	0.48	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.44	0.53	0.44	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.50	0.60	0.50	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.40	0.48	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 14, 2019	3.20	3.82	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 14, 2019	1.74	1.74	1.74	100.0%
18840914	360	68	BURNETT	13127750	5	Jun 14, 2019	0.80	0.80	0.80	100.0%

18841012	205	2067	BECK	13130525	4	Jun 14, 2019	1.76	2.10	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Jun 14, 2019	0.31	0.37	0.31	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 14, 2019	0.89	1.06	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 14, 2019	1.25	1.49	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Jun 14, 2019	0.58	0.69	0.58	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 14, 2019	1.20	1.20	1.20	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jun 14, 2019	0.41	0.41	0.41	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 14, 2019	0.74	0.74	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 14, 2019	2.77	2.77	2.77	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 14, 2019	3.30	3.30	3.30	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 14, 2019	2.78	2.78	2.78	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 14, 2019	0.72	0.72	0.72	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 14, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jun 14, 2019	0.65	0.65	0.65	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 14, 2019	1.10	1.10	1.10	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jun 14, 2019	0.23	0.23	0.23	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 14, 2019	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 14, 2019	1.65	1.65	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 14, 2019	0.79	0.79	0.79	100.0%
18850501	468	59	ARCO	13132365	2	Jun 14, 2019	0.74	1.05	0.74	100.0%
18850501	426	887	ARCO	13132365	2	Jun 14, 2019	0.64	0.91	0.64	100.0%
18850501	423	186	ARCO	13132365	2	Jun 14, 2019	0.26	0.37	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Jun 14, 2019	0.20	0.28	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 14, 2019	1.80	2.15	1.80	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jun 14, 2019	1.44	1.72	1.44	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 14, 2019	0.20	0.24	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 14, 2019	0.24	0.29	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 14, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.20	0.24	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.40	0.48	0.40	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.20	0.24	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 14, 2019	0.48	0.57	0.48	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 14, 2019	0.30	0.36	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 14, 2019	0.56	0.67	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 14, 2019	1.37	1.37	1.37	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 14, 2019	0.19	0.19	0.19	100.0%
18850530	484	1718	BURNETT	13127750	5	Jun 14, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 14, 2019	0.11	0.11	0.11	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 14, 2019	1.56	1.86	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	2.76	3.30	2.76	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 14, 2019	0.95	0.95	0.95	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jun 14, 2019	1.68	1.68	1.68	100.0%
18850601	205	2064	BECK	13130525	4	Jun 14, 2019	0.59	0.71	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 14, 2019	1.20	1.43	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 14, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 14, 2019	2.40	2.40	2.40	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 14, 2019	1.31	1.31	1.31	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 14, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 14, 2019	1.10	1.10	1.10	100.0%
18850601	544	2205	SHARP	13126500	6	Jun 14, 2019	0.80	0.80	0.80	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 14, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 14, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 14, 2019	1.54	1.54	1.54	100.0%
18851002	437	62	ARCO	13132365	2	Jun 14, 2019	1.54	2.18	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 14, 2019	3.60	5.10	3.60	100.0%
18851002	318	545	MUNSEY	13132375	2	Jun 14, 2019	0.75	1.06	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Jun 14, 2019	0.80	1.13	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 14, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 14, 2019	1.60	1.91	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jun 14, 2019	1.20	1.43	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 14, 2019	2.80	3.35	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 14, 2019	4.56	5.45	4.56	100.0%
18860512	263	398	MOORE	13132050	4	Jun 14, 2019	0.18	0.22	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 14, 2019	0.01	0.01	0.01	100.0%

18860512	96	459	MOORE	13132050	4	Jun 14, 2019	0.48	0.57	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 14, 2019	0.18	0.22	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	1.77	2.12	1.77	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 14, 2019	0.20	0.24	0.20	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 14, 2019	2.40	2.87	2.40	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 14, 2019	0.08	0.10	0.08	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	1.00	1.19	1.00	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	1.24	1.48	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 14, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 14, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 14, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	1.00	1.19	1.00	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.10	0.12	0.10	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 14, 2019	0.60	0.60	0.60	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 14, 2019	0.25	0.25	0.25	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 14, 2019	0.80	0.80	0.80	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 14, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jun 14, 2019	0.52	0.52	0.52	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 14, 2019	0.84	1.19	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 14, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 14, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 14, 2019	1.26	1.26	1.26	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jun 14, 2019	0.80	0.96	0.80	100.0%
18870313	433	683	MOORE	13132050	4	Jun 14, 2019	0.13	0.16	0.13	100.0%
18870313	459	338	MOORE	13132050	4	Jun 14, 2019	0.42	0.50	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jun 14, 2019	0.65	0.78	0.65	100.0%
18870313	70	337	MOORE	13132050	4	Jun 14, 2019	0.23	0.27	0.23	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 14, 2019	1.05	1.05	1.05	100.0%
18870313	73	2029	BURNETT	13127750	5	Jun 14, 2019	0.65	0.65	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	Jun 14, 2019	0.80	0.80	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 14, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 14, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 14, 2019	2.94	4.17	2.94	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 14, 2019	0.32	0.45	0.32	100.0%
18870601	423	76	ARCO	13132365	2	Jun 14, 2019	0.22	0.31	0.22	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 14, 2019	1.00	1.19	1.00	100.0%
18870601	73	2022	BURNETT	13127750	5	Jun 14, 2019	1.11	1.11	1.11	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 14, 2019	0.16	0.16	0.16	100.0%
18870601	73	2023	BURNETT	13127750	5	Jun 14, 2019	0.19	0.19	0.19	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 14, 2019	0.20	0.20	0.20	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 14, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 14, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 2	13123070	8	Jun 14, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 14, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 14, 2019	1.60	1.60	1.60	100.0%
18870630	236	1428	BECK	13130525	4	Jun 14, 2019	0.36	0.43	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 14, 2019	0.60	0.60	0.60	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 14, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 14, 2019	0.49	0.49	0.49	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 14, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 14, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jun 14, 2019	0.33	0.47	0.33	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jun 14, 2019	0.55	0.55	0.55	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 14, 2019	0.76	0.76	0.76	100.0%
18880601	347	1973	SHARP	13126500	6	Jun 14, 2019	0.89	0.89	0.89	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 14, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 14, 2019	0.40	0.40	0.40	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 14, 2019	0.80	0.80	0.80	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 14, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 14, 2019	0.40	0.57	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 14, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 14, 2019	0.73	0.73	0.73	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 14, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 14, 2019	0.30	0.30	0.30	100.0%

18881101	2610	2095	KENT	13120605	9	Jun 14, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	KENT	13120605	9	Jun 14, 2019	0.83	0.83	0.83	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 14, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 14, 2019	0.77	0.77	0.77	100.0%
18890410	294	1027	DARLINGTON	13127735	5	Jun 14, 2019	0.30	0.30	0.30	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jun 14, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 14, 2019	0.88	1.05	0.88	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 14, 2019	0.50	0.60	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jun 14, 2019	0.97	1.16	0.97	100.0%
18890601	322	968	BURNETT	13127750	5	Jun 14, 2019	0.80	0.80	0.80	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 14, 2019	0.70	0.70	0.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 14, 2019	1.20	1.20	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 14, 2019	2.30	2.30	2.30	100.0%
18900601	372	886	ARCO	13132365	2	Jun 14, 2019	0.59	0.84	0.59	100.0%
18900601	426	756	ARCO	13132365	2	Jun 14, 2019	0.57	0.81	0.57	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 14, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 14, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 14, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 14, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 14, 2019	0.24	0.24	0.24	100.0%
18910630	205	2065	BECK	13130525	4	Jun 14, 2019	0.05	0.06	0.05	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 14, 2019	0.60	0.72	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jun 14, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 14, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 14, 2019	0.20	0.24	0.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 14, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 14, 2019	1.45	1.45	1.45	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 14, 2019	0.30	0.36	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 14, 2019	0.22	0.26	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 14, 2019	0.30	0.36	0.30	100.0%
18930323	77	366	MOORE	13132050	4	Jun 14, 2019	1.60	1.91	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jun 14, 2019	0.80	0.96	0.80	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 14, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	Jun 14, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 14, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	KENT	13120605	9	Jun 14, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 14, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 14, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 14, 2019	0.60	0.60	0.60	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 14, 2019	0.96	0.96	0.96	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 14, 2019	0.44	0.44	0.44	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 14, 2019	2.80	2.80	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 14, 2019	0.40	0.40	0.40	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 14, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 14, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 14, 2019	2.00	2.84	2.00	100.0%
18940601	417	379	MOORE	13132050	4	Jun 14, 2019	0.15	0.18	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	2.50	2.99	2.50	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 14, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jun 14, 2019	0.15	0.15	0.15	100.0%
18940601	2525	1904	SHARP	13126500	6	Jun 14, 2019	0.06	0.06	0.06	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 14, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 14, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jun 14, 2019	0.10	0.12	0.10	100.0%
18950601	242	212	MOORE	13132050	4	Jun 14, 2019	0.11	0.13	0.11	100.0%
18950601	180	1343	MOORE	13132050	4	Jun 14, 2019	0.80	0.96	0.80	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.80	0.96	0.80	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.40	0.48	0.40	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 14, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 14, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jun 14, 2019	1.74	2.08	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 14, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jun 14, 2019	0.25	0.30	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 14, 2019	3.20	3.20	3.20	100.0%

18960601	263	397	MOORE	13132050	4	Jun 14, 2019	0.35	0.42	0.35	100.0%
18960601	263	399	MOORE	13132050	4	Jun 14, 2019	0.27	0.32	0.27	100.0%
18960601	417	992	MOORE	13132050	4	Jun 14, 2019	1.20	1.43	1.20	100.0%
18960601	459	993	MOORE	13132050	4	Jun 14, 2019	0.40	0.48	0.40	100.0%
18960601	417	381	MOORE	13132050	4	Jun 14, 2019	2.40	2.87	2.40	100.0%
18960601	441	207	MOORE	13132050	4	Jun 14, 2019	0.99	1.18	0.99	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 14, 2019	1.56	1.86	1.56	100.0%
18960601	533	424	MOORE	13132050	4	Jun 14, 2019	0.06	0.07	0.06	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 14, 2019	0.40	0.48	0.40	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 14, 2019	0.23	0.27	0.23	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 14, 2019	0.40	0.48	0.40	100.0%
18960601	144	1879	MOORE	13132050	4	Jun 14, 2019	0.94	1.12	0.94	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 14, 2019	0.48	0.57	0.48	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 14, 2019	0.02	0.02	0.02	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 14, 2019	2.12	2.53	2.12	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 14, 2019	0.03	0.04	0.03	100.0%
18960601	96	457	MOORE	13132050	4	Jun 14, 2019	0.75	0.90	0.75	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 14, 2019	0.60	0.72	0.60	100.0%
18960601	306	1695	MOORE	13132050	4	Jun 14, 2019	0.44	0.53	0.44	100.0%
18960601	402	876	MOORE	13132050	4	Jun 14, 2019	0.07	0.08	0.07	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jun 14, 2019	0.70	0.84	0.70	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jun 14, 2019	0.50	0.60	0.50	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.04	0.04	0.04	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.04	0.04	0.04	100.0%
18960601	634	1547	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.06	0.07	0.06	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 14, 2019	6.40	6.40	6.40	100.0%
18960630	660	1634	DARLINGTON	13127735	5	Jun 14, 2019	0.06	0.06	0.06	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 14, 2019	2.00	2.84	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jun 14, 2019	0.56	0.56	0.56	100.0%
18960901	437	671	ARCO	13132365	2	Jun 14, 2019	0.13	0.18	0.13	100.0%
18960928	319	1175	MUNSEY	13132375	2	Jun 14, 2019	0.07	0.09	0.07	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 14, 2019	0.51	0.72	0.51	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 14, 2019	1.97	2.79	1.97	100.0%
18960928	15	80	MUNSEY	13132375	2	Jun 14, 2019	2.33	3.30	2.33	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 14, 2019	0.03	0.04	0.03	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 14, 2019	4.40	6.24	4.40	100.0%
18970510	437	664	ARCO	13132365	2	Jun 14, 2019	0.82	1.16	0.82	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 14, 2019	6.00	6.00	6.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 14, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jun 14, 2019	0.12	0.14	0.12	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 14, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jun 14, 2019	0.22	0.26	0.22	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jun 14, 2019	0.24	0.29	0.24	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jun 14, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 14, 2019	1.20	1.20	1.20	100.0%
18980601	634	1548	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.62	0.74	0.62	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.65	0.78	0.65	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.65	0.78	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jun 14, 2019	1.20	1.20	1.20	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 14, 2019	0.80	0.80	0.80	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 14, 2019	1.60	1.60	1.60	100.0%
18980901	268	562	ARCO	13132365	2	Jun 14, 2019	1.57	2.23	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 14, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 14, 2019	0.50	0.50	0.50	100.0%
18990327	14	2062	MOORE	13132050	4	Jun 14, 2019	0.01	0.01	0.01	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 14, 2019	0.21	0.25	0.21	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 14, 2019	0.01	0.01	0.01	100.0%
18990327	113	584	MOORE	13132050	4	Jun 14, 2019	0.03	0.04	0.03	100.0%
18990327	180	468	MOORE	13132050	4	Jun 14, 2019	0.05	0.06	0.05	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 14, 2019	2.72	3.86	2.72	100.0%
18990601	180	2110	MOORE	13132050	4	Jun 14, 2019	0.49	0.59	0.49	100.0%
18990601	140	2071	MOORE	13132050	4	Jun 14, 2019	0.03	0.04	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 14, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 14, 2019	0.60	0.60	0.60	100.0%

18991001	279	2122	Anderson	13120745	9	Jun 14, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 14, 2019	0.52	0.52	0.52	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 14, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 14, 2019	0.21	0.21	0.21	100.0%
19000924	318	543	MUNSEY	13132375	2	Jun 14, 2019	1.04	1.47	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 14, 2019	6.40	6.40	6.40	100.0%
19010722	665	1851	ARCO	13132365	2	Jun 14, 2019	0.15	0.21	0.15	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 14, 2019	0.30	0.30	0.30	100.0%
19010901	319	1512	MUNSEY	13132375	2	Jun 14, 2019	0.29	0.42	0.29	100.0%
19010901	70	339	MOORE	13132050	4	Jun 14, 2019	0.12	0.14	0.12	100.0%
19010901	459	340	MOORE	13132050	4	Jun 14, 2019	0.23	0.27	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jun 14, 2019	0.35	0.42	0.35	100.0%
19011001	263	396	MOORE	13132050	4	Jun 14, 2019	0.12	0.14	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 14, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 14, 2019	1.31	1.86	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 14, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.20	0.24	0.20	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.20	0.24	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 14, 2019	0.31	0.36	0.31	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 14, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 14, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 14, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 14, 2019	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 14, 2019	2.40	2.40	2.40	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 14, 2019	0.27	0.27	0.27	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 14, 2019	0.60	0.60	0.60	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 14, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 14, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 14, 2019	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 14, 2019	0.53	0.53	0.53	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 14, 2019	2.70	3.23	2.70	100.0%
19020501	501	1325	Zollinger/No Tel	13123020	8	Jun 14, 2019	0.94	0.94	0.94	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 14, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 14, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 14, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 14, 2019	1.22	1.22	1.22	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 14, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 14, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 14, 2019	0.24	0.24	0.24	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 14, 2019	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 14, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 14, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 14, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 14, 2019	1.56	1.86	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 14, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 14, 2019	0.38	0.38	0.38	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 14, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 14, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 14, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 14, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 14, 2019	0.13	0.13	0.13	100.0%
19050501	59	2145	KENT	13120605	9	Jun 14, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 14, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	KENT	13120605	9	Jun 14, 2019	0.02	0.02	0.02	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 14, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 14, 2019	0.62	0.62	0.62	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 14, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	BITTON	13120735	9	Jun 14, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 14, 2019	0.45	0.45	0.45	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 14, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 14, 2019	0.31	0.31	0.31	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 14, 2019	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 14, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 14, 2019	0.40	0.40	0.40	100.0%

19050501	154	2152	NEILSEN	13120805	9	Jun 14, 2019	0.10	0.10	0.10	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 14, 2019	0.27	0.27	0.27	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 14, 2019	1.30	1.30	1.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 14, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 14, 2019	0.65	0.65	0.65	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 14, 2019	0.06	0.06	0.06	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 14, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 14, 2019	0.78	0.78	0.78	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 14, 2019	0.80	0.80	0.80	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 14, 2019	0.40	0.40	0.40	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 14, 2019	1.28	1.28	1.28	100.0%
19060501	185	392	3IN1	13130605	4	Jun 14, 2019	0.19	0.23	0.19	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 14, 2019	1.52	1.52	1.52	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 14, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 14, 2019	1.37	1.37	1.37	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 14, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	KENT	13120605	9	Jun 14, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	KENT	13120605	9	Jun 14, 2019	0.55	0.55	0.55	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 14, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	BITTON	13120735	9	Jun 14, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 14, 2019	0.53	0.53	0.53	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 14, 2019	1.96	1.96	1.96	100.0%
19081207	459	344	MOORE	13132050	4	Jun 14, 2019	0.33	0.39	0.33	100.0%
19081207	70	343	MOORE	13132050	4	Jun 14, 2019	0.17	0.20	0.17	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 14, 2019	0.50	0.60	0.50	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 14, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 14, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 14, 2019	2.76	2.76	2.76	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 14, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 14, 2019	0.09	0.09	0.09	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 14, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 14, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 14, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 14, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 14, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 14, 2019	2.80	2.80	2.80	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 14, 2019	4.30	4.30	4.30	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.02	0.02	0.02	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 14, 2019	0.13	0.16	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 14, 2019	0.82	0.82	0.82	100.0%
19140103	59	2233	KENT	13120605	9	Jun 14, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	KENT	13120605	9	Jun 14, 2019	0.04	0.04	0.04	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 14, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jun 14, 2019	0.69	0.69	0.69	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 14, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 14, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 14, 2019	0.18	0.18	0.18	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 14, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 14, 2019	0.11	0.11	0.11	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 14, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 14, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 14, 2019	2.70	2.70	2.70	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 14, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 14, 2019	0.88	0.88	0.88	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 14, 2019	0.78	0.78	0.78	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jun 14, 2019	0.47	0.47	0.47	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 14, 2019	4.16	4.16	4.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 14, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 14, 2019	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	Jun 14, 2019	0.01	0.01	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	Jun 14, 2019	0.79	1.12	0.79	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 14, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 14, 2019	0.50	0.60	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jun 14, 2019	0.44	0.53	0.44	100.0%

19600824	185	390	3IN1	13130605	4	Jun 14, 2019	0.11	0.13	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 14, 2019	4.90	5.86	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jun 14, 2019	0.02	0.03	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 14, 2019	3.80	5.39	3.80	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 14, 2019	16.00	22.68	16.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 14, 2019	0.82	0.98	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 14, 2019	12.06	14.41	12.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 14, 2019	73.22	87.49	73.22	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 14, 2019	24.42	34.62	24.42	100.0%
19950411	476	1273	BECK	13130525	4	Jun 14, 2019	2.80	3.35	2.80	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 14, 2019	7.40	7.40	7.40	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 14, 2019	36.38	36.38	36.38	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 14, 2019	46.98	46.98	46.98	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 14, 2019	20.00	20.00	20.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 14, 2019	2.28	2.28	2.28	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 14, 2019	12.00	12.00	12.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 14, 2019	9969.40	9969.40	1162.15	11.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 15, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 15	2040.0	3.5	0.0	2043.5	0.00	2043.5	3.5	0.0	0.0	2040.0	0.0	0.0
9	Howell to Chilly	Jun 15	1468.0	143.1	0.0	-428.9	0.21	1614.6	133.6	9.5	0.0	1477.5	-9.5	0.0
8	Chilly to Reservoir	* Jun 15	1750.8	76.3	0.0	359.1	0.00	1973.7	69.8	6.5	0.0	1766.8	-15.9	0.0
	Connected													
7	Mackay Reservoir	* Jun 15	1091.6	0.0	0.0	0.0	0.00	1993.8	1230.9		0.0	535.9	555.7	0.0
6	Reservoir to 2B	Jun 15	1080.0	11.6	0.0	0.0	0.00	1973.7	11.5	0.1	0.0	524.4	555.6	0.0
5	2B to Leslie	Jun 15	890.0	210.1	0.0	20.1	0.00	1993.8	194.5	15.6	0.0	350.0	540.0	0.0
4	Leslie to Moore	Jun 15	460.5	290.2	0.0	-139.3	0.16	1993.8	204.6	85.6	0.0	90.6	369.9	0.0
2	Moore to blw Munsey	Jun 15	293.0	83.8	0.0	-83.7	0.18	1993.8	74.1	9.7	0.0	0.0	293.0	0.0
1	Blw Munsey to Arco	Jun 15	285.0	0.0	0.0	-8.0	0.03	1993.8	0.0	0.0	0.0	0.0	285.0	0.0
								TOTAL	1922.5	127.0	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 15	0.0	0.0		20180101	12%
9	Howell to Chilly	Jun 15	0.0	0.0		20180101	12%
8	Chilly to Reservoir	Jun 15	0.0	0.0		20180101	12%
	Connected						
7	Mackay Reservoir	Jun 15	0.0	0.0		20180101	12%
6	Reservoir to 2B	Jun 15	0.0	0.0		20180101	12%
5	2B to Leslie	Jun 15	0.0	0.0		20180101	12%
4	Leslie to Moore	Jun 15	54.8	84.5		20180101	12%
2	Moore to blw Munsey	Jun 15	16.5	67.3		20180101	12%
1	Blw Munsey to Arco	Jun 15	0.0	8.0		20180101	12%
		TOTAL	71.3	159.8	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	292.0
2	18810630	1.7	294.0	155.1
3	18880601	3.2	556.5	292.0
4	18960601	6.4	1113.0	583.9
5	19020301	0.8	140.0	73.0
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	43834.8
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	89081.8

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
39960.0	41240.0	1280.0	645.3	13.9

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	45230.8
Total Storage Loss	-22925.3
Total Storage Deliver	-9458.9
Total Evaporation	-478.2
Accounting Balance	41238.3
Current Res Content	41240.0
Storage Balance Error	-1.7

DAILY STORAGE BALANCE

39960.0	Reservoir Content Previous Day [ac-ft]
41240.0	Reservoir Content Current Day [ac-ft]
1280.0	Physical Change in Storage [ac-ft]
2441.4	Storage Allocated to Mackay Reservoir [ac-ft]
-882.3	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-84.5	Leslie to Moore [cfs]
-67.3	Moore blw Munsey [cfs]
-8.0	blw Munsey to Arco Gage [cfs]
-285.0	Past Arco Gage [cfs]
-251.8	Storage Delivered [ac-ft]
16.0	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
15.6	2B to Leslie [cfs]
85.6	Leslie to Moore [cfs]
9.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-27.6	Evaporation [ac-ft]
1279.7	Accounting Change in Storage [ac-ft]
-0.3	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1750.8	Gain in/above Mackay Reservoir [cfs]
20.1	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
1770.9	Total Available Natural Flow [cfs]
1230.9	Reservoir Rights Diverted [cfs]
71.3	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
54.8	Leslie to Moore [cfs]
16.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
468.7	Natural Flow Delivered [cfs]
-16.0	Above Reservoir Storage Use [cfs]
11.5	Reservoir to 2B [cfs]
194.5	2B to Leslie [cfs]
204.6	Leslie to Moore [cfs]
74.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1770.9	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	12.2	610
Eastside Felton Wier +	36.9	1845
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	49.1	2455
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.3	65
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.4	118
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	75.5	3777
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	1.4	72
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	28.0	1400
Total Out	115.4	5770

Abbreviated Reach Delivery Factor Total Out Divided By Total In	2.35

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 431.0%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 28.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 6.5 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 76.2%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 8.5 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 81.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 249.3%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 328.3%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 15, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.5	0.0	0.0	8	No Tellum 2	3.2	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.5	0.0	0.1	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.9	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.6	0.1	13.9
9	BITTON	5.5	0.0	0.1	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	7.0	2.4	24.0	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	28.0	3.3	236.7
9	Thalman Hunter D	7.0	2.4	24.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	70.1	3.1	626.6
9	NEILSEN	54.0	4.6	271.8	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	100.0	9.2	929.7
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	12.0	0.0	0.0
9	CHILLY	49.0	0.0	0.0	8	Broken River Pum	4.0	0.0	8.1	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	8.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	16.2	8.0	276.7
8	Mtn. Springs 3	5.5	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	6.0	6.0	210.3
8	Donahue 1	0.8	0.7	72.2	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	6.4	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	20.0	0.1	1.7
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	4.0	4.0	142.8
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	162.5	16.6	2250.9
8	Mtn. Springs 1	5.5	5.7	255.7	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	81.5	50.8	4103.8
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	50.0	9.7	489.3
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	33.8	0.0	223.3
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	11.7	0.1	0.6	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	6.0	258.8	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 15, 2019	1.73	1.73	1.73	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 15, 2019	3.47	3.47	3.47	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 15, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 15, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 15, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 15, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 15, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 15, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 15, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 2	13123070	8	Jun 15, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 15, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 15, 2019	3.00	3.00	3.00	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 15, 2019	0.79	0.94	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 15, 2019	1.54	1.83	1.54	100.0%
18830601	221	855	MOORE	13132050	4	Jun 15, 2019	1.60	1.90	1.60	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 15, 2019	0.27	0.32	0.27	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 15, 2019	0.09	0.11	0.09	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 15, 2019	1.13	1.34	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 15, 2019	1.72	2.04	1.72	100.0%
18830810	96	449	MOORE	13132050	4	Jun 15, 2019	0.48	0.57	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jun 15, 2019	0.18	0.21	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 15, 2019	0.01	0.01	0.01	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 15, 2019	0.18	0.21	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	0.21	0.25	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	0.43	0.51	0.43	100.0%
18840422	236	30	BECK	13130525	4	Jun 15, 2019	1.64	1.94	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 15, 2019	0.14	0.17	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 15, 2019	0.07	0.07	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 15, 2019	1.54	1.54	1.54	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 15, 2019	0.18	0.18	0.18	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 15, 2019	1.12	1.12	1.12	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 15, 2019	1.44	1.44	1.44	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 15, 2019	2.17	2.17	2.17	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 15, 2019	0.96	0.96	0.96	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 15, 2019	0.20	0.20	0.20	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jun 15, 2019	0.14	0.14	0.14	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 15, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 15, 2019	0.55	0.55	0.55	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 15, 2019	2.00	2.00	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 15, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 15, 2019	0.21	0.21	0.21	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 15, 2019	1.92	1.92	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 15, 2019	0.50	0.50	0.50	100.0%
18840422	284	228	SHARP	13126500	6	Jun 15, 2019	0.13	0.13	0.13	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 15, 2019	0.64	0.64	0.64	100.0%
18840422	544	2189	SHARP	13126500	6	Jun 15, 2019	1.00	1.00	1.00	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 15, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Jun 15, 2019	2.46	2.46	2.46	100.0%
18840422	2525	1903	SHARP	13126500	6	Jun 15, 2019	0.08	0.08	0.08	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 15, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jun 15, 2019	1.00	1.19	1.00	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 15, 2019	0.40	0.40	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 15, 2019	0.80	0.80	0.80	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 15, 2019	0.77	0.77	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 15, 2019	1.23	1.23	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 15, 2019	1.60	1.60	1.60	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 15, 2019	5.06	5.06	5.06	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 15, 2019	0.22	0.22	0.22	100.0%
18840520	113	585	MOORE	13132050	4	Jun 15, 2019	0.11	0.13	0.11	100.0%

18840520	2335	1886	MOORE	13132050	4	Jun 15, 2019	0.80	0.95	0.80	100.0%
18840520	14	2002	MOORE	13132050	4	Jun 15, 2019	0.02	0.02	0.02	100.0%
18840520	96	451	MOORE	13132050	4	Jun 15, 2019	0.58	0.69	0.58	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 15, 2019	0.17	0.20	0.17	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 15, 2019	0.02	0.02	0.02	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 15, 2019	0.01	0.01	0.01	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 15, 2019	1.60	1.90	1.60	100.0%
18840520	14	2061	MOORE	13132050	4	Jun 15, 2019	0.04	0.05	0.04	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 15, 2019	0.04	0.05	0.04	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 15, 2019	0.22	0.26	0.22	100.0%
18840520	427	1	MOORE	13132050	4	Jun 15, 2019	1.12	1.33	1.12	100.0%
18840520	242	210	MOORE	13132050	4	Jun 15, 2019	0.21	0.25	0.21	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 15, 2019	0.78	0.92	0.78	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 15, 2019	2.24	2.66	2.24	100.0%
18840520	433	271	MOORE	13132050	4	Jun 15, 2019	0.54	0.64	0.54	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 15, 2019	0.11	0.13	0.11	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 15, 2019	0.18	0.21	0.18	100.0%
18840520	263	394	MOORE	13132050	4	Jun 15, 2019	0.22	0.26	0.22	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 15, 2019	0.01	0.01	0.01	100.0%
18840520	180	470	MOORE	13132050	4	Jun 15, 2019	0.16	0.19	0.16	100.0%
18840520	156	2002	MOORE	13132050	4	Jun 15, 2019	0.38	0.45	0.38	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 15, 2019	0.50	0.59	0.50	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	0.80	0.95	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 15, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 15, 2019	0.72	0.72	0.72	100.0%
18840601	263	395	MOORE	13132050	4	Jun 15, 2019	0.08	0.09	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 15, 2019	0.54	0.64	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 15, 2019	0.09	0.11	0.09	100.0%
18840601	96	453	MOORE	13132050	4	Jun 15, 2019	0.21	0.25	0.21	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 15, 2019	1.28	1.52	1.28	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 15, 2019	0.01	0.01	0.01	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 15, 2019	0.08	0.09	0.08	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 15, 2019	0.16	0.19	0.16	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 15, 2019	0.80	0.80	0.80	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 15, 2019	0.40	0.40	0.40	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 15, 2019	0.20	0.20	0.20	100.0%
18840601	360	693	BURNETT	13127750	5	Jun 15, 2019	0.80	0.80	0.80	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 15, 2019	0.23	0.23	0.23	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 15, 2019	0.37	0.37	0.37	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 15, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 2	13123070	8	Jun 15, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 15, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 15, 2019	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 15, 2019	1.20	1.42	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 15, 2019	0.80	0.95	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jun 15, 2019	0.80	0.95	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 15, 2019	1.20	1.42	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jun 15, 2019	0.54	0.64	0.54	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 15, 2019	0.80	0.95	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 15, 2019	0.40	0.47	0.40	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 15, 2019	0.09	0.11	0.09	100.0%
18840831	306	1694	MOORE	13132050	4	Jun 15, 2019	0.58	0.69	0.58	100.0%
18840831	533	421	MOORE	13132050	4	Jun 15, 2019	0.14	0.17	0.14	100.0%
18840831	306	1200	MOORE	13132050	4	Jun 15, 2019	0.20	0.24	0.20	100.0%
18840831	2330	422	MOORE	13132050	4	Jun 15, 2019	0.50	0.59	0.50	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	0.50	0.59	0.50	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	0.44	0.52	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	0.40	0.47	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 15, 2019	3.20	3.79	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 15, 2019	1.74	1.74	1.74	100.0%
18840914	360	68	BURNETT	13127750	5	Jun 15, 2019	0.80	0.80	0.80	100.0%
18841012	205	2067	BECK	13130525	4	Jun 15, 2019	1.76	2.09	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Jun 15, 2019	0.31	0.37	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 15, 2019	1.25	1.48	1.25	100.0%

18841012	459	1079	MOORE	13132050	4	Jun 15, 2019	0.89	1.06	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Jun 15, 2019	0.58	0.69	0.58	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 15, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 15, 2019	0.72	0.72	0.72	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 15, 2019	2.78	2.78	2.78	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 15, 2019	1.20	1.20	1.20	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 15, 2019	0.74	0.74	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 15, 2019	3.30	3.30	3.30	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jun 15, 2019	0.41	0.41	0.41	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 15, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jun 15, 2019	0.65	0.65	0.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 15, 2019	0.79	0.79	0.79	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 15, 2019	1.10	1.10	1.10	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 15, 2019	1.65	1.65	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 15, 2019	2.00	2.00	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jun 15, 2019	0.23	0.23	0.23	100.0%
18850501	423	87	ARCO	13132365	2	Jun 15, 2019	0.20	0.29	0.20	100.0%
18850501	423	186	ARCO	13132365	2	Jun 15, 2019	0.26	0.38	0.26	100.0%
18850501	426	887	ARCO	13132365	2	Jun 15, 2019	0.64	0.93	0.64	100.0%
18850501	468	59	ARCO	13132365	2	Jun 15, 2019	0.74	1.07	0.74	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 15, 2019	0.20	0.24	0.20	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jun 15, 2019	1.44	1.71	1.44	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 15, 2019	1.80	2.13	1.80	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 15, 2019	0.24	0.28	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 15, 2019	2.80	2.80	2.80	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	1.40	1.66	1.40	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	0.20	0.24	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 15, 2019	0.30	0.36	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 15, 2019	0.48	0.57	0.48	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 15, 2019	0.56	0.66	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 15, 2019	0.19	0.19	0.19	100.0%
18850530	484	1718	BURNETT	13127750	5	Jun 15, 2019	0.01	0.01	0.01	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 15, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 15, 2019	0.11	0.11	0.11	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 15, 2019	1.56	1.84	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	2.76	3.27	2.76	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jun 15, 2019	1.68	1.68	1.68	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 15, 2019	1.95	1.95	1.95	100.0%
18850601	205	2064	BECK	13130525	4	Jun 15, 2019	0.59	0.70	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 15, 2019	1.20	1.42	1.20	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 15, 2019	2.40	2.40	2.40	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 15, 2019	0.36	0.36	0.36	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 15, 2019	1.31	1.31	1.31	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 15, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 15, 2019	1.10	1.10	1.10	100.0%
18850601	544	2205	SHARP	13126500	6	Jun 15, 2019	0.80	0.80	0.80	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 15, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 15, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 15, 2019	1.54	1.54	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 15, 2019	3.60	5.22	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Jun 15, 2019	1.54	2.23	1.54	100.0%
18851002	318	545	MUNSEY	13132375	2	Jun 15, 2019	0.75	1.09	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Jun 15, 2019	0.80	1.16	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 15, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 15, 2019	1.60	1.90	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 15, 2019	2.80	3.32	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 15, 2019	1.20	1.42	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 15, 2019	4.56	5.41	4.56	100.0%
18860512	96	459	MOORE	13132050	4	Jun 15, 2019	0.48	0.57	0.48	100.0%
18860512	263	398	MOORE	13132050	4	Jun 15, 2019	0.18	0.21	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 15, 2019	0.18	0.21	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 15, 2019	0.01	0.01	0.01	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	1.77	2.10	1.77	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 15, 2019	0.08	0.09	0.08	100.0%

18860601	470	1323	MOORE	13132050	4	Jun 15, 2019	0.20	0.24	0.20	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 15, 2019	2.40	2.85	2.40	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	1.00	1.19	1.00	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	1.24	1.47	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 15, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 15, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 15, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	1.00	1.19	1.00	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	0.10	0.12	0.10	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	0.70	0.83	0.70	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 15, 2019	0.25	0.25	0.25	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 15, 2019	0.60	0.60	0.60	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 15, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jun 15, 2019	0.52	0.52	0.52	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 15, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 15, 2019	0.84	1.22	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 15, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 15, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 15, 2019	0.34	0.34	0.34	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jun 15, 2019	0.80	0.95	0.80	100.0%
18870313	70	337	MOORE	13132050	4	Jun 15, 2019	0.23	0.27	0.23	100.0%
18870313	459	338	MOORE	13132050	4	Jun 15, 2019	0.42	0.50	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Jun 15, 2019	0.13	0.15	0.13	100.0%
18870313	459	682	MOORE	13132050	4	Jun 15, 2019	0.65	0.77	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 15, 2019	1.05	1.05	1.05	100.0%
18870313	73	2029	BURNETT	13127750	5	Jun 15, 2019	0.65	0.65	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	Jun 15, 2019	0.80	0.80	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 15, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 15, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 15, 2019	2.94	4.26	2.94	100.0%
18870601	423	76	ARCO	13132365	2	Jun 15, 2019	0.22	0.32	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 15, 2019	0.32	0.46	0.32	100.0%
18870601	19	892	MUNSEY	13132375	2	Jun 15, 2019	0.80	1.16	0.80	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 15, 2019	1.00	1.19	1.00	100.0%
18870601	73	2022	BURNETT	13127750	5	Jun 15, 2019	1.11	1.11	1.11	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 15, 2019	0.20	0.20	0.20	100.0%
18870601	73	2023	BURNETT	13127750	5	Jun 15, 2019	0.19	0.19	0.19	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 15, 2019	0.16	0.16	0.16	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 15, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 15, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 2	13123070	8	Jun 15, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 15, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 15, 2019	1.60	1.60	1.60	100.0%
18870630	236	1428	BECK	13130525	4	Jun 15, 2019	0.36	0.43	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 15, 2019	0.60	0.60	0.60	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 15, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 15, 2019	0.49	0.49	0.49	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 15, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 15, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jun 15, 2019	0.33	0.48	0.33	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 15, 2019	0.76	0.76	0.76	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jun 15, 2019	0.55	0.55	0.55	100.0%
18880601	347	1973	SHARP	13126500	6	Jun 15, 2019	0.89	0.89	0.89	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 15, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 15, 2019	0.40	0.40	0.40	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 15, 2019	0.80	0.80	0.80	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 15, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 15, 2019	0.40	0.58	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 15, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 15, 2019	0.73	0.73	0.73	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 15, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 15, 2019	0.30	0.30	0.30	100.0%
18881101	59	2222	KENT	13120605	9	Jun 15, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 15, 2019	0.77	0.77	0.77	100.0%

18881101	59	2222	BITTON	13120735	9	Jun 15, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 15, 2019	0.77	0.77	0.77	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jun 15, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 15, 2019	1.12	1.33	1.12	100.0%
18890601	441	205	MOORE	13132050	4	Jun 15, 2019	0.97	1.15	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 15, 2019	0.50	0.59	0.50	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 15, 2019	0.70	0.70	0.70	100.0%
18890601	322	968	BURNETT	13127750	5	Jun 15, 2019	0.80	0.80	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 15, 2019	1.20	1.20	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 15, 2019	2.30	2.30	2.30	100.0%
18900601	372	886	ARCO	13132365	2	Jun 15, 2019	0.59	0.85	0.59	100.0%
18900601	426	756	ARCO	13132365	2	Jun 15, 2019	0.57	0.83	0.57	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 15, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 15, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 15, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 15, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 15, 2019	0.24	0.24	0.24	100.0%
18910630	205	2065	BECK	13130525	4	Jun 15, 2019	0.05	0.06	0.05	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 15, 2019	0.60	0.71	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jun 15, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 15, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 15, 2019	0.20	0.24	0.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 15, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 15, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jun 15, 2019	0.22	0.26	0.22	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 15, 2019	0.30	0.36	0.30	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 15, 2019	0.30	0.36	0.30	100.0%
18930323	77	688	MOORE	13132050	4	Jun 15, 2019	0.80	0.95	0.80	100.0%
18930323	77	366	MOORE	13132050	4	Jun 15, 2019	1.60	1.90	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 15, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 15, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	KENT	13120605	9	Jun 15, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	KENT	13120605	9	Jun 15, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 15, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 15, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 15, 2019	0.60	0.60	0.60	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 15, 2019	0.44	0.44	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 15, 2019	0.40	0.40	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 15, 2019	2.80	2.80	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 15, 2019	0.96	0.96	0.96	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 15, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 15, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 15, 2019	2.00	2.90	2.00	100.0%
18940601	417	379	MOORE	13132050	4	Jun 15, 2019	0.15	0.18	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	2.50	2.96	2.50	100.0%
18940601	2525	1904	SHARP	13126500	6	Jun 15, 2019	0.06	0.06	0.06	100.0%
18940601	284	229	SHARP	13126500	6	Jun 15, 2019	0.15	0.15	0.15	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 15, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 15, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 15, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	Jun 15, 2019	0.80	0.95	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Jun 15, 2019	0.10	0.12	0.10	100.0%
18950601	242	212	MOORE	13132050	4	Jun 15, 2019	0.11	0.13	0.11	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	0.40	0.47	0.40	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	0.80	0.95	0.80	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 15, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 15, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jun 15, 2019	1.74	2.06	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 15, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jun 15, 2019	0.25	0.30	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 15, 2019	3.20	3.20	3.20	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 15, 2019	0.40	0.47	0.40	100.0%
18960601	417	992	MOORE	13132050	4	Jun 15, 2019	1.20	1.42	1.20	100.0%
18960601	306	1695	MOORE	13132050	4	Jun 15, 2019	0.44	0.52	0.44	100.0%

18960601	441	207	MOORE	13132050	4	Jun 15, 2019	0.99	1.17	0.99	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 15, 2019	1.56	1.85	1.56	100.0%
18960601	459	993	MOORE	13132050	4	Jun 15, 2019	0.40	0.47	0.40	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 15, 2019	0.40	0.47	0.40	100.0%
18960601	263	399	MOORE	13132050	4	Jun 15, 2019	0.27	0.32	0.27	100.0%
18960601	263	397	MOORE	13132050	4	Jun 15, 2019	0.35	0.41	0.35	100.0%
18960601	417	381	MOORE	13132050	4	Jun 15, 2019	2.40	2.85	2.40	100.0%
18960601	533	424	MOORE	13132050	4	Jun 15, 2019	0.06	0.07	0.06	100.0%
18960601	96	457	MOORE	13132050	4	Jun 15, 2019	0.75	0.89	0.75	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 15, 2019	0.48	0.57	0.48	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 15, 2019	0.23	0.27	0.23	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 15, 2019	0.03	0.04	0.03	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 15, 2019	0.02	0.02	0.02	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 15, 2019	0.60	0.71	0.60	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 15, 2019	2.12	2.51	2.12	100.0%
18960601	144	1879	MOORE	13132050	4	Jun 15, 2019	0.94	1.11	0.94	100.0%
18960601	402	876	MOORE	13132050	4	Jun 15, 2019	0.07	0.08	0.07	100.0%
18960601	634	1547	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	0.06	0.07	0.06	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	0.04	0.04	0.04	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jun 15, 2019	0.70	0.83	0.70	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jun 15, 2019	0.50	0.59	0.50	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 15, 2019	6.40	6.40	6.40	100.0%
18960630	660	1634	DARLINGTON	13127735	5	Jun 15, 2019	0.06	0.06	0.06	100.0%
18960801	544	2206	SHARP	13126500	6	Jun 15, 2019	0.60	0.60	0.60	100.0%
18960901	437	671	ARCO	13132365	2	Jun 15, 2019	0.13	0.19	0.13	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 15, 2019	1.97	2.85	1.97	100.0%
18960928	15	80	MUNSEY	13132375	2	Jun 15, 2019	2.33	3.38	2.33	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 15, 2019	4.40	6.38	4.40	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 15, 2019	0.03	0.04	0.03	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 15, 2019	0.51	0.74	0.51	100.0%
18970510	437	664	ARCO	13132365	2	Jun 15, 2019	0.82	1.19	0.82	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 15, 2019	6.00	6.00	6.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 15, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jun 15, 2019	0.12	0.14	0.12	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 15, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jun 15, 2019	0.22	0.26	0.22	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jun 15, 2019	0.24	0.28	0.24	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jun 15, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 15, 2019	1.20	1.20	1.20	100.0%
18980601	634	1548	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	0.62	0.74	0.62	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	0.65	0.77	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jun 15, 2019	1.20	1.20	1.20	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 15, 2019	0.80	0.80	0.80	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 15, 2019	1.60	1.60	1.60	100.0%
18980901	268	562	ARCO	13132365	2	Jun 15, 2019	1.57	2.27	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 15, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 15, 2019	0.50	0.50	0.50	100.0%
18990327	180	468	MOORE	13132050	4	Jun 15, 2019	0.05	0.06	0.05	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 15, 2019	0.21	0.25	0.21	100.0%
18990327	113	584	MOORE	13132050	4	Jun 15, 2019	0.03	0.04	0.03	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 15, 2019	0.01	0.01	0.01	100.0%
18990327	14	2062	MOORE	13132050	4	Jun 15, 2019	0.01	0.01	0.01	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 15, 2019	2.72	3.94	2.72	100.0%
18990601	180	2110	MOORE	13132050	4	Jun 15, 2019	0.49	0.58	0.49	100.0%
18990601	140	2071	MOORE	13132050	4	Jun 15, 2019	0.03	0.04	0.03	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 15, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 15, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 15, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 15, 2019	0.52	0.52	0.52	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 15, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 15, 2019	0.21	0.21	0.21	100.0%
19000924	318	543	MUNSEY	13132375	2	Jun 15, 2019	1.04	1.51	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 15, 2019	6.40	6.40	6.40	100.0%
19010722	665	1851	ARCO	13132365	2	Jun 15, 2019	0.15	0.21	0.15	100.0%

19010731	1	1337	6X Ranch 1	13122805	8	Jun 15, 2019	0.30	0.30	0.30	100.0%
19010901	70	339	MOORE	13132050	4	Jun 15, 2019	0.12	0.14	0.12	100.0%
19010901	459	684	MOORE	13132050	4	Jun 15, 2019	0.35	0.41	0.35	100.0%
19010901	459	340	MOORE	13132050	4	Jun 15, 2019	0.23	0.27	0.23	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 15, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jun 15, 2019	0.12	0.14	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 15, 2019	1.31	1.90	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 15, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	0.20	0.24	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 15, 2019	0.31	0.36	0.31	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 15, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 15, 2019	0.90	0.90	0.90	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 15, 2019	2.40	2.40	2.40	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 15, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 15, 2019	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 15, 2019	0.60	0.60	0.60	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 15, 2019	0.27	0.27	0.27	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 15, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 15, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 15, 2019	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 15, 2019	0.53	0.53	0.53	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 15, 2019	2.70	3.20	2.70	100.0%
19020501	501	1325	Zollinger/No Tel	13123020	8	Jun 15, 2019	0.94	0.94	0.94	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 15, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 15, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 15, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 15, 2019	1.22	1.22	1.22	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 15, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 15, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 15, 2019	0.24	0.24	0.24	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 15, 2019	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 15, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 15, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 15, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 15, 2019	1.56	1.85	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 15, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 15, 2019	0.38	0.38	0.38	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 15, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 15, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 15, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 15, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 15, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jun 15, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	KENT	13120605	9	Jun 15, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 15, 2019	0.44	0.44	0.44	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 15, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 15, 2019	0.62	0.62	0.62	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 15, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 15, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	BITTON	13120735	9	Jun 15, 2019	0.02	0.02	0.02	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 15, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 15, 2019	0.31	0.31	0.31	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 15, 2019	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 15, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 15, 2019	0.40	0.40	0.40	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 15, 2019	0.06	0.06	0.06	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 15, 2019	0.65	0.65	0.65	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 15, 2019	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 15, 2019	1.30	1.30	1.30	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 15, 2019	0.27	0.27	0.27	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 15, 2019	0.10	0.10	0.10	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 15, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 15, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 15, 2019	0.40	0.40	0.40	100.0%

19050501	364	690	CHILLY	13121105	9	Jun 15, 2019	0.80	0.80	0.80	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 15, 2019	1.28	1.28	1.28	100.0%
19060501	185	392	3IN1	13130605	4	Jun 15, 2019	0.19	0.23	0.19	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 15, 2019	1.52	1.52	1.52	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 15, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 15, 2019	1.37	1.37	1.37	100.0%
19070711	59	2146	KENT	13120605	9	Jun 15, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	Jun 15, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 15, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 15, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 15, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	BITTON	13120735	9	Jun 15, 2019	0.03	0.03	0.03	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 15, 2019	1.96	1.96	1.96	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 15, 2019	0.50	0.59	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jun 15, 2019	0.17	0.20	0.17	100.0%
19081207	459	344	MOORE	13132050	4	Jun 15, 2019	0.33	0.39	0.33	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 15, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 15, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 15, 2019	2.76	2.76	2.76	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 15, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 15, 2019	0.09	0.09	0.09	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 15, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 15, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 15, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 15, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 15, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 15, 2019	4.30	4.30	4.30	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 15, 2019	2.80	2.80	2.80	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	0.02	0.02	0.02	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 15, 2019	0.13	0.15	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 15, 2019	0.82	0.82	0.82	100.0%
19140103	59	1361	KENT	13120605	9	Jun 15, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	KENT	13120605	9	Jun 15, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 15, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jun 15, 2019	0.69	0.69	0.69	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 15, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 15, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 15, 2019	0.80	0.80	0.80	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 15, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 15, 2019	0.11	0.11	0.11	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 15, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 15, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 15, 2019	2.70	2.70	2.70	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 15, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 15, 2019	0.88	0.88	0.88	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 15, 2019	0.78	0.78	0.78	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jun 15, 2019	0.47	0.47	0.47	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 15, 2019	4.16	4.16	4.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 15, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 15, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 15, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 15, 2019	0.50	0.59	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jun 15, 2019	0.44	0.52	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jun 15, 2019	0.11	0.13	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 15, 2019	4.90	5.81	4.90	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 15, 2019	16.00	23.18	15.21	95.1%
19810501	566	1684	MOORE	13132050	4	Jun 15, 2019	0.82	0.97	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 15, 2019	12.06	14.30	12.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 15, 2019	67.72	80.29	67.72	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 15, 2019	24.42	35.38	24.42	100.0%
19950411	476	1273	BECK	13130525	4	Jun 15, 2019	2.80	3.32	2.80	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 15, 2019	7.40	7.40	7.40	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 15, 2019	35.72	35.72	35.72	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 15, 2019	46.98	46.98	46.98	100.0%

19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 15, 2019	12.00	12.00	12.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 15, 2019	2.24	2.24	2.24	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 15, 2019	12.00	12.00	12.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 15, 2019	9969.40	9969.40	1215.57	12.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 16, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 16	1960.0	4.0	0.0	1964.0	0.00	1964.0	4.0	0.0	0.0	1960.0	0.0	0.0
9	Howell to Chilly	Jun 16	1434.0	145.1	0.0	-380.9	0.19	1583.1	135.6	9.5	0.0	1443.5	-9.5	0.0
8	Chilly to Reservoir	* Jun 16	1703.6	76.3	0.0	345.9	0.00	1929.0	69.8	6.5	0.0	1719.5	-15.9	0.0
	Connected													
7	Mackay Reservoir	* Jun 16	1141.1	0.0	0.0	0.0	0.00	1929.0	1156.0		0.0	563.6	577.5	0.0
6	Reservoir to 2B	Jun 16	1130.0	11.1	0.0	0.0	0.00	1929.0	11.0	0.1	0.0	552.6	577.4	0.0
5	2B to Leslie	Jun 16	920.0	201.0	0.0	-9.0	0.01	1929.0	186.4	14.6	0.0	361.7	558.3	0.0
4	Leslie to Moore	Jun 16	478.7	293.8	0.0	-147.5	0.16	1929.0	209.4	84.4	0.0	94.3	384.4	0.0
2	Moore to blw Munsey	Jun 16	306.0	88.0	0.0	-84.7	0.18	1929.0	77.6	10.4	0.0	0.0	306.0	0.0
1	Blw Munsey to Arco	Jun 16	301.0	0.0	0.0	-5.0	0.02	1929.0	0.0	0.0	0.0	0.0	301.0	0.0
								TOTAL	1849.9	125.5	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 16	0.0	0.0		20180101	11%
9	Howell to Chilly	Jun 16	0.0	0.0		20180101	11%
8	Chilly to Reservoir	Jun 16	0.0	0.0		20180101	11%
	Connected						
7	Mackay Reservoir	Jun 16	0.0	0.0		20180101	11%
6	Reservoir to 2B	Jun 16	0.0	0.0		20180101	11%
5	2B to Leslie	Jun 16	4.4	4.6		20180101	11%
4	Leslie to Moore	Jun 16	58.0	89.5		20180101	11%
2	Moore to blw Munsey	Jun 16	16.7	68.0		20180101	11%
1	Blw Munsey to Arco	Jun 16	0.0	5.0		20180101	11%
		TOTAL	79.1	167.1	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	298.3
2	18810630	1.7	294.0	158.5
3	18880601	3.2	556.5	298.3
4	18960601	6.4	1113.0	596.6
5	19020301	0.8	140.0	74.6
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	46097.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	91374.6

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
41240.0	42330.0	1090.0	549.5	13.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	47523.6
Total Storage Loss	-23853.8
Total Storage Deliver	-9707.8
Total Evaporation	-504.0
Accounting Balance	42328.0
Current Res Content	42330.0
Storage Balance Error	-2.0

DAILY STORAGE BALANCE

41240.0	Reservoir Content Previous Day [ac-ft]
42330.0	Reservoir Content Current Day [ac-ft]
1090.0	Physical Change in Storage [ac-ft]
2292.9	Storage Allocated to Mackay Reservoir [ac-ft]
-928.5	Stored Flow Losses [ac-ft]
-4.6	2B to Leslie [cfs]
-89.5	Leslie to Moore [cfs]
-68.0	Moore blw Munsey [cfs]
-5.0	blw Munsey to Arco Gage [cfs]
-301.0	Past Arco Gage [cfs]
-248.8	Storage Delivered [ac-ft]
16.0	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
14.6	2B to Leslie [cfs]
84.4	Leslie to Moore [cfs]
10.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-25.7	Evaporation [ac-ft]
1089.9	Accounting Change in Storage [ac-ft]
-0.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1703.6	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
1703.6	Total Available Natural Flow [cfs]
1156.0	Reservoir Rights Diverted [cfs]
79.1	Natural Flow Losses below Reservoir [cfs]
4.4	2B to Leslie [cfs]
58.0	Leslie to Moore [cfs]
16.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
468.4	Natural Flow Delivered [cfs]
-16.0	Above Reservoir Storage Use [cfs]
11.0	Reservoir to 2B [cfs]
186.4	2B to Leslie [cfs]
209.4	Leslie to Moore [cfs]
77.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1703.5	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.5	575
Eastside Felton Wier +	37.9	1895
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	49.4	2470
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.3	65
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.4	118
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	79.5	3977
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	1.4	72
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	33.0	1650
Total Out	124.4	6220

Abbreviated Reach Delivery Factor 2.52
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 447.4%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 33.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 7.4 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 75.9%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 9.7 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 84.3 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 249.1%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 339.6%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 16, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	3.2	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.5	0.0	0.1	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.9	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.1	0.1	14.0
9	BITTON	5.5	0.0	0.1	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	7.0	2.4	28.9	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	31.9	3.3	243.2
9	Thalman Hunter D	7.0	2.4	28.9	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	70.0	2.0	630.6
9	NEILSEN	54.0	4.6	280.9	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	87.1	9.3	948.1
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	12.0	0.0	0.0
9	CHILLY	49.0	0.0	0.0	8	Broken River Pum	4.0	0.0	8.1	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	10.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	17.0	8.0	292.5
8	Mtn. Springs 3	5.5	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	6.0	6.0	222.2
8	Donahue 1	0.8	0.7	73.6	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	6.4	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	20.0	0.1	1.9
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	4.0	4.0	150.7
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	162.5	15.1	2281.0
8	Mtn. Springs 1	5.5	5.7	267.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	84.3	51.1	4205.1
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	52.0	10.4	509.9
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	36.0	0.0	223.3
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	11.7	0.1	0.7	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	6.0	270.7	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 16, 2019	1.49	1.49	1.49	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 16, 2019	3.71	3.71	3.71	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 16, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 16, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 16, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 16, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 16, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 16, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 16, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 2	13123070	8	Jun 16, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 16, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 16, 2019	3.00	3.00	3.00	100.0%
18830601	221	855	MOORE	13132050	4	Jun 16, 2019	1.60	1.92	1.60	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 16, 2019	1.54	1.85	1.54	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 16, 2019	0.27	0.33	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 16, 2019	0.79	0.95	0.79	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 16, 2019	0.09	0.11	0.09	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 16, 2019	1.13	1.36	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 16, 2019	1.72	2.06	1.72	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 16, 2019	0.01	0.01	0.01	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 16, 2019	0.18	0.22	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jun 16, 2019	0.48	0.58	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jun 16, 2019	0.18	0.22	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	0.21	0.25	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	0.43	0.52	0.43	100.0%
18840422	236	30	BECK	13130525	4	Jun 16, 2019	1.64	1.97	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 16, 2019	0.14	0.17	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 16, 2019	1.54	1.55	1.54	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 16, 2019	0.07	0.07	0.07	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 16, 2019	0.18	0.18	0.18	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 16, 2019	1.12	1.13	1.12	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 16, 2019	0.96	0.97	0.96	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 16, 2019	1.20	1.21	1.20	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 16, 2019	1.63	1.64	1.63	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jun 16, 2019	0.14	0.14	0.14	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 16, 2019	0.20	0.20	0.20	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 16, 2019	0.55	0.55	0.55	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 16, 2019	0.21	0.21	0.21	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 16, 2019	0.50	0.50	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 16, 2019	1.92	1.94	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 16, 2019	2.00	2.02	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 16, 2019	0.79	0.80	0.79	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 16, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 16, 2019	0.12	0.12	0.12	100.0%
18840422	284	228	SHARP	13126500	6	Jun 16, 2019	0.13	0.13	0.13	100.0%
18840422	544	2189	SHARP	13126500	6	Jun 16, 2019	1.00	1.00	1.00	100.0%
18840422	2525	1903	SHARP	13126500	6	Jun 16, 2019	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	Jun 16, 2019	2.46	2.46	2.46	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 16, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jun 16, 2019	1.00	1.20	1.00	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 16, 2019	0.77	0.78	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 16, 2019	1.23	1.24	1.23	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 16, 2019	0.40	0.40	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 16, 2019	1.60	1.61	1.60	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 16, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 16, 2019	5.06	5.06	5.06	100.0%
18840520	242	210	MOORE	13132050	4	Jun 16, 2019	0.21	0.25	0.21	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 16, 2019	0.17	0.20	0.17	100.0%
18840520	14	2061	MOORE	13132050	4	Jun 16, 2019	0.04	0.05	0.04	100.0%

18840520	187	1935	MOORE	13132050	4	Jun 16, 2019	0.04	0.05	0.04	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 16, 2019	0.18	0.22	0.18	100.0%
18840520	96	451	MOORE	13132050	4	Jun 16, 2019	0.58	0.70	0.58	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 16, 2019	0.22	0.26	0.22	100.0%
18840520	180	470	MOORE	13132050	4	Jun 16, 2019	0.16	0.19	0.16	100.0%
18840520	156	2002	MOORE	13132050	4	Jun 16, 2019	0.38	0.46	0.38	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 16, 2019	0.01	0.01	0.01	100.0%
18840520	113	585	MOORE	13132050	4	Jun 16, 2019	0.11	0.13	0.11	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 16, 2019	0.80	0.96	0.80	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 16, 2019	2.24	2.69	2.24	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 16, 2019	0.11	0.13	0.11	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 16, 2019	0.50	0.60	0.50	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 16, 2019	1.60	1.92	1.60	100.0%
18840520	427	1	MOORE	13132050	4	Jun 16, 2019	1.12	1.34	1.12	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 16, 2019	0.78	0.94	0.78	100.0%
18840520	263	394	MOORE	13132050	4	Jun 16, 2019	0.22	0.26	0.22	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 16, 2019	0.01	0.01	0.01	100.0%
18840520	433	271	MOORE	13132050	4	Jun 16, 2019	0.54	0.65	0.54	100.0%
18840520	14	2002	MOORE	13132050	4	Jun 16, 2019	0.02	0.02	0.02	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 16, 2019	0.02	0.02	0.02	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	0.80	0.96	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 16, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 16, 2019	0.40	0.40	0.40	100.0%
18840601	96	453	MOORE	13132050	4	Jun 16, 2019	0.21	0.25	0.21	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 16, 2019	1.28	1.54	1.28	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 16, 2019	0.08	0.10	0.08	100.0%
18840601	263	395	MOORE	13132050	4	Jun 16, 2019	0.08	0.10	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 16, 2019	0.09	0.11	0.09	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 16, 2019	0.01	0.01	0.01	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 16, 2019	0.54	0.65	0.54	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 16, 2019	0.16	0.19	0.16	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 16, 2019	0.37	0.37	0.37	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 16, 2019	0.73	0.74	0.73	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 16, 2019	0.40	0.40	0.40	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 16, 2019	0.23	0.23	0.23	100.0%
18840601	360	693	BURNETT	13127750	5	Jun 16, 2019	0.80	0.81	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 16, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 2	13123070	8	Jun 16, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 16, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 16, 2019	0.40	0.40	0.40	100.0%
18840715	133	324	MOORE	13132050	4	Jun 16, 2019	0.54	0.65	0.54	100.0%
18840715	459	798	MOORE	13132050	4	Jun 16, 2019	0.80	0.96	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 16, 2019	0.80	0.96	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 16, 2019	0.80	0.96	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 16, 2019	1.20	1.44	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 16, 2019	1.20	1.44	1.20	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 16, 2019	0.40	0.48	0.40	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 16, 2019	0.09	0.11	0.09	100.0%
18840831	306	1200	MOORE	13132050	4	Jun 16, 2019	0.20	0.24	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Jun 16, 2019	0.58	0.70	0.58	100.0%
18840831	533	421	MOORE	13132050	4	Jun 16, 2019	0.14	0.17	0.14	100.0%
18840831	2330	422	MOORE	13132050	4	Jun 16, 2019	0.50	0.60	0.50	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	0.44	0.53	0.44	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	0.50	0.60	0.50	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	0.40	0.48	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 16, 2019	3.20	3.84	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 16, 2019	1.74	1.74	1.74	100.0%
18840914	360	68	BURNETT	13127750	5	Jun 16, 2019	0.40	0.40	0.40	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 16, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jun 16, 2019	1.76	2.11	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 16, 2019	1.25	1.50	1.25	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 16, 2019	0.89	1.07	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Jun 16, 2019	0.58	0.70	0.58	100.0%
18841012	70	341	MOORE	13132050	4	Jun 16, 2019	0.31	0.37	0.31	100.0%

18841012	317	1460	SWAUGER	13127600	5	Jun 16, 2019	2.77	2.79	2.77	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 16, 2019	2.78	2.80	2.78	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 16, 2019	3.30	3.33	3.30	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 16, 2019	0.74	0.75	0.74	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 16, 2019	0.72	0.73	0.72	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 16, 2019	1.20	1.21	1.20	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jun 16, 2019	0.41	0.41	0.41	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 16, 2019	1.09	1.10	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jun 16, 2019	0.65	0.65	0.65	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 16, 2019	1.65	1.66	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 16, 2019	2.00	2.02	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 16, 2019	0.79	0.80	0.79	100.0%
18850501	426	887	ARCO	13132365	2	Jun 16, 2019	0.64	0.93	0.64	100.0%
18850501	423	186	ARCO	13132365	2	Jun 16, 2019	0.26	0.38	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Jun 16, 2019	0.20	0.29	0.20	100.0%
18850501	468	59	ARCO	13132365	2	Jun 16, 2019	0.74	1.08	0.74	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 16, 2019	0.20	0.24	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 16, 2019	0.24	0.29	0.24	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jun 16, 2019	1.44	1.73	1.44	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 16, 2019	1.80	2.16	1.80	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 16, 2019	2.80	2.80	2.80	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	1.40	1.68	1.40	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	0.20	0.24	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 16, 2019	0.30	0.36	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 16, 2019	0.48	0.58	0.48	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 16, 2019	0.56	0.67	0.56	100.0%
18850530	484	1718	BURNETT	13127750	5	Jun 16, 2019	0.01	0.01	0.01	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 16, 2019	1.37	1.38	1.37	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 16, 2019	0.19	0.19	0.19	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 16, 2019	0.11	0.11	0.11	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 16, 2019	1.56	1.87	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	2.76	3.31	2.76	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 16, 2019	3.20	3.23	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jun 16, 2019	0.59	0.71	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 16, 2019	1.20	1.44	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 16, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 16, 2019	2.40	2.42	2.40	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 16, 2019	1.31	1.32	1.31	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 16, 2019	1.54	1.55	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jun 16, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 16, 2019	1.10	1.10	1.10	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 16, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 16, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 16, 2019	1.54	1.55	1.54	100.0%
18851002	437	62	ARCO	13132365	2	Jun 16, 2019	1.54	2.25	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 16, 2019	3.60	5.25	3.60	100.0%
18851002	318	545	MUNSEY	13132375	2	Jun 16, 2019	0.75	1.09	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Jun 16, 2019	0.80	1.17	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 16, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 16, 2019	1.60	1.92	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 16, 2019	2.80	3.36	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 16, 2019	1.20	1.44	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 16, 2019	4.56	5.47	4.56	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 16, 2019	0.01	0.01	0.01	100.0%
18860512	263	398	MOORE	13132050	4	Jun 16, 2019	0.18	0.22	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 16, 2019	0.18	0.22	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jun 16, 2019	0.48	0.58	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	1.77	2.12	1.77	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 16, 2019	2.40	2.88	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 16, 2019	0.20	0.24	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 16, 2019	0.08	0.10	0.08	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	1.24	1.49	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	1.00	1.20	1.00	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 16, 2019	1.60	1.61	1.60	100.0%

18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 16, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 16, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	1.00	1.20	1.00	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	0.86	1.03	0.86	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	0.10	0.12	0.10	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 16, 2019	0.60	0.60	0.60	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 16, 2019	0.45	0.45	0.45	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 16, 2019	0.80	0.81	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 16, 2019	0.80	0.81	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jun 16, 2019	0.52	0.52	0.52	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 16, 2019	0.84	1.23	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 16, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 16, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 16, 2019	1.26	1.27	1.26	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jun 16, 2019	0.80	0.96	0.80	100.0%
18870313	459	682	MOORE	13132050	4	Jun 16, 2019	0.65	0.78	0.65	100.0%
18870313	70	337	MOORE	13132050	4	Jun 16, 2019	0.23	0.28	0.23	100.0%
18870313	433	683	MOORE	13132050	4	Jun 16, 2019	0.13	0.16	0.13	100.0%
18870313	459	338	MOORE	13132050	4	Jun 16, 2019	0.42	0.50	0.42	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 16, 2019	1.05	1.06	1.05	100.0%
18870313	73	2029	BURNETT	13127750	5	Jun 16, 2019	0.65	0.66	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 16, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 16, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 16, 2019	2.54	3.70	2.54	100.0%
18870601	423	76	ARCO	13132365	2	Jun 16, 2019	0.22	0.32	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 16, 2019	0.32	0.47	0.32	100.0%
18870601	19	892	MUNSEY	13132375	2	Jun 16, 2019	0.80	1.17	0.80	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 16, 2019	1.00	1.20	1.00	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 16, 2019	0.20	0.20	0.20	100.0%
18870601	73	2022	BURNETT	13127750	5	Jun 16, 2019	0.30	0.30	0.30	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 16, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 16, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 2	13123070	8	Jun 16, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 16, 2019	0.69	0.69	0.69	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 16, 2019	1.71	1.71	1.71	100.0%
18870630	236	1428	BECK	13130525	4	Jun 16, 2019	0.36	0.43	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 16, 2019	0.60	0.60	0.60	100.0%
18870801	119	1166	BURNETT	13127750	5	Jun 16, 2019	0.27	0.27	0.27	100.0%
18870831	119	1154	BURNETT	13127750	5	Jun 16, 2019	0.40	0.40	0.40	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 16, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 16, 2019	0.49	0.49	0.49	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 16, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 16, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jun 16, 2019	0.33	0.48	0.33	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 16, 2019	0.76	0.77	0.76	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jun 16, 2019	0.55	0.56	0.55	100.0%
18880601	347	1973	SHARP	13126500	6	Jun 16, 2019	0.89	0.89	0.89	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 16, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 16, 2019	0.34	0.34	0.34	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 16, 2019	0.86	0.86	0.86	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 16, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 16, 2019	0.40	0.58	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 16, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 16, 2019	0.73	0.73	0.73	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 16, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 16, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 16, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	KENT	13120605	9	Jun 16, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 16, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 16, 2019	0.83	0.83	0.83	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jun 16, 2019	0.76	0.77	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 16, 2019	1.12	1.35	1.12	100.0%
18890601	441	205	MOORE	13132050	4	Jun 16, 2019	0.97	1.16	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 16, 2019	0.50	0.60	0.50	100.0%

18890601	475	969	BURNETT	13127750	5	Jun 16, 2019	1.20	1.21	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 16, 2019	0.70	0.71	0.70	100.0%
18890601	322	968	BURNETT	13127750	5	Jun 16, 2019	0.80	0.81	0.80	100.0%
18900601	426	756	ARCO	13132365	2	Jun 16, 2019	0.57	0.83	0.57	100.0%
18900601	372	886	ARCO	13132365	2	Jun 16, 2019	0.59	0.86	0.59	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 16, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 16, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 16, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 16, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 16, 2019	0.24	0.24	0.24	100.0%
18910630	205	2065	BECK	13130525	4	Jun 16, 2019	0.65	0.78	0.65	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 16, 2019	0.60	0.72	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jun 16, 2019	0.80	0.81	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 16, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 16, 2019	0.20	0.24	0.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 16, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 16, 2019	1.45	1.45	1.45	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 16, 2019	0.30	0.36	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 16, 2019	0.22	0.26	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 16, 2019	0.30	0.36	0.30	100.0%
18930323	77	688	MOORE	13132050	4	Jun 16, 2019	0.80	0.96	0.80	100.0%
18930323	77	366	MOORE	13132050	4	Jun 16, 2019	1.60	1.92	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 16, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	Jun 16, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	KENT	13120605	9	Jun 16, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 16, 2019	0.58	0.58	0.58	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 16, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 16, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 16, 2019	0.60	0.60	0.60	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 16, 2019	0.44	0.44	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 16, 2019	0.40	0.40	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 16, 2019	2.80	2.82	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 16, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 16, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 16, 2019	2.00	2.92	2.00	100.0%
18940601	417	379	MOORE	13132050	4	Jun 16, 2019	0.15	0.18	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	2.50	3.00	2.50	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 16, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jun 16, 2019	0.15	0.15	0.15	100.0%
18940601	2525	1904	SHARP	13126500	6	Jun 16, 2019	0.06	0.06	0.06	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 16, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 16, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jun 16, 2019	0.10	0.12	0.10	100.0%
18950601	180	1343	MOORE	13132050	4	Jun 16, 2019	0.80	0.96	0.80	100.0%
18950601	242	212	MOORE	13132050	4	Jun 16, 2019	0.11	0.13	0.11	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	0.40	0.48	0.40	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	0.80	0.96	0.80	100.0%
18950601	251	1342	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	0.74	0.89	0.74	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 16, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 16, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jun 16, 2019	1.74	2.09	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 16, 2019	1.60	1.61	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jun 16, 2019	0.25	0.30	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 16, 2019	3.20	3.20	3.20	100.0%
18960601	417	992	MOORE	13132050	4	Jun 16, 2019	1.20	1.44	1.20	100.0%
18960601	441	207	MOORE	13132050	4	Jun 16, 2019	0.99	1.19	0.99	100.0%
18960601	417	381	MOORE	13132050	4	Jun 16, 2019	2.40	2.88	2.40	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 16, 2019	1.56	1.87	1.56	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 16, 2019	2.12	2.55	2.12	100.0%
18960601	263	397	MOORE	13132050	4	Jun 16, 2019	0.35	0.42	0.35	100.0%
18960601	306	1695	MOORE	13132050	4	Jun 16, 2019	0.44	0.53	0.44	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 16, 2019	0.23	0.28	0.23	100.0%
18960601	263	399	MOORE	13132050	4	Jun 16, 2019	0.27	0.32	0.27	100.0%
18960601	459	993	MOORE	13132050	4	Jun 16, 2019	0.40	0.48	0.40	100.0%

18960601	459	1120	MOORE	13132050	4	Jun 16, 2019	0.40	0.48	0.40	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 16, 2019	0.60	0.72	0.60	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 16, 2019	0.02	0.02	0.02	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 16, 2019	0.03	0.04	0.03	100.0%
18960601	144	1879	MOORE	13132050	4	Jun 16, 2019	0.94	1.13	0.94	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 16, 2019	0.48	0.58	0.48	100.0%
18960601	96	457	MOORE	13132050	4	Jun 16, 2019	0.75	0.90	0.75	100.0%
18960601	402	876	MOORE	13132050	4	Jun 16, 2019	0.07	0.08	0.07	100.0%
18960601	533	424	MOORE	13132050	4	Jun 16, 2019	0.06	0.07	0.06	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 16, 2019	0.40	0.48	0.40	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	0.04	0.04	0.04	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jun 16, 2019	0.70	0.84	0.70	100.0%
18960601	634	1547	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	0.06	0.07	0.06	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jun 16, 2019	0.50	0.60	0.50	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 16, 2019	6.40	6.40	6.40	100.0%
18960801	544	2206	SHARP	13126500	6	Jun 16, 2019	0.60	0.60	0.60	100.0%
18960901	437	671	ARCO	13132365	2	Jun 16, 2019	0.13	0.19	0.13	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 16, 2019	0.51	0.74	0.51	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 16, 2019	1.97	2.87	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 16, 2019	0.03	0.04	0.03	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 16, 2019	4.40	6.42	4.40	100.0%
18960928	15	80	MUNSEY	13132375	2	Jun 16, 2019	2.33	3.40	2.33	100.0%
18970510	437	664	ARCO	13132365	2	Jun 16, 2019	0.82	1.20	0.82	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jun 16, 2019	0.55	0.55	0.55	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 16, 2019	6.00	6.05	6.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 16, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jun 16, 2019	0.12	0.14	0.12	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 16, 2019	0.70	0.71	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jun 16, 2019	0.22	0.26	0.22	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jun 16, 2019	0.24	0.29	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 16, 2019	1.20	1.20	1.20	100.0%
18980601	634	1548	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	0.62	0.74	0.62	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	0.65	0.78	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jun 16, 2019	1.20	1.21	1.20	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 16, 2019	0.69	0.69	0.69	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 16, 2019	1.71	1.71	1.71	100.0%
18980901	268	562	ARCO	13132365	2	Jun 16, 2019	1.57	2.29	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 16, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 16, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	1.60	1.92	1.60	100.0%
18990327	14	2062	MOORE	13132050	4	Jun 16, 2019	0.01	0.01	0.01	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 16, 2019	0.21	0.25	0.21	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 16, 2019	0.01	0.01	0.01	100.0%
18990327	180	468	MOORE	13132050	4	Jun 16, 2019	0.05	0.06	0.05	100.0%
18990327	113	584	MOORE	13132050	4	Jun 16, 2019	0.03	0.04	0.03	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 16, 2019	2.72	3.97	2.72	100.0%
18990601	180	2110	MOORE	13132050	4	Jun 16, 2019	0.49	0.59	0.49	100.0%
18990601	140	2071	MOORE	13132050	4	Jun 16, 2019	0.03	0.04	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 16, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 16, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 16, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 16, 2019	0.52	0.52	0.52	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 16, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 16, 2019	0.46	0.46	0.46	100.0%
19000924	318	543	MUNSEY	13132375	2	Jun 16, 2019	1.04	1.52	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 16, 2019	6.40	6.40	6.40	100.0%
19010722	665	1851	ARCO	13132365	2	Jun 16, 2019	0.15	0.21	0.15	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 16, 2019	0.30	0.30	0.30	100.0%
19010901	70	339	MOORE	13132050	4	Jun 16, 2019	0.12	0.14	0.12	100.0%
19010901	459	340	MOORE	13132050	4	Jun 16, 2019	0.23	0.28	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jun 16, 2019	0.35	0.42	0.35	100.0%
19011001	263	396	MOORE	13132050	4	Jun 16, 2019	0.12	0.14	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 16, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 16, 2019	1.31	1.91	1.31	100.0%

19020103	279	2241	BRADSHAW	13120705	9	Jun 16, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	0.20	0.24	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 16, 2019	0.31	0.37	0.31	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 16, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 16, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 16, 2019	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 16, 2019	1.60	1.60	1.60	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 16, 2019	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 16, 2019	2.40	2.40	2.40	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 16, 2019	0.60	0.60	0.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 16, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 16, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 16, 2019	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 16, 2019	2.00	2.00	2.00	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 16, 2019	2.70	3.24	2.70	100.0%
19020501	501	1325	Zollinger/No Tel	13123020	8	Jun 16, 2019	0.94	0.94	0.94	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 16, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 16, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 16, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 16, 2019	1.22	1.22	1.22	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 16, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 16, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 16, 2019	1.08	1.08	1.08	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 16, 2019	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 16, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 16, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 16, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 16, 2019	1.56	1.87	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 16, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 16, 2019	0.38	0.38	0.38	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 16, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 16, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 16, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 16, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 16, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jun 16, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 16, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	KENT	13120605	9	Jun 16, 2019	0.45	0.45	0.45	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 16, 2019	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 16, 2019	0.02	0.02	0.02	100.0%
19050501	59	784	BITTON	13120735	9	Jun 16, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 16, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 16, 2019	0.44	0.44	0.44	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 16, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 16, 2019	0.31	0.31	0.31	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 16, 2019	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 16, 2019	1.30	1.30	1.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 16, 2019	0.10	0.10	0.10	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 16, 2019	0.65	0.65	0.65	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 16, 2019	0.06	0.06	0.06	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 16, 2019	0.27	0.27	0.27	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 16, 2019	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 16, 2019	0.30	0.30	0.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 16, 2019	3.00	3.00	3.00	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 16, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 16, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 16, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 16, 2019	0.80	0.80	0.80	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 16, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jun 16, 2019	0.19	0.23	0.19	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 16, 2019	1.52	1.52	1.52	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 16, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 16, 2019	1.37	1.37	1.37	100.0%
19070711	59	2146	KENT	13120605	9	Jun 16, 2019	0.55	0.55	0.55	100.0%

19070711	2610	2094	KENT	13120605	9	Jun 16, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	KENT	13120605	9	Jun 16, 2019	0.03	0.03	0.03	100.0%
19070711	59	786	BITTON	13120735	9	Jun 16, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 16, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 16, 2019	0.53	0.53	0.53	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 16, 2019	1.96	1.98	1.96	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 16, 2019	0.50	0.60	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 16, 2019	0.33	0.40	0.33	100.0%
19081207	70	343	MOORE	13132050	4	Jun 16, 2019	0.17	0.20	0.17	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 16, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 16, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 16, 2019	2.76	2.76	2.76	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 16, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 16, 2019	0.09	0.09	0.09	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 16, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 16, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 16, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 16, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 16, 2019	4.30	4.30	4.30	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 16, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 16, 2019	2.80	2.80	2.80	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	0.13	0.16	0.13	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jun 16, 2019	0.02	0.02	0.02	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 16, 2019	0.82	0.82	0.82	100.0%
19140103	59	2233	KENT	13120605	9	Jun 16, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	KENT	13120605	9	Jun 16, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jun 16, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 16, 2019	0.04	0.04	0.04	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 16, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 16, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 16, 2019	0.02	0.02	0.02	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 16, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 16, 2019	0.11	0.11	0.11	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 16, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 16, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 16, 2019	2.70	2.70	2.70	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 16, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 16, 2019	0.88	0.88	0.88	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 16, 2019	0.78	0.78	0.78	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jun 16, 2019	0.47	0.47	0.47	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 16, 2019	4.16	4.16	4.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 16, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 16, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 16, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 16, 2019	0.50	0.60	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jun 16, 2019	0.44	0.53	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jun 16, 2019	0.11	0.13	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 16, 2019	4.90	5.88	4.90	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 16, 2019	16.00	23.34	16.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 16, 2019	0.82	0.98	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 16, 2019	12.06	14.48	12.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 16, 2019	69.22	83.10	69.22	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 16, 2019	26.12	38.10	26.12	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jun 16, 2019	2.20	3.21	1.41	64.1%
19950411	476	1273	BECK	13130525	4	Jun 16, 2019	3.00	3.60	3.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 16, 2019	11.30	11.39	11.30	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 16, 2019	41.76	42.10	41.76	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 16, 2019	39.60	39.92	39.60	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 16, 2019	12.00	12.10	12.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 16, 2019	1.74	1.74	1.74	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 16, 2019	12.00	12.00	12.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 16, 2019	9969.40	9969.40	1140.67	11.4%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 17, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 17	1990.0	4.0	0.0	1994.0	0.00	1994.0	4.0	0.0	0.0	1990.0	0.0	0.0
9	Howell to Chilly	Jun 17	1445.0	145.1	0.0	-399.9	0.20	1594.1	135.6	9.5	0.0	1454.5	-9.5	0.0
8	Chilly to Reservoir	* Jun 17	1711.0	76.3	0.0	342.3	0.00	1936.4	69.8	6.5	0.0	1727.0	-15.9	0.0
	Connected													
7	Mackay Reservoir	* Jun 17	1351.6	0.0	0.0	0.0	0.00	1936.4	1098.1		0.0	628.8	722.8	0.0
6	Reservoir to 2B	Jun 17	1340.0	11.6	0.0	0.0	0.00	1936.4	11.5	0.1	0.0	617.3	722.7	0.0
5	2B to Leslie	Jun 17	1060.0	196.7	0.0	-83.3	0.06	1936.4	184.9	11.8	0.0	394.0	666.0	0.0
4	Leslie to Moore	Jun 17	519.4	289.6	0.0	-251.0	0.24	1936.4	207.1	82.4	0.0	93.6	425.8	0.0
2	Moore to blw Munsey	Jun 17	327.0	85.0	0.0	-107.4	0.21	1936.4	74.2	10.8	0.0	0.0	327.0	0.0
1	Blw Munsey to Arco	Jun 17	322.0	0.0	0.0	-5.0	0.02	1936.4	0.0	0.0	0.0	0.0	322.0	0.0
								TOTAL	1785.3	121.1	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 17	0.0	0.0		20180101	11%
9	Howell to Chilly	Jun 17	0.0	0.0		20180101	11%
8	Chilly to Reservoir	Jun 17	0.0	0.0		20180101	11%
	Connected						
7	Mackay Reservoir	Jun 17	0.0	0.0		20180101	11%
6	Reservoir to 2B	Jun 17	0.0	0.0		20180101	11%
5	2B to Leslie	Jun 17	38.4	44.9		20180101	11%
4	Leslie to Moore	Jun 17	93.3	157.7		20180101	11%
2	Moore to blw Munsey	Jun 17	19.4	88.1		20180101	11%
1	Blw Munsey to Arco	Jun 17	0.0	5.0		20180101	11%
		TOTAL	151.1	295.7	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	304.7
2	18810630	1.7	294.0	161.9
3	18880601	3.2	556.5	304.7
4	18960601	6.4	1113.0	609.3
5	19020301	0.8	140.0	76.2
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	48245.1
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	93552.8

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
42330.0	43020.0	690.0	347.9	11.6

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	49701.8
Total Storage Loss	-25079.0
Total Storage Deliver	-9948.0
Total Evaporation	-526.9
Accounting Balance	43017.8
Current Res Content	43020.0
Storage Balance Error	-2.2

DAILY STORAGE BALANCE

```
 42330.0 Reservoir Content Previous Day [ac-ft]
 43020.0 Reservoir Content Current Day [ac-ft]
   690.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------------
          2178.1 Storage Allocated to Mackay Reservoir [ac-ft]

         -1225.2 Stored Flow Losses [ac-ft]
               -44.9 2B to Leslie [cfs]
              -157.7 Leslie to Moore [cfs]
               -88.1 Moore blw Munsey [cfs]
                -5.0 blw Munsey to Arco Gage [cfs]
              -322.0 Past Arco Gage [cfs]

          -240.1 Storage Delivered [ac-ft]
                16.0 Above Reservoir [cfs]
                 0.1 Reservoir to 2B [cfs]
                11.8 2B to Leslie [cfs]
                82.4 Leslie to Moore [cfs]
                10.8 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

           -22.9 Evaporation [ac-ft]

   689.9 Accounting Change in Storage [ac-ft]
-------------------------------------------------------------
    -0.1 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
  1711.0 Gain in/above Mackay Reservoir [cfs]
     0.0 Gain in Reach 5: 2-B to Leslie [cfs]
     0.0 Gain in Reach 4: Leslie to Moore [cfs]
     0.0 Gain in Reach 2: Moore to Munsey [cfs]
     0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------------
  1711.0 Total Available Natural Flow [cfs]
-------------------------------------------------------------
          1098.1 Reservoir Rights Diverted [cfs]

           151.1 Natural Flow Losses below Reservoir [cfs]
                38.4 2B to Leslie [cfs]
                93.3 Leslie to Moore [cfs]
                19.4 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
                 0.0 Natural Flow Past Arco Gage [cfs]

           461.7 Natural Flow Delivered [cfs]
               -16.0 Above Reservoir Storage Use [cfs]
                11.5 Reservoir to 2B [cfs]
               184.9 2B to Leslie [cfs]
               207.1 Leslie to Moore [cfs]
                74.2 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

  1710.9 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------------
     0.1 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	12.4	620
Eastside Felton Wier +	41.0	2050
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	53.4	2670
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.3	65
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.4	118
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	83.7	4187
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.4	168
Island Wanstrom David +	0.0	0
Eastside OUT	31.0	1550
Total Out	128.5	6426

Abbreviated Reach Delivery Factor 2.41
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 424.8%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 31.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 7.3 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 77.2%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 9.4 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 84.6 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 254.3%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 328.1%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 17, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	3.2	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.5	0.0	0.2	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.9	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.6	0.1	14.2
9	BITTON	5.5	0.0	0.2	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	7.0	2.4	33.7	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	28.0	3.3	249.7
9	Thalman Hunter D	7.0	2.4	33.7	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	70.2	2.0	634.5
9	NEILSEN	54.0	4.6	290.1	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	86.5	6.5	961.0
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	12.0	0.0	0.0
9	CHILLY	49.0	0.0	0.0	8	Broken River Pum	4.0	0.0	8.1	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	10.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	16.5	8.0	308.4
8	Mtn. Springs 3	5.5	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	4.0	4.0	230.1
8	Donahue 1	0.8	0.7	75.1	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	6.4	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	20.0	0.1	2.2
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	154.7
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	162.5	15.1	2311.0
8	Mtn. Springs 1	5.5	5.7	278.2	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	84.6	53.1	4310.5
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	49.0	10.8	531.2
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	36.0	0.0	223.3
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	11.7	0.1	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	6.0	282.6	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 17, 2019	1.49	1.49	1.49	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 17, 2019	3.71	3.71	3.71	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 17, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 17, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 17, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 17, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 17, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 17, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 17, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 2	13123070	8	Jun 17, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 17, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 17, 2019	3.00	3.00	3.00	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 17, 2019	0.79	1.10	0.79	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 17, 2019	0.09	0.13	0.09	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 17, 2019	0.27	0.38	0.27	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 17, 2019	1.54	2.15	1.54	100.0%
18830601	221	855	MOORE	13132050	4	Jun 17, 2019	1.60	2.24	1.60	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 17, 2019	1.13	1.58	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 17, 2019	1.72	2.40	1.72	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 17, 2019	0.01	0.01	0.01	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 17, 2019	0.18	0.25	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jun 17, 2019	0.48	0.67	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jun 17, 2019	0.18	0.25	0.18	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	0.43	0.60	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	0.21	0.30	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 17, 2019	1.64	2.29	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 17, 2019	0.14	0.20	0.14	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 17, 2019	0.18	0.19	0.18	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 17, 2019	1.12	1.19	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 17, 2019	0.07	0.07	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 17, 2019	1.54	1.64	1.54	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 17, 2019	0.96	1.02	0.96	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jun 17, 2019	0.14	0.15	0.14	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 17, 2019	0.55	0.59	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 17, 2019	1.63	1.74	1.63	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 17, 2019	0.20	0.21	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 17, 2019	1.44	1.54	1.44	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 17, 2019	0.79	0.84	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 17, 2019	0.21	0.22	0.21	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 17, 2019	1.92	2.05	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 17, 2019	0.50	0.53	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 17, 2019	2.00	2.13	2.00	100.0%
18840422	347	938	SHARP	13126500	6	Jun 17, 2019	2.46	2.46	2.46	100.0%
18840422	284	228	SHARP	13126500	6	Jun 17, 2019	0.13	0.13	0.13	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 17, 2019	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 17, 2019	0.64	0.64	0.64	100.0%
18840422	2525	1903	SHARP	13126500	6	Jun 17, 2019	0.08	0.08	0.08	100.0%
18840422	544	2189	SHARP	13126500	6	Jun 17, 2019	1.00	1.00	1.00	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 17, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jun 17, 2019	1.00	1.40	1.00	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 17, 2019	0.40	0.43	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 17, 2019	0.80	0.85	0.80	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 17, 2019	1.60	1.71	1.60	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 17, 2019	1.23	1.31	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 17, 2019	0.77	0.82	0.77	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 17, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 17, 2019	5.06	5.06	5.06	100.0%
18840520	263	394	MOORE	13132050	4	Jun 17, 2019	0.22	0.31	0.22	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 17, 2019	0.01	0.01	0.01	100.0%

18840520	14	2061	MOORE	13132050	4	Jun 17, 2019	0.04	0.06	0.04	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 17, 2019	0.78	1.09	0.78	100.0%
18840520	96	451	MOORE	13132050	4	Jun 17, 2019	0.58	0.81	0.58	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 17, 2019	0.50	0.70	0.50	100.0%
18840520	427	1	MOORE	13132050	4	Jun 17, 2019	1.12	1.56	1.12	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 17, 2019	0.22	0.31	0.22	100.0%
18840520	14	2002	MOORE	13132050	4	Jun 17, 2019	0.02	0.03	0.02	100.0%
18840520	433	271	MOORE	13132050	4	Jun 17, 2019	0.54	0.75	0.54	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 17, 2019	0.80	1.12	0.80	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 17, 2019	0.11	0.15	0.11	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 17, 2019	2.24	3.13	2.24	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 17, 2019	1.60	2.24	1.60	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 17, 2019	0.17	0.24	0.17	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 17, 2019	0.04	0.06	0.04	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 17, 2019	0.02	0.03	0.02	100.0%
18840520	113	585	MOORE	13132050	4	Jun 17, 2019	0.11	0.15	0.11	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 17, 2019	0.01	0.01	0.01	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 17, 2019	0.18	0.25	0.18	100.0%
18840520	180	470	MOORE	13132050	4	Jun 17, 2019	0.16	0.22	0.16	100.0%
18840520	156	2002	MOORE	13132050	4	Jun 17, 2019	0.38	0.53	0.38	100.0%
18840520	242	210	MOORE	13132050	4	Jun 17, 2019	0.21	0.29	0.21	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	0.80	1.12	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 17, 2019	0.48	0.51	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 17, 2019	0.40	0.43	0.40	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 17, 2019	0.08	0.11	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Jun 17, 2019	0.21	0.29	0.21	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 17, 2019	0.54	0.75	0.54	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 17, 2019	1.28	1.79	1.28	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 17, 2019	0.01	0.01	0.01	100.0%
18840601	263	395	MOORE	13132050	4	Jun 17, 2019	0.08	0.11	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 17, 2019	0.09	0.13	0.09	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 17, 2019	0.16	0.22	0.16	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 17, 2019	0.37	0.39	0.37	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 17, 2019	0.80	0.85	0.80	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 17, 2019	0.73	0.78	0.73	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 17, 2019	0.23	0.25	0.23	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 17, 2019	0.40	0.43	0.40	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 17, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 2	13123070	8	Jun 17, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 17, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 17, 2019	0.40	0.40	0.40	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 17, 2019	0.80	1.12	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jun 17, 2019	0.80	1.12	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 17, 2019	1.20	1.68	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 17, 2019	0.80	1.12	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 17, 2019	1.20	1.68	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jun 17, 2019	0.54	0.75	0.54	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 17, 2019	0.09	0.13	0.09	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 17, 2019	0.40	0.56	0.40	100.0%
18840831	533	421	MOORE	13132050	4	Jun 17, 2019	0.14	0.20	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Jun 17, 2019	0.58	0.81	0.58	100.0%
18840831	306	1200	MOORE	13132050	4	Jun 17, 2019	0.20	0.28	0.20	100.0%
18840831	2330	422	MOORE	13132050	4	Jun 17, 2019	0.50	0.70	0.50	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	0.50	0.70	0.50	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	0.44	0.61	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	0.40	0.56	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 17, 2019	3.20	4.47	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 17, 2019	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 17, 2019	0.40	0.43	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jun 17, 2019	1.76	2.46	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Jun 17, 2019	0.31	0.43	0.31	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 17, 2019	0.89	1.24	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 17, 2019	1.25	1.75	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Jun 17, 2019	0.58	0.81	0.58	100.0%

18841012	317	1460	SWAUGER	13127600	5	Jun 17, 2019	2.77	2.95	2.77	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jun 17, 2019	0.41	0.44	0.41	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 17, 2019	0.72	0.77	0.72	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 17, 2019	0.74	0.79	0.74	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 17, 2019	2.78	2.96	2.78	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 17, 2019	3.30	3.52	3.30	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 17, 2019	1.20	1.28	1.20	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 17, 2019	1.09	1.16	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jun 17, 2019	0.65	0.65	0.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 17, 2019	0.79	0.84	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 17, 2019	2.00	2.13	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 17, 2019	1.65	1.76	1.65	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 17, 2019	0.16	0.17	0.16	100.0%
18850501	426	887	ARCO	13132365	2	Jun 17, 2019	0.64	1.13	0.64	100.0%
18850501	423	87	ARCO	13132365	2	Jun 17, 2019	0.20	0.35	0.20	100.0%
18850501	468	59	ARCO	13132365	2	Jun 17, 2019	0.74	1.30	0.74	100.0%
18850501	423	186	ARCO	13132365	2	Jun 17, 2019	0.26	0.46	0.26	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 17, 2019	1.80	2.51	1.80	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 17, 2019	0.24	0.34	0.24	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 17, 2019	0.20	0.28	0.20	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 17, 2019	2.80	2.80	2.80	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	1.40	1.96	1.40	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	0.20	0.28	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 17, 2019	0.30	0.42	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 17, 2019	0.48	0.67	0.48	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 17, 2019	0.56	0.78	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 17, 2019	1.37	1.46	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 17, 2019	0.11	0.12	0.11	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 17, 2019	0.19	0.20	0.19	100.0%
18850530	484	1718	BURNETT	13127750	5	Jun 17, 2019	0.01	0.01	0.01	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 17, 2019	1.56	2.17	1.56	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 17, 2019	3.20	3.41	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jun 17, 2019	0.59	0.82	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 17, 2019	1.20	1.68	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 17, 2019	0.36	0.38	0.36	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 17, 2019	1.31	1.40	1.31	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 17, 2019	2.40	2.56	2.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 17, 2019	1.54	1.64	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 17, 2019	1.10	1.10	1.10	100.0%
18850601	544	2205	SHARP	13126500	6	Jun 17, 2019	0.80	0.80	0.80	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 17, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 17, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 17, 2019	1.54	1.64	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 17, 2019	3.60	6.34	3.60	100.0%
18851002	318	817	MUNSEY	13132375	2	Jun 17, 2019	0.80	1.41	0.80	100.0%
18851002	318	545	MUNSEY	13132375	2	Jun 17, 2019	0.75	1.32	0.75	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 17, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 17, 2019	1.60	2.24	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 17, 2019	2.80	3.91	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 17, 2019	1.20	1.68	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 17, 2019	4.56	6.37	4.56	100.0%
18860512	96	459	MOORE	13132050	4	Jun 17, 2019	0.48	0.67	0.48	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 17, 2019	0.01	0.01	0.01	100.0%
18860512	263	398	MOORE	13132050	4	Jun 17, 2019	0.18	0.25	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 17, 2019	0.18	0.25	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	1.77	2.47	1.77	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 17, 2019	0.08	0.11	0.08	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 17, 2019	2.40	3.35	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 17, 2019	0.20	0.28	0.20	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	1.24	1.73	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	1.00	1.40	1.00	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 17, 2019	1.60	1.71	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 17, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 17, 2019	0.80	0.80	0.80	100.0%

18860630	50	242	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	0.10	0.14	0.10	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	1.00	1.40	1.00	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	0.86	1.20	0.86	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 17, 2019	0.60	0.64	0.60	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 17, 2019	0.45	0.48	0.45	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 17, 2019	0.80	0.85	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jun 17, 2019	0.52	0.55	0.52	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 17, 2019	0.80	0.85	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 17, 2019	0.84	1.48	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 17, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 17, 2019	1.26	1.34	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 17, 2019	0.34	0.36	0.34	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 17, 2019	3.20	4.47	3.20	100.0%
18870302	618	1510	MOORE	13132050	4	Jun 17, 2019	1.60	2.24	1.60	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jun 17, 2019	0.80	1.12	0.80	100.0%
18870313	459	682	MOORE	13132050	4	Jun 17, 2019	0.65	0.91	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Jun 17, 2019	0.42	0.59	0.42	100.0%
18870313	70	337	MOORE	13132050	4	Jun 17, 2019	0.23	0.32	0.23	100.0%
18870313	433	683	MOORE	13132050	4	Jun 17, 2019	0.13	0.18	0.13	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 17, 2019	0.70	0.75	0.70	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 17, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 17, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 17, 2019	2.54	4.47	2.54	100.0%
18870601	423	76	ARCO	13132365	2	Jun 17, 2019	0.22	0.39	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 17, 2019	0.32	0.56	0.32	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jun 17, 2019	0.50	0.88	0.50	100.0%
18870601	19	892	MUNSEY	13132375	2	Jun 17, 2019	0.80	1.41	0.80	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 17, 2019	1.00	1.40	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 17, 2019	3.20	4.47	3.20	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 17, 2019	0.16	0.17	0.16	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 17, 2019	0.20	0.21	0.20	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 17, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 17, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 2	13123070	8	Jun 17, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 17, 2019	0.69	0.69	0.69	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 17, 2019	1.71	1.71	1.71	100.0%
18870630	236	1428	BECK	13130525	4	Jun 17, 2019	0.36	0.50	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 17, 2019	0.60	0.64	0.60	100.0%
18870801	119	1166	BURNETT	13127750	5	Jun 17, 2019	0.27	0.28	0.27	100.0%
18870831	119	1154	BURNETT	13127750	5	Jun 17, 2019	0.40	0.43	0.40	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 17, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 17, 2019	0.49	0.49	0.49	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 17, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 17, 2019	0.20	0.20	0.20	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 17, 2019	0.76	0.81	0.76	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jun 17, 2019	0.55	0.59	0.55	100.0%
18880601	347	1973	SHARP	13126500	6	Jun 17, 2019	0.89	0.89	0.89	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 17, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 17, 2019	0.34	0.34	0.34	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 17, 2019	0.86	0.86	0.86	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 17, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 17, 2019	0.40	0.70	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 17, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 17, 2019	0.73	0.73	0.73	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 17, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 17, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 17, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	KENT	13120605	9	Jun 17, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 17, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 17, 2019	0.83	0.83	0.83	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jun 17, 2019	0.76	0.81	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 17, 2019	1.12	1.57	1.12	100.0%
18890601	441	205	MOORE	13132050	4	Jun 17, 2019	0.97	1.36	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 17, 2019	0.50	0.70	0.50	100.0%

18890601	322	968	BURNETT	13127750	5	Jun 17, 2019	0.80	0.85	0.80	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 17, 2019	0.70	0.75	0.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 17, 2019	1.20	1.28	1.20	100.0%
18900601	426	756	ARCO	13132365	2	Jun 17, 2019	0.57	1.00	0.57	100.0%
18900601	372	886	ARCO	13132365	2	Jun 17, 2019	0.59	1.04	0.59	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 17, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 17, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 17, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 17, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 17, 2019	1.76	1.76	1.76	100.0%
18910630	205	2065	BECK	13130525	4	Jun 17, 2019	0.65	0.91	0.65	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 17, 2019	0.60	0.84	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jun 17, 2019	0.80	0.85	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 17, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 17, 2019	0.20	0.28	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jun 17, 2019	0.16	0.22	0.16	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 17, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 17, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jun 17, 2019	0.22	0.31	0.22	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 17, 2019	0.30	0.42	0.30	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 17, 2019	0.30	0.42	0.30	100.0%
18930323	77	366	MOORE	13132050	4	Jun 17, 2019	1.60	2.24	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jun 17, 2019	0.80	1.12	0.80	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 17, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	Jun 17, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	KENT	13120605	9	Jun 17, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 17, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 17, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 17, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 17, 2019	0.58	0.58	0.58	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 17, 2019	2.80	2.99	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 17, 2019	0.96	1.02	0.96	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 17, 2019	0.44	0.47	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 17, 2019	0.40	0.43	0.40	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 17, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 17, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 17, 2019	2.00	3.52	2.00	100.0%
18940601	417	379	MOORE	13132050	4	Jun 17, 2019	0.15	0.21	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	2.50	3.49	2.50	100.0%
18940601	284	229	SHARP	13126500	6	Jun 17, 2019	0.15	0.15	0.15	100.0%
18940601	2525	1904	SHARP	13126500	6	Jun 17, 2019	0.06	0.06	0.06	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 17, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 17, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 17, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jun 17, 2019	0.10	0.14	0.10	100.0%
18950601	242	212	MOORE	13132050	4	Jun 17, 2019	0.11	0.15	0.11	100.0%
18950601	180	1343	MOORE	13132050	4	Jun 17, 2019	0.80	1.12	0.80	100.0%
18950601	251	1342	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	0.74	1.03	0.74	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	0.80	1.12	0.80	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	0.40	0.56	0.40	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 17, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 17, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jun 17, 2019	1.74	2.43	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 17, 2019	1.60	1.71	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jun 17, 2019	0.25	0.35	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 17, 2019	3.20	3.20	3.20	100.0%
18960601	417	992	MOORE	13132050	4	Jun 17, 2019	1.20	1.68	1.20	100.0%
18960601	417	381	MOORE	13132050	4	Jun 17, 2019	2.40	3.35	2.40	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 17, 2019	0.40	0.56	0.40	100.0%
18960601	459	993	MOORE	13132050	4	Jun 17, 2019	0.40	0.56	0.40	100.0%
18960601	306	1695	MOORE	13132050	4	Jun 17, 2019	0.44	0.61	0.44	100.0%
18960601	263	399	MOORE	13132050	4	Jun 17, 2019	0.27	0.38	0.27	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 17, 2019	1.56	2.18	1.56	100.0%
18960601	263	397	MOORE	13132050	4	Jun 17, 2019	0.35	0.49	0.35	100.0%

18960601	2334	1495	MOORE	13132050	4	Jun 17, 2019	2.12	2.96	2.12	100.0%
18960601	441	207	MOORE	13132050	4	Jun 17, 2019	0.99	1.38	0.99	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 17, 2019	0.02	0.03	0.02	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 17, 2019	0.40	0.56	0.40	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 17, 2019	0.60	0.84	0.60	100.0%
18960601	402	876	MOORE	13132050	4	Jun 17, 2019	0.07	0.09	0.07	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 17, 2019	0.23	0.32	0.23	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 17, 2019	0.48	0.67	0.48	100.0%
18960601	96	457	MOORE	13132050	4	Jun 17, 2019	0.75	1.05	0.75	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 17, 2019	0.03	0.04	0.03	100.0%
18960601	533	424	MOORE	13132050	4	Jun 17, 2019	0.06	0.08	0.06	100.0%
18960601	144	1879	MOORE	13132050	4	Jun 17, 2019	0.94	1.31	0.94	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	0.04	0.05	0.04	100.0%
18960601	634	1547	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	0.06	0.08	0.06	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jun 17, 2019	0.50	0.70	0.50	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 17, 2019	6.40	6.40	6.40	100.0%
18960801	544	2206	SHARP	13126500	6	Jun 17, 2019	0.60	0.60	0.60	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 17, 2019	1.97	3.47	1.97	100.0%
18960928	90	46	MUNSEY	13132375	2	Jun 17, 2019	1.00	1.76	1.00	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 17, 2019	0.03	0.05	0.03	100.0%
18960928	15	80	MUNSEY	13132375	2	Jun 17, 2019	2.33	4.10	2.33	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 17, 2019	4.40	7.75	4.40	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 17, 2019	0.51	0.90	0.51	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jun 17, 2019	0.15	0.16	0.15	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 17, 2019	6.00	6.40	6.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 17, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jun 17, 2019	0.12	0.17	0.12	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 17, 2019	0.70	0.75	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jun 17, 2019	0.22	0.31	0.22	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 17, 2019	1.20	1.20	1.20	100.0%
18980601	634	1548	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	0.62	0.87	0.62	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	0.65	0.91	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jun 17, 2019	1.20	1.28	1.20	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 17, 2019	0.69	0.69	0.69	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 17, 2019	1.71	1.71	1.71	100.0%
18980901	268	562	ARCO	13132365	2	Jun 17, 2019	1.57	2.77	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 17, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 17, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	1.60	2.24	1.60	100.0%
18990327	180	468	MOORE	13132050	4	Jun 17, 2019	0.05	0.07	0.05	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 17, 2019	0.21	0.29	0.21	100.0%
18990327	113	584	MOORE	13132050	4	Jun 17, 2019	0.03	0.04	0.03	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 17, 2019	0.01	0.01	0.01	100.0%
18990327	14	2062	MOORE	13132050	4	Jun 17, 2019	0.01	0.01	0.01	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 17, 2019	2.72	4.79	2.72	100.0%
18990601	140	2071	MOORE	13132050	4	Jun 17, 2019	0.03	0.04	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jun 17, 2019	0.49	0.68	0.49	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 17, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 17, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 17, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 17, 2019	0.52	0.52	0.52	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 17, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 17, 2019	0.21	0.21	0.21	100.0%
19000924	318	543	MUNSEY	13132375	2	Jun 17, 2019	1.04	1.83	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 17, 2019	6.40	6.40	6.40	100.0%
19010722	665	1851	ARCO	13132365	2	Jun 17, 2019	0.15	0.26	0.15	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 17, 2019	0.30	0.30	0.30	100.0%
19010901	70	339	MOORE	13132050	4	Jun 17, 2019	0.12	0.17	0.12	100.0%
19010901	459	684	MOORE	13132050	4	Jun 17, 2019	0.35	0.49	0.35	100.0%
19010901	459	340	MOORE	13132050	4	Jun 17, 2019	0.23	0.32	0.23	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 17, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jun 17, 2019	0.12	0.17	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 17, 2019	1.31	2.31	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 17, 2019	2.60	2.60	2.60	100.0%

19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	0.20	0.28	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 17, 2019	0.31	0.43	0.31	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 17, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 17, 2019	0.90	0.90	0.90	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 17, 2019	1.60	1.60	1.60	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 17, 2019	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 17, 2019	2.40	2.40	2.40	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 17, 2019	0.60	0.60	0.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 17, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 17, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 17, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 17, 2019	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 17, 2019	2.00	2.00	2.00	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 17, 2019	2.70	3.77	2.70	100.0%
19020501	501	1325	Zollinger/No Tel	13123020	8	Jun 17, 2019	0.94	0.94	0.94	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 17, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 17, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 17, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 17, 2019	1.22	1.22	1.22	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 17, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 17, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 17, 2019	0.24	0.24	0.24	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 17, 2019	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 17, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 17, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 17, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 17, 2019	1.56	2.18	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 17, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 17, 2019	0.38	0.38	0.38	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 17, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 17, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 17, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 17, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 17, 2019	0.13	0.13	0.13	100.0%
19050501	59	2145	KENT	13120605	9	Jun 17, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	KENT	13120605	9	Jun 17, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 17, 2019	0.44	0.44	0.44	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 17, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 17, 2019	0.62	0.62	0.62	100.0%
19050501	59	784	BITTON	13120735	9	Jun 17, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 17, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 17, 2019	0.45	0.45	0.45	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 17, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 17, 2019	0.31	0.31	0.31	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 17, 2019	3.00	3.00	3.00	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 17, 2019	0.06	0.06	0.06	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 17, 2019	0.30	0.30	0.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 17, 2019	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 17, 2019	1.30	1.30	1.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 17, 2019	0.82	0.82	0.82	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 17, 2019	0.40	0.40	0.40	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 17, 2019	0.10	0.10	0.10	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 17, 2019	0.27	0.27	0.27	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 17, 2019	0.80	0.80	0.80	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 17, 2019	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 17, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 17, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 17, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jun 17, 2019	0.19	0.27	0.19	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 17, 2019	1.52	1.52	1.52	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 17, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 17, 2019	1.37	1.37	1.37	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 17, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	KENT	13120605	9	Jun 17, 2019	0.03	0.03	0.03	100.0%

19070711	59	2146	KENT	13120605	9	Jun 17, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	BITTON	13120735	9	Jun 17, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 17, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 17, 2019	0.55	0.55	0.55	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 17, 2019	1.96	2.09	1.96	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 17, 2019	0.50	0.70	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 17, 2019	0.33	0.46	0.33	100.0%
19081207	70	343	MOORE	13132050	4	Jun 17, 2019	0.17	0.24	0.17	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 17, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 17, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 17, 2019	2.76	2.76	2.76	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 17, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 17, 2019	0.09	0.09	0.09	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 17, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 17, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 17, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 17, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 17, 2019	4.30	4.30	4.30	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 17, 2019	2.80	2.80	2.80	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 17, 2019	2.10	2.10	2.10	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	0.13	0.18	0.13	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jun 17, 2019	0.02	0.03	0.02	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 17, 2019	0.82	0.82	0.82	100.0%
19140103	59	2233	KENT	13120605	9	Jun 17, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	KENT	13120605	9	Jun 17, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jun 17, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 17, 2019	0.04	0.04	0.04	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 17, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 17, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 17, 2019	0.80	0.80	0.80	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 17, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 17, 2019	0.11	0.11	0.11	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 17, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 17, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 17, 2019	2.70	2.70	2.70	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 17, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 17, 2019	0.88	0.88	0.88	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 17, 2019	0.78	0.78	0.78	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jun 17, 2019	0.47	0.47	0.47	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 17, 2019	4.16	4.16	4.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 17, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 17, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 17, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 17, 2019	0.50	0.70	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jun 17, 2019	0.44	0.61	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jun 17, 2019	0.11	0.15	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 17, 2019	4.90	6.85	4.90	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 17, 2019	16.00	28.18	15.91	99.4%
19810501	566	1684	MOORE	13132050	4	Jun 17, 2019	0.82	1.14	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 17, 2019	12.06	16.85	12.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 17, 2019	64.42	90.00	64.42	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 17, 2019	25.54	44.99	25.54	100.0%
19950411	476	1273	BECK	13130525	4	Jun 17, 2019	2.50	3.49	2.50	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 17, 2019	7.40	7.89	7.40	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 17, 2019	41.96	44.74	41.96	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 17, 2019	41.58	44.34	41.58	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 17, 2019	12.00	12.80	12.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 17, 2019	2.24	2.24	2.24	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 17, 2019	12.00	12.00	12.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 17, 2019	9969.40	9969.40	1082.83	10.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 18, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 18	1840.0	4.0	0.0	1844.0	0.00	1844.0	4.0	0.0	0.0	1840.0	0.0	0.0
9	Howell to Chilly	Jun 18	1383.0	141.4	0.0	-315.6	0.17	1528.4	135.5	6.0	0.0	1389.0	-6.0	0.0
8	Chilly to Reservoir	* Jun 18	1676.1	75.3	0.0	368.4	0.00	1896.9	69.6	5.7	0.0	1687.8	-11.7	0.0
	Connected													
7	Mackay Reservoir	* Jun 18	1511.5	0.0	0.0	0.0	0.00	1923.8	1067.5		0.0	620.3	891.2	0.0
6	Reservoir to 2B	Jun 18	1500.0	11.5	0.0	0.0	0.00	1896.9	11.4	0.1	0.0	608.9	891.1	0.0
5	2B to Leslie	Jun 18	1300.0	226.9	0.0	26.9	0.00	1923.8	210.8	16.1	0.0	424.9	875.1	0.0
4	Leslie to Moore	Jun 18	673.7	281.3	0.0	-345.0	0.27	1923.8	201.6	79.7	0.0	110.6	563.2	0.0
2	Moore to blw Munsey	Jun 18	387.0	91.0	0.0	-195.7	0.29	1923.8	78.4	12.6	0.0	0.0	387.0	0.0
1	Blw Munsey to Arco	Jun 18	385.0	0.0	0.0	-2.0	0.01	1923.8	0.0	0.0	0.0	0.0	385.0	0.0
							TOTAL		1778.9	120.2	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 18	0.0	0.0		20180101	11%
9	Howell to Chilly	Jun 18	0.0	0.0		20180101	11%
8	Chilly to Reservoir	Jun 18	0.0	0.0		20180101	11%
	Connected						
7	Mackay Reservoir	Jun 18	0.0	0.0		20180101	11%
6	Reservoir to 2B	Jun 18	0.0	0.0		20180101	11%
5	2B to Leslie	Jun 18	0.0	0.0		20180101	11%
4	Leslie to Moore	Jun 18	112.8	232.2		20180101	11%
2	Moore to blw Munsey	Jun 18	32.1	163.6		20180101	11%
1	Blw Munsey to Arco	Jun 18	0.0	2.0		20180101	11%
		TOTAL	144.9	397.8	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	311.0
2	18810630	1.7	294.0	165.2
3	18880601	3.2	556.5	311.0
4	18960601	6.4	1113.0	622.0
5	19020301	0.8	140.0	77.8
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	50332.2
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	95670.2

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
43020.0	43320.0	300.0	151.2	13.4

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	51819.2
Total Storage Loss	-26631.7
Total Storage Deliver	-10186.5
Total Evaporation	-553.5
Accounting Balance	43317.6
Current Res Content	43320.0
Storage Balance Error	-2.4

DAILY STORAGE BALANCE

43020.0	Reservoir Content Previous Day [ac-ft]
43320.0	Reservoir Content Current Day [ac-ft]
300.0	Physical Change in Storage [ac-ft]
2117.5	Storage Allocated to Mackay Reservoir [ac-ft]
-1552.7	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-232.2	Leslie to Moore [cfs]
-163.6	Moore blw Munsey [cfs]
-2.0	blw Munsey to Arco Gage [cfs]
-385.0	Past Arco Gage [cfs]
-238.3	Storage Delivered [ac-ft]
11.7	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
16.1	2B to Leslie [cfs]
79.7	Leslie to Moore [cfs]
12.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-26.5	Evaporation [ac-ft]
300.0	Accounting Change in Storage [ac-ft]
0.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1676.1	Gain in/above Mackay Reservoir [cfs]
26.9	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
1703.0	Total Available Natural Flow [cfs]
1067.5	Reservoir Rights Diverted [cfs]
144.9	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
112.8	Leslie to Moore [cfs]
32.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
490.5	Natural Flow Delivered [cfs]
-11.7	Above Reservoir Storage Use [cfs]
11.4	Reservoir to 2B [cfs]
210.8	2B to Leslie [cfs]
201.6	Leslie to Moore [cfs]
78.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1702.9	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	12.0	600
Eastside Felton Wier +	43.3	2165
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	55.3	2765
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.3	65
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.4	118
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	82.2	4112
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.4	168
Island Wanstrom David +	0.0	0
Eastside OUT	31.0	1550
Total Out	127.0	6351

Abbreviated Reach Delivery Factor 2.30
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 423.8%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 31.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 7.3 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 75.2%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 9.7 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 84.3 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 259.6%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 318.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 18, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	3.0	0.0	0.2	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.5	0.1	14.4
9	BITTON	7.0	0.0	0.2	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	8.0	1.3	36.2	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	31.1	3.3	256.2
9	Thalman Hunter D	3.0	0.5	34.6	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	76.8	1.4	637.3
9	NEILSEN	51.6	4.2	298.4	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	104.0	11.4	983.6
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	15.0	0.0	0.0
9	CHILLY	48.9	0.0	0.0	8	Broken River Pum	3.0	0.0	8.1	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	15.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	12.5	4.0	316.3
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	4.0	4.0	238.0
8	Donahue 1	0.8	0.7	76.5	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	2.5
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	158.7
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	162.5	12.9	2336.6
8	Mtn. Springs 1	5.0	5.0	288.2	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	84.3	56.6	4422.9
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	49.0	10.8	552.5
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	42.0	1.8	226.9
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	5.0	0.0	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	6.5	295.5	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 18, 2019	1.10	1.10	1.10	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 18, 2019	4.11	4.11	4.11	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 18, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 18, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 18, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 18, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 18, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 18, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 18, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jun 18, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 18, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 18, 2019	3.00	3.00	3.00	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 18, 2019	0.27	0.37	0.27	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 18, 2019	1.54	2.10	1.54	100.0%
18830601	221	855	MOORE	13132050	4	Jun 18, 2019	1.60	2.18	1.60	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 18, 2019	0.09	0.12	0.09	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 18, 2019	0.79	1.08	0.79	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 18, 2019	1.13	1.54	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 18, 2019	1.72	2.34	1.72	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 18, 2019	0.18	0.25	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 18, 2019	0.01	0.01	0.01	100.0%
18830810	263	393	MOORE	13132050	4	Jun 18, 2019	0.18	0.25	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jun 18, 2019	0.48	0.65	0.48	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 18, 2019	0.43	0.59	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 18, 2019	0.21	0.29	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 18, 2019	1.64	2.23	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 18, 2019	0.14	0.19	0.14	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 18, 2019	1.12	1.12	1.12	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 18, 2019	1.54	1.54	1.54	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 18, 2019	0.18	0.18	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 18, 2019	0.07	0.07	0.07	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 18, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 18, 2019	0.55	0.55	0.55	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 18, 2019	0.96	0.96	0.96	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 18, 2019	0.20	0.20	0.20	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jun 18, 2019	0.14	0.14	0.14	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 18, 2019	1.44	1.44	1.44	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 18, 2019	1.92	1.92	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 18, 2019	2.00	2.00	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 18, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 18, 2019	0.21	0.21	0.21	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 18, 2019	0.50	0.50	0.50	100.0%
18840422	347	938	SHARP	13126500	6	Jun 18, 2019	2.46	2.46	2.46	100.0%
18840422	544	2189	SHARP	13126500	6	Jun 18, 2019	1.00	1.00	1.00	100.0%
18840422	2525	1903	SHARP	13126500	6	Jun 18, 2019	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 18, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 18, 2019	0.12	0.12	0.12	100.0%
18840422	284	228	SHARP	13126500	6	Jun 18, 2019	0.13	0.13	0.13	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 18, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jun 18, 2019	1.00	1.36	1.00	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 18, 2019	1.23	1.23	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 18, 2019	1.60	1.60	1.60	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 18, 2019	0.77	0.77	0.77	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 18, 2019	0.80	0.80	0.80	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 18, 2019	0.40	0.40	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 18, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 18, 2019	1.00	1.00	1.00	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 18, 2019	0.17	0.23	0.17	100.0%
18840520	113	585	MOORE	13132050	4	Jun 18, 2019	0.11	0.15	0.11	100.0%

18840520	566	1782	MOORE	13132050	4	Jun 18, 2019	0.78	1.06	0.78	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 18, 2019	2.24	3.05	2.24	100.0%
18840520	180	470	MOORE	13132050	4	Jun 18, 2019	0.16	0.22	0.16	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 18, 2019	0.22	0.30	0.22	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 18, 2019	0.02	0.03	0.02	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 18, 2019	0.18	0.25	0.18	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 18, 2019	0.01	0.01	0.01	100.0%
18840520	96	451	MOORE	13132050	4	Jun 18, 2019	0.58	0.79	0.58	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 18, 2019	0.04	0.05	0.04	100.0%
18840520	156	2002	MOORE	13132050	4	Jun 18, 2019	0.38	0.52	0.38	100.0%
18840520	263	394	MOORE	13132050	4	Jun 18, 2019	0.22	0.30	0.22	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 18, 2019	1.60	2.18	1.60	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 18, 2019	0.11	0.15	0.11	100.0%
18840520	433	271	MOORE	13132050	4	Jun 18, 2019	0.54	0.74	0.54	100.0%
18840520	427	1	MOORE	13132050	4	Jun 18, 2019	1.12	1.52	1.12	100.0%
18840520	242	210	MOORE	13132050	4	Jun 18, 2019	0.21	0.29	0.21	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 18, 2019	0.01	0.01	0.01	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 18, 2019	0.80	1.09	0.80	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 18, 2019	0.50	0.68	0.50	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 18, 2019	0.80	1.09	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 18, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 18, 2019	0.40	0.40	0.40	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 18, 2019	0.54	0.74	0.54	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 18, 2019	1.28	1.74	1.28	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 18, 2019	0.09	0.12	0.09	100.0%
18840601	96	453	MOORE	13132050	4	Jun 18, 2019	0.21	0.29	0.21	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 18, 2019	0.01	0.01	0.01	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 18, 2019	0.08	0.11	0.08	100.0%
18840601	263	395	MOORE	13132050	4	Jun 18, 2019	0.08	0.11	0.08	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 18, 2019	0.16	0.22	0.16	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 18, 2019	0.37	0.37	0.37	100.0%
18840601	360	693	BURNETT	13127750	5	Jun 18, 2019	0.80	0.80	0.80	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 18, 2019	0.20	0.20	0.20	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 18, 2019	0.80	0.80	0.80	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 18, 2019	0.40	0.40	0.40	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 18, 2019	0.23	0.23	0.23	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 18, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jun 18, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 18, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 18, 2019	0.80	0.80	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 18, 2019	0.80	1.09	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 18, 2019	0.80	1.09	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jun 18, 2019	0.80	1.09	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 18, 2019	1.20	1.63	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jun 18, 2019	0.54	0.74	0.54	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 18, 2019	1.20	1.63	1.20	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 18, 2019	0.09	0.12	0.09	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 18, 2019	0.40	0.54	0.40	100.0%
18840831	533	421	MOORE	13132050	4	Jun 18, 2019	0.14	0.19	0.14	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 18, 2019	0.10	0.14	0.10	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 18, 2019	0.40	0.54	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 18, 2019	0.44	0.60	0.44	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 18, 2019	3.20	4.36	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 18, 2019	1.74	1.74	1.74	100.0%
18840914	360	68	BURNETT	13127750	5	Jun 18, 2019	0.50	0.50	0.50	100.0%
18841012	205	2067	BECK	13130525	4	Jun 18, 2019	1.76	2.40	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 18, 2019	0.89	1.21	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 18, 2019	1.25	1.70	1.25	100.0%
18841012	70	341	MOORE	13132050	4	Jun 18, 2019	0.31	0.42	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Jun 18, 2019	0.58	0.79	0.58	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jun 18, 2019	0.41	0.41	0.41	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 18, 2019	1.20	1.20	1.20	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 18, 2019	0.74	0.74	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 18, 2019	2.77	2.77	2.77	100.0%

18841012	524	11	SWAUGER	13127600	5	Jun 18, 2019	2.78	2.78	2.78	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 18, 2019	0.72	0.72	0.72	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 18, 2019	3.30	3.30	3.30	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 18, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jun 18, 2019	0.65	0.65	0.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 18, 2019	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 18, 2019	1.65	1.65	1.65	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 18, 2019	0.16	0.16	0.16	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 18, 2019	0.79	0.79	0.79	100.0%
18850501	426	887	ARCO	13132365	2	Jun 18, 2019	0.64	1.23	0.64	100.0%
18850501	423	186	ARCO	13132365	2	Jun 18, 2019	0.26	0.50	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Jun 18, 2019	0.20	0.38	0.20	100.0%
18850501	468	59	ARCO	13132365	2	Jun 18, 2019	0.74	1.42	0.74	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 18, 2019	1.80	2.45	1.80	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 18, 2019	0.20	0.27	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 18, 2019	0.24	0.33	0.24	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 18, 2019	0.10	0.10	0.10	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 18, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 18, 2019	0.20	0.27	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 18, 2019	0.30	0.41	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 18, 2019	0.48	0.65	0.48	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 18, 2019	0.56	0.76	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 18, 2019	1.00	1.00	1.00	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 18, 2019	1.56	2.12	1.56	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 18, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jun 18, 2019	0.59	0.80	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 18, 2019	1.20	1.63	1.20	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 18, 2019	2.40	2.40	2.40	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 18, 2019	0.36	0.36	0.36	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 18, 2019	1.31	1.31	1.31	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 18, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 18, 2019	1.10	1.10	1.10	100.0%
18850601	544	2205	SHARP	13126500	6	Jun 18, 2019	0.80	0.80	0.80	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 18, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 18, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 18, 2019	1.54	1.54	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 18, 2019	3.60	6.91	3.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 18, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 18, 2019	1.60	2.18	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 18, 2019	2.80	3.81	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 18, 2019	1.20	1.63	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 18, 2019	4.56	6.21	4.56	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 18, 2019	0.18	0.25	0.18	100.0%
18860512	263	398	MOORE	13132050	4	Jun 18, 2019	0.18	0.25	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 18, 2019	0.01	0.01	0.01	100.0%
18860512	96	459	MOORE	13132050	4	Jun 18, 2019	0.48	0.65	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 18, 2019	1.77	2.41	1.77	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 18, 2019	0.20	0.27	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 18, 2019	0.08	0.11	0.08	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 18, 2019	2.40	3.27	2.40	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 18, 2019	1.00	1.36	1.00	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 18, 2019	1.24	1.69	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 18, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 18, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 18, 2019	0.80	0.80	0.80	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jun 18, 2019	0.10	0.14	0.10	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 18, 2019	1.00	1.36	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 18, 2019	0.60	0.60	0.60	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 18, 2019	0.45	0.45	0.45	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 18, 2019	0.80	0.80	0.80	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 18, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 18, 2019	0.84	1.61	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 18, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 18, 2019	1.26	1.26	1.26	100.0%

18860914	490	1753	BURNETT	13127750	5	Jun 18, 2019	0.34	0.34	0.34	100.0%
18870302	618	1510	MOORE	13132050	4	Jun 18, 2019	1.60	2.18	1.60	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 18, 2019	3.20	4.36	3.20	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jun 18, 2019	0.80	1.09	0.80	100.0%
18870313	433	683	MOORE	13132050	4	Jun 18, 2019	0.13	0.18	0.13	100.0%
18870313	459	338	MOORE	13132050	4	Jun 18, 2019	0.42	0.57	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jun 18, 2019	0.65	0.88	0.65	100.0%
18870313	70	337	MOORE	13132050	4	Jun 18, 2019	0.23	0.31	0.23	100.0%
18870313	73	2029	BURNETT	13127750	5	Jun 18, 2019	0.55	0.55	0.55	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 18, 2019	1.05	1.05	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 18, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 18, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 18, 2019	2.54	4.87	2.54	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 18, 2019	0.32	0.61	0.32	100.0%
18870601	423	76	ARCO	13132365	2	Jun 18, 2019	0.22	0.42	0.22	100.0%
18870601	19	892	MUNSEY	13132375	2	Jun 18, 2019	0.80	1.53	0.80	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jun 18, 2019	0.50	0.96	0.50	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 18, 2019	1.00	1.36	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 18, 2019	3.20	4.36	3.20	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 18, 2019	0.16	0.16	0.16	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 18, 2019	0.20	0.20	0.20	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 18, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 18, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jun 18, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 18, 2019	0.51	0.51	0.51	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 18, 2019	1.90	1.90	1.90	100.0%
18870630	236	1428	BECK	13130525	4	Jun 18, 2019	0.36	0.49	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 18, 2019	0.60	0.60	0.60	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 18, 2019	0.71	0.71	0.71	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 18, 2019	0.27	0.27	0.27	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 18, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 18, 2019	0.20	0.20	0.20	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jun 18, 2019	1.50	2.04	1.50	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jun 18, 2019	0.55	0.55	0.55	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 18, 2019	0.76	0.76	0.76	100.0%
18880601	347	1973	SHARP	13126500	6	Jun 18, 2019	0.89	0.89	0.89	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 18, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 18, 2019	0.25	0.25	0.25	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 18, 2019	0.95	0.95	0.95	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 18, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 18, 2019	0.40	0.77	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 18, 2019	1.06	1.06	1.06	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 18, 2019	0.40	0.40	0.40	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 18, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 18, 2019	0.30	0.30	0.30	100.0%
18881101	59	2222	KENT	13120605	9	Jun 18, 2019	0.50	0.50	0.50	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 18, 2019	0.46	0.46	0.46	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 18, 2019	1.08	1.08	1.08	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 18, 2019	1.16	1.16	1.16	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jun 18, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 18, 2019	1.12	1.53	1.12	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 18, 2019	0.50	0.68	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jun 18, 2019	0.97	1.32	0.97	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 18, 2019	0.70	0.70	0.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 18, 2019	1.20	1.20	1.20	100.0%
18890601	322	968	BURNETT	13127750	5	Jun 18, 2019	0.80	0.80	0.80	100.0%
18900601	426	756	ARCO	13132365	2	Jun 18, 2019	0.57	1.09	0.57	100.0%
18900601	372	886	ARCO	13132365	2	Jun 18, 2019	0.59	1.13	0.59	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 18, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 18, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 18, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 18, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 18, 2019	0.24	0.24	0.24	100.0%
18910630	205	2065	BECK	13130525	4	Jun 18, 2019	0.65	0.88	0.65	100.0%

18910630	414	1849	MOORE	13132050	4	Jun 18, 2019	0.60	0.82	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jun 18, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 18, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 18, 2019	0.20	0.27	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jun 18, 2019	0.16	0.22	0.16	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 18, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 18, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 18, 2019	0.30	0.41	0.30	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 18, 2019	0.30	0.41	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 18, 2019	0.22	0.30	0.22	100.0%
18930323	77	688	MOORE	13132050	4	Jun 18, 2019	0.80	1.09	0.80	100.0%
18930323	77	366	MOORE	13132050	4	Jun 18, 2019	1.60	2.18	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 18, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 18, 2019	0.35	0.35	0.35	100.0%
18931101	59	2223	KENT	13120605	9	Jun 18, 2019	0.36	0.36	0.36	100.0%
18931101	59	1279	KENT	13120605	9	Jun 18, 2019	0.02	0.02	0.02	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 18, 2019	0.81	0.81	0.81	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 18, 2019	0.83	0.83	0.83	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 18, 2019	0.04	0.04	0.04	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 18, 2019	2.80	2.80	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 18, 2019	0.96	0.96	0.96	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 18, 2019	0.40	0.40	0.40	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 18, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 18, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 18, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 18, 2019	2.00	3.84	2.00	100.0%
18940601	417	379	MOORE	13132050	4	Jun 18, 2019	0.15	0.20	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 18, 2019	2.50	3.40	2.50	100.0%
18940601	2525	1904	SHARP	13126500	6	Jun 18, 2019	0.06	0.06	0.06	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 18, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jun 18, 2019	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 18, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 18, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jun 18, 2019	0.10	0.14	0.10	100.0%
18950601	180	1343	MOORE	13132050	4	Jun 18, 2019	0.80	1.09	0.80	100.0%
18950601	242	212	MOORE	13132050	4	Jun 18, 2019	0.11	0.15	0.11	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 18, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 18, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jun 18, 2019	1.74	2.37	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 18, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jun 18, 2019	0.25	0.34	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 18, 2019	3.20	3.20	3.20	100.0%
18960601	263	399	MOORE	13132050	4	Jun 18, 2019	0.27	0.37	0.27	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 18, 2019	0.03	0.04	0.03	100.0%
18960601	96	457	MOORE	13132050	4	Jun 18, 2019	0.75	1.02	0.75	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 18, 2019	0.40	0.54	0.40	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 18, 2019	0.60	0.82	0.60	100.0%
18960601	263	397	MOORE	13132050	4	Jun 18, 2019	0.35	0.48	0.35	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 18, 2019	0.02	0.03	0.02	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 18, 2019	0.48	0.65	0.48	100.0%
18960601	459	993	MOORE	13132050	4	Jun 18, 2019	0.40	0.54	0.40	100.0%
18960601	533	424	MOORE	13132050	4	Jun 18, 2019	0.06	0.08	0.06	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 18, 2019	1.56	2.12	1.56	100.0%
18960601	441	207	MOORE	13132050	4	Jun 18, 2019	0.99	1.35	0.99	100.0%
18960601	417	992	MOORE	13132050	4	Jun 18, 2019	1.20	1.63	1.20	100.0%
18960601	417	381	MOORE	13132050	4	Jun 18, 2019	2.40	3.27	2.40	100.0%
18960601	144	1879	MOORE	13132050	4	Jun 18, 2019	0.94	1.28	0.94	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 18, 2019	0.40	0.54	0.40	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 18, 2019	0.23	0.31	0.23	100.0%
18960601	402	876	MOORE	13132050	4	Jun 18, 2019	0.07	0.09	0.07	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 18, 2019	2.12	2.89	2.12	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 18, 2019	0.04	0.05	0.04	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jun 18, 2019	0.50	0.68	0.50	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 18, 2019	6.40	6.40	6.40	100.0%

18960801	327	1137	MUNSEY	13132375	2	Jun 18, 2019	2.00	3.84	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jun 18, 2019	0.60	0.60	0.60	100.0%
18960928	15	80	MUNSEY	13132375	2	Jun 18, 2019	2.33	4.47	2.33	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 18, 2019	0.51	0.98	0.51	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 18, 2019	0.03	0.06	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 18, 2019	1.97	3.78	1.97	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 18, 2019	4.40	8.44	4.40	100.0%
18960928	90	46	MUNSEY	13132375	2	Jun 18, 2019	1.00	1.92	1.00	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 18, 2019	6.00	6.00	6.00	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jun 18, 2019	1.15	1.15	1.15	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 18, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 18, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jun 18, 2019	0.22	0.30	0.22	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 18, 2019	1.20	1.20	1.20	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 18, 2019	0.65	0.88	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jun 18, 2019	1.20	1.20	1.20	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 18, 2019	0.51	0.51	0.51	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 18, 2019	1.90	1.90	1.90	100.0%
18980901	268	562	ARCO	13132365	2	Jun 18, 2019	1.57	3.01	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 18, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 18, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jun 18, 2019	1.60	2.18	1.60	100.0%
18990327	113	584	MOORE	13132050	4	Jun 18, 2019	0.03	0.04	0.03	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 18, 2019	0.01	0.01	0.01	100.0%
18990327	180	468	MOORE	13132050	4	Jun 18, 2019	0.05	0.07	0.05	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 18, 2019	0.21	0.28	0.21	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 18, 2019	2.72	5.22	2.72	100.0%
18990601	180	2110	MOORE	13132050	4	Jun 18, 2019	0.49	0.67	0.49	100.0%
18990601	140	2071	MOORE	13132050	4	Jun 18, 2019	0.03	0.04	0.03	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 18, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 18, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 18, 2019	0.75	0.75	0.75	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 18, 2019	0.28	0.28	0.28	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 18, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 18, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 18, 2019	6.40	6.40	6.40	100.0%
19010722	665	1851	ARCO	13132365	2	Jun 18, 2019	0.15	0.28	0.15	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 18, 2019	0.30	0.30	0.30	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 18, 2019	3.20	3.20	3.20	100.0%
19010901	70	339	MOORE	13132050	4	Jun 18, 2019	0.12	0.16	0.12	100.0%
19010901	459	684	MOORE	13132050	4	Jun 18, 2019	0.35	0.48	0.35	100.0%
19010901	459	340	MOORE	13132050	4	Jun 18, 2019	0.23	0.31	0.23	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 18, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jun 18, 2019	0.12	0.16	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 18, 2019	1.31	2.51	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 18, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 18, 2019	0.20	0.27	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 18, 2019	0.31	0.42	0.31	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 18, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 18, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 18, 2019	0.60	0.60	0.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 18, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 18, 2019	1.60	1.60	1.60	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 18, 2019	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 18, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 18, 2019	3.40	3.40	3.40	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 18, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 18, 2019	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 18, 2019	6.16	6.16	6.16	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 18, 2019	2.70	3.68	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jun 18, 2019	2.00	2.00	2.00	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 18, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 18, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jun 18, 2019	2.00	2.00	2.00	100.0%

19020601	279	2126	Anderson	13120745	9	Jun 18, 2019	1.77	1.77	1.77	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 18, 2019	0.66	0.66	0.66	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 18, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 18, 2019	0.24	0.24	0.24	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 18, 2019	0.49	0.49	0.49	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 18, 2019	0.40	0.40	0.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 18, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 18, 2019	0.35	0.35	0.35	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 18, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 18, 2019	1.56	2.12	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 18, 2019	0.55	0.55	0.55	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 18, 2019	0.21	0.21	0.21	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 18, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 18, 2019	0.34	0.34	0.34	100.0%
19040620	483	1514	CHILLY	13121105	9	Jun 18, 2019	0.04	0.04	0.04	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 18, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 18, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 18, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jun 18, 2019	0.01	0.01	0.01	100.0%
19050501	59	2145	KENT	13120605	9	Jun 18, 2019	0.27	0.27	0.27	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 18, 2019	0.26	0.26	0.26	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 18, 2019	0.61	0.61	0.61	100.0%
19050501	59	784	BITTON	13120735	9	Jun 18, 2019	0.03	0.03	0.03	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 18, 2019	0.62	0.62	0.62	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 18, 2019	0.44	0.44	0.44	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 18, 2019	0.17	0.17	0.17	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 18, 2019	0.12	0.12	0.12	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 18, 2019	1.30	1.30	1.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 18, 2019	0.10	0.10	0.10	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 18, 2019	0.40	0.40	0.40	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 18, 2019	0.65	0.65	0.65	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 18, 2019	0.30	0.30	0.30	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 18, 2019	0.27	0.27	0.27	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 18, 2019	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 18, 2019	0.82	0.82	0.82	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 18, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 18, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 18, 2019	0.80	0.80	0.80	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 18, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 18, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jun 18, 2019	0.19	0.26	0.19	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 18, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 18, 2019	1.37	1.37	1.37	100.0%
19070711	59	2146	KENT	13120605	9	Jun 18, 2019	0.33	0.33	0.33	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 18, 2019	0.32	0.32	0.32	100.0%
19070711	59	786	KENT	13120605	9	Jun 18, 2019	0.02	0.02	0.02	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 18, 2019	0.74	0.74	0.74	100.0%
19070711	59	786	BITTON	13120735	9	Jun 18, 2019	0.04	0.04	0.04	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 18, 2019	0.76	0.76	0.76	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 18, 2019	1.96	1.96	1.96	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 18, 2019	0.50	0.68	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 18, 2019	0.33	0.45	0.33	100.0%
19081207	70	343	MOORE	13132050	4	Jun 18, 2019	0.17	0.23	0.17	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jun 18, 2019	0.82	0.82	0.82	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 18, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 18, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 18, 2019	2.40	2.40	2.40	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 18, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 18, 2019	0.19	0.19	0.19	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 18, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 18, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 18, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 18, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 18, 2019	1.30	1.30	1.30	100.0%

19121014	403	813	NEILSEN	13120805	9	Jun 18, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 18, 2019	2.20	2.20	2.20	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 18, 2019	0.13	0.18	0.13	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jun 18, 2019	0.02	0.03	0.02	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 18, 2019	1.60	1.60	1.60	100.0%
19140103	2610	2092	KENT	13120605	9	Jun 18, 2019	0.11	0.11	0.11	100.0%
19140103	2610	2092	BITTON	13120735	9	Jun 18, 2019	0.26	0.26	0.26	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 18, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 18, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 18, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 18, 2019	0.02	0.02	0.02	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 18, 2019	0.16	0.16	0.16	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 18, 2019	0.06	0.06	0.06	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 18, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 18, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 18, 2019	1.30	1.30	1.30	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 18, 2019	1.28	1.28	1.28	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 18, 2019	0.48	0.48	0.48	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 18, 2019	0.67	0.67	0.67	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jun 18, 2019	0.52	0.52	0.52	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 18, 2019	4.16	4.16	4.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 18, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 18, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 18, 2019	0.50	0.68	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jun 18, 2019	0.44	0.60	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jun 18, 2019	0.11	0.15	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 18, 2019	4.90	6.67	4.90	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 18, 2019	3.70	7.10	3.70	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 18, 2019	16.00	30.70	16.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 18, 2019	0.82	1.11	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 18, 2019	8.06	10.97	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 18, 2019	68.56	93.33	68.56	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 18, 2019	25.54	49.00	25.54	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jun 18, 2019	1.00	1.92	1.00	100.0%
19950411	476	1273	BECK	13130525	4	Jun 18, 2019	2.50	3.40	2.50	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 18, 2019	10.50	10.50	10.50	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 18, 2019	48.18	48.18	48.18	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 18, 2019	54.78	54.78	54.78	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 18, 2019	15.00	15.00	15.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 18, 2019	2.14	2.14	2.14	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jun 18, 2019	3.00	3.00	3.00	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 18, 2019	10.00	10.00	10.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 18, 2019	9969.40	9969.40	1052.24	10.6%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 19, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 19	1830.0	4.0	0.0	1834.0	0.00	1834.0	4.0	0.0	0.0	1830.0	0.0	0.0
9	Howell to Chilly	Jun 19	1366.0	141.4	0.0	-322.6	0.18	1511.4	135.5	6.0	0.0	1372.0	-6.0	0.0
8	Chilly to Reservoir	* Jun 19	1616.1	75.3	0.0	325.4	0.00	1836.8	69.6	5.7	0.0	1627.7	-11.7	0.0
	Connected													
7	Mackay Reservoir	* Jun 19	1431.2	0.0	0.0	0.0	0.00	1929.8	1138.3		0.0	489.5	941.7	0.0
6	Reservoir to 2B	Jun 19	1420.0	11.2	0.0	0.0	0.00	1836.8	11.1	0.1	0.0	478.4	941.6	0.0
5	2B to Leslie	Jun 19	1290.0	223.0	0.0	93.0	0.00	1929.8	201.8	21.2	0.0	369.6	920.4	0.0
4	Leslie to Moore	Jun 19	763.4	261.3	0.0	-265.3	0.21	1929.8	178.3	82.9	0.0	115.2	648.2	0.0
2	Moore to blw Munsey	Jun 19	435.0	90.0	0.0	-238.4	0.31	1929.8	79.2	10.8	0.0	0.0	435.0	0.0
1	Blw Munsey to Arco	Jun 19	445.0	0.0	0.0	10.0	0.00	1939.8	0.0	0.0	0.0	10.0	435.0	0.0
								TOTAL	1817.8	126.7	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 19	0.0	0.0		20180101	11%
9	Howell to Chilly	Jun 19	0.0	0.0		20180101	11%
8	Chilly to Reservoir	Jun 19	0.0	0.0		20180101	11%
	Connected						
7	Mackay Reservoir	Jun 19	0.0	0.0		20180101	11%
6	Reservoir to 2B	Jun 19	0.0	0.0		20180101	11%
5	2B to Leslie	Jun 19	0.0	0.0		20180101	11%
4	Leslie to Moore	Jun 19	76.0	189.3		20180101	11%
2	Moore to blw Munsey	Jun 19	36.0	202.4		20180101	11%
1	Blw Munsey to Arco	Jun 19	0.0	0.0		20180101	11%
		TOTAL	112.0	391.7	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	317.4
2	18810630	1.7	294.0	168.6
3	18880601	3.2	556.5	317.4
4	18960601	6.4	1113.0	634.7
5	19020301	0.8	140.0	79.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	52559.6
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	97928.0

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
43320.0	43650.0	330.0	166.4	18.5

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	54077.0
Total Storage Loss	-28271.5
Total Storage Deliver	-10437.8
Total Evaporation	-590.1
Accounting Balance	43647.5
Current Res Content	43650.0
Storage Balance Error	-2.5

DAILY STORAGE BALANCE

43320.0	Reservoir Content Previous Day [ac-ft]
43650.0	Reservoir Content Current Day [ac-ft]
330.0	Physical Change in Storage [ac-ft]
2257.7	Storage Allocated to Mackay Reservoir [ac-ft]
-1639.8	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-189.3	Leslie to Moore [cfs]
-202.4	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-435.0	Past Arco Gage [cfs]
-251.2	Storage Delivered [ac-ft]
11.7	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
21.2	2B to Leslie [cfs]
82.9	Leslie to Moore [cfs]
10.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-36.7	Evaporation [ac-ft]
330.0	Accounting Change in Storage [ac-ft]
0.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1616.1	Gain in/above Mackay Reservoir [cfs]
93.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
10.0	Gain in Reach 1: Munsey to Arco [cfs]
1719.1	Total Available Natural Flow [cfs]
1138.3	Reservoir Rights Diverted [cfs]
122.0	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
76.0	Leslie to Moore [cfs]
36.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
10.0	Natural Flow Past Arco Gage [cfs]
458.7	Natural Flow Delivered [cfs]
-11.7	Above Reservoir Storage Use [cfs]
11.1	Reservoir to 2B [cfs]
201.8	2B to Leslie [cfs]
178.3	Leslie to Moore [cfs]
79.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1719.0	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	13.0	650
Eastside Felton Wier +	48.0	2400
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	61.0	3050
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.3	65
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.4	118
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	88.2	4412
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.4	168
Island Wanstrom David +	0.0	0
Eastside OUT	36.0	1800
Total Out	138.0	6901

Abbreviated Reach Delivery Factor 2.26
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 412.1%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 36.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 8.7 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 76.4%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 11.4 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 88.6 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 260.6%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 314.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 19, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	3.0	0.0	0.2	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.2	0.1	14.6
9	BITTON	7.0	0.0	0.2	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	8.0	1.3	38.8	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	30.0	3.3	262.7
9	Thalman Hunter D	3.0	0.5	35.6	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	76.0	6.1	649.4
9	NEILSEN	51.6	4.2	306.7	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	102.0	11.8	1007.1
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	15.0	0.0	0.0
9	CHILLY	48.9	0.0	0.0	8	Broken River Pum	3.0	0.0	8.1	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	15.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	13.0	4.0	324.3
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	4.0	4.0	246.0
8	Donahue 1	0.8	0.7	77.9	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.0	2.5
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	162.6
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	137.7	12.0	2360.4
8	Mtn. Springs 1	5.0	5.0	298.1	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	88.6	60.9	4543.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	51.0	10.8	573.9
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	39.0	0.0	226.9
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	5.0	0.0	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	6.5	308.4	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 19, 2019	1.10	1.10	1.10	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 19, 2019	4.11	4.11	4.11	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 19, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 19, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 19, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 19, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 19, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 19, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 19, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jun 19, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 19, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 19, 2019	3.00	3.00	3.00	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 19, 2019	1.54	1.94	1.54	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 19, 2019	0.09	0.11	0.09	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 19, 2019	0.79	0.99	0.79	100.0%
18830601	221	855	MOORE	13132050	4	Jun 19, 2019	1.60	2.01	1.60	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 19, 2019	0.27	0.34	0.27	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 19, 2019	1.13	1.42	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 19, 2019	1.72	2.17	1.72	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 19, 2019	0.01	0.01	0.01	100.0%
18830810	263	393	MOORE	13132050	4	Jun 19, 2019	0.18	0.23	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 19, 2019	0.18	0.23	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jun 19, 2019	0.48	0.60	0.48	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 19, 2019	0.43	0.54	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 19, 2019	0.21	0.27	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 19, 2019	1.64	2.06	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 19, 2019	0.14	0.18	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 19, 2019	2.50	2.50	2.50	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 19, 2019	1.12	1.12	1.12	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 19, 2019	0.18	0.18	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 19, 2019	0.07	0.07	0.07	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jun 19, 2019	0.14	0.14	0.14	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 19, 2019	1.63	1.63	1.63	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 19, 2019	2.17	2.17	2.17	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 19, 2019	1.00	1.00	1.00	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 19, 2019	0.20	0.20	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 19, 2019	0.96	0.96	0.96	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 19, 2019	0.55	0.55	0.55	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 19, 2019	2.00	2.00	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 19, 2019	0.79	0.79	0.79	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 19, 2019	0.50	0.50	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 19, 2019	1.92	1.92	1.92	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 19, 2019	0.21	0.21	0.21	100.0%
18840422	544	2189	SHARP	13126500	6	Jun 19, 2019	1.00	1.00	1.00	100.0%
18840422	284	228	SHARP	13126500	6	Jun 19, 2019	0.13	0.13	0.13	100.0%
18840422	2525	1903	SHARP	13126500	6	Jun 19, 2019	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 19, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 19, 2019	0.12	0.12	0.12	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 19, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jun 19, 2019	1.00	1.26	1.00	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 19, 2019	0.77	0.77	0.77	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 19, 2019	0.80	0.80	0.80	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 19, 2019	1.23	1.23	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 19, 2019	1.60	1.60	1.60	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 19, 2019	0.40	0.40	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 19, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 19, 2019	1.00	1.00	1.00	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 19, 2019	0.18	0.23	0.18	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 19, 2019	0.78	0.98	0.78	100.0%

18840520	113	585	MOORE	13132050	4	Jun 19, 2019	0.11	0.14	0.11	100.0%
18840520	242	210	MOORE	13132050	4	Jun 19, 2019	0.21	0.26	0.21	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 19, 2019	0.50	0.63	0.50	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 19, 2019	0.11	0.14	0.11	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 19, 2019	0.80	1.01	0.80	100.0%
18840520	96	451	MOORE	13132050	4	Jun 19, 2019	0.58	0.73	0.58	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 19, 2019	2.24	2.82	2.24	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 19, 2019	0.04	0.05	0.04	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 19, 2019	0.01	0.01	0.01	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 19, 2019	0.22	0.28	0.22	100.0%
18840520	263	394	MOORE	13132050	4	Jun 19, 2019	0.22	0.28	0.22	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 19, 2019	1.60	2.01	1.60	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 19, 2019	0.02	0.03	0.02	100.0%
18840520	427	1	MOORE	13132050	4	Jun 19, 2019	1.12	1.41	1.12	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 19, 2019	0.17	0.21	0.17	100.0%
18840520	433	271	MOORE	13132050	4	Jun 19, 2019	0.54	0.68	0.54	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 19, 2019	0.01	0.01	0.01	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 19, 2019	0.80	1.01	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 19, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 19, 2019	0.40	0.40	0.40	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 19, 2019	1.28	1.61	1.28	100.0%
18840601	263	395	MOORE	13132050	4	Jun 19, 2019	0.08	0.10	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Jun 19, 2019	0.21	0.26	0.21	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 19, 2019	0.08	0.10	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 19, 2019	0.54	0.68	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 19, 2019	0.09	0.11	0.09	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 19, 2019	0.01	0.01	0.01	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 19, 2019	0.16	0.20	0.16	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 19, 2019	0.23	0.23	0.23	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 19, 2019	0.37	0.37	0.37	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 19, 2019	0.20	0.20	0.20	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 19, 2019	0.80	0.80	0.80	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 19, 2019	0.20	0.20	0.20	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 19, 2019	0.40	0.40	0.40	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 19, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jun 19, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 19, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 19, 2019	0.40	0.40	0.40	100.0%
18840715	133	324	MOORE	13132050	4	Jun 19, 2019	0.54	0.68	0.54	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 19, 2019	0.80	1.01	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 19, 2019	0.80	1.01	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 19, 2019	1.20	1.51	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jun 19, 2019	0.80	1.01	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 19, 2019	1.20	1.51	1.20	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 19, 2019	0.40	0.50	0.40	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 19, 2019	0.09	0.11	0.09	100.0%
18840831	533	421	MOORE	13132050	4	Jun 19, 2019	0.14	0.18	0.14	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 19, 2019	0.40	0.50	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 19, 2019	0.10	0.13	0.10	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 19, 2019	0.44	0.55	0.44	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 19, 2019	3.20	4.03	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 19, 2019	1.74	1.74	1.74	100.0%
18841012	205	2067	BECK	13130525	4	Jun 19, 2019	1.76	2.22	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 19, 2019	0.89	1.12	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 19, 2019	1.25	1.57	1.25	100.0%
18841012	70	341	MOORE	13132050	4	Jun 19, 2019	0.31	0.39	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Jun 19, 2019	0.58	0.73	0.58	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 19, 2019	3.30	3.30	3.30	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 19, 2019	2.78	2.78	2.78	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 19, 2019	1.20	1.20	1.20	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 19, 2019	0.74	0.74	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 19, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 19, 2019	0.72	0.72	0.72	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 19, 2019	1.09	1.09	1.09	100.0%

18850218	47	1383	DARLINGTON	13127735	5	Jun 19, 2019	2.00	2.00	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 19, 2019	0.79	0.79	0.79	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jun 19, 2019	0.23	0.23	0.23	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 19, 2019	1.65	1.65	1.65	100.0%
18850501	423	186	ARCO	13132365	2	Jun 19, 2019	0.26	0.48	0.26	100.0%
18850501	426	887	ARCO	13132365	2	Jun 19, 2019	0.64	1.17	0.64	100.0%
18850501	468	59	ARCO	13132365	2	Jun 19, 2019	0.74	1.35	0.74	100.0%
18850501	423	87	ARCO	13132365	2	Jun 19, 2019	0.20	0.37	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 19, 2019	0.24	0.30	0.24	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 19, 2019	0.20	0.25	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 19, 2019	1.80	2.27	1.80	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 19, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 19, 2019	0.10	0.10	0.10	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 19, 2019	0.20	0.25	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 19, 2019	0.30	0.38	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 19, 2019	0.48	0.60	0.48	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 19, 2019	0.56	0.70	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 19, 2019	1.00	1.00	1.00	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 19, 2019	1.56	1.96	1.56	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 19, 2019	2.55	2.55	2.55	100.0%
18850601	205	2064	BECK	13130525	4	Jun 19, 2019	0.59	0.74	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 19, 2019	1.20	1.51	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 19, 2019	0.36	0.36	0.36	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 19, 2019	1.31	1.31	1.31	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 19, 2019	2.40	2.40	2.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 19, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jun 19, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 19, 2019	1.10	1.10	1.10	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 19, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 19, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 19, 2019	1.54	1.54	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 19, 2019	3.60	6.59	3.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 19, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 19, 2019	1.60	2.01	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jun 19, 2019	1.20	1.51	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 19, 2019	2.80	3.52	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 19, 2019	4.56	5.74	4.56	100.0%
18860512	96	459	MOORE	13132050	4	Jun 19, 2019	0.48	0.60	0.48	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 19, 2019	0.01	0.01	0.01	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 19, 2019	0.18	0.23	0.18	100.0%
18860512	263	398	MOORE	13132050	4	Jun 19, 2019	0.18	0.23	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 19, 2019	1.77	2.23	1.77	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 19, 2019	2.40	3.02	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 19, 2019	0.20	0.25	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 19, 2019	0.08	0.10	0.08	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 19, 2019	1.00	1.26	1.00	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 19, 2019	1.24	1.56	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 19, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 19, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 19, 2019	0.80	0.80	0.80	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jun 19, 2019	0.10	0.13	0.10	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 19, 2019	1.00	1.26	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 19, 2019	0.60	0.60	0.60	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 19, 2019	0.45	0.45	0.45	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 19, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 19, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 19, 2019	0.84	1.54	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 19, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 19, 2019	0.20	0.20	0.20	100.0%
18870302	618	1510	MOORE	13132050	4	Jun 19, 2019	1.60	2.01	1.60	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 19, 2019	3.20	4.03	3.20	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jun 19, 2019	0.80	1.01	0.80	100.0%
18870313	70	337	MOORE	13132050	4	Jun 19, 2019	0.23	0.29	0.23	100.0%
18870313	459	682	MOORE	13132050	4	Jun 19, 2019	0.65	0.82	0.65	100.0%

18870313	459	338	MOORE	13132050	4	Jun 19, 2019	0.42	0.53	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Jun 19, 2019	0.13	0.16	0.13	100.0%
18870313	73	2029	BURNETT	13127750	5	Jun 19, 2019	0.65	0.65	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 19, 2019	1.05	1.05	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 19, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 19, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 19, 2019	2.54	4.65	2.54	100.0%
18870601	423	76	ARCO	13132365	2	Jun 19, 2019	0.22	0.40	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 19, 2019	1.22	2.23	1.22	100.0%
18870601	19	892	MUNSEY	13132375	2	Jun 19, 2019	0.80	1.46	0.80	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jun 19, 2019	0.50	0.92	0.50	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 19, 2019	1.00	1.26	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 19, 2019	3.20	4.03	3.20	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 19, 2019	0.16	0.16	0.16	100.0%
18870601	73	2022	BURNETT	13127750	5	Jun 19, 2019	0.08	0.08	0.08	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 19, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 19, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jun 19, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 19, 2019	0.51	0.51	0.51	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 19, 2019	1.90	1.90	1.90	100.0%
18870630	236	1428	BECK	13130525	4	Jun 19, 2019	0.36	0.45	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 19, 2019	0.60	0.60	0.60	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 19, 2019	0.71	0.71	0.71	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 19, 2019	0.27	0.27	0.27	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 19, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 19, 2019	0.43	0.43	0.43	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jun 19, 2019	1.50	1.89	1.50	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 19, 2019	0.76	0.76	0.76	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 19, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 19, 2019	0.25	0.25	0.25	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 19, 2019	0.95	0.95	0.95	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 19, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 19, 2019	0.40	0.73	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 19, 2019	1.06	1.06	1.06	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 19, 2019	0.40	0.40	0.40	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 19, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 19, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	KENT	13120605	9	Jun 19, 2019	0.50	0.50	0.50	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 19, 2019	0.46	0.46	0.46	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 19, 2019	1.16	1.16	1.16	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 19, 2019	1.08	1.08	1.08	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jun 19, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 19, 2019	1.12	1.41	1.12	100.0%
18890601	441	205	MOORE	13132050	4	Jun 19, 2019	0.97	1.22	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 19, 2019	0.50	0.63	0.50	100.0%
18890601	322	968	BURNETT	13127750	5	Jun 19, 2019	0.80	0.80	0.80	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 19, 2019	0.70	0.70	0.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 19, 2019	1.20	1.20	1.20	100.0%
18900601	372	886	ARCO	13132365	2	Jun 19, 2019	0.59	1.08	0.59	100.0%
18900601	426	756	ARCO	13132365	2	Jun 19, 2019	0.57	1.04	0.57	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 19, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 19, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 19, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 19, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 19, 2019	1.76	1.76	1.76	100.0%
18910630	205	2065	BECK	13130525	4	Jun 19, 2019	0.65	0.82	0.65	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 19, 2019	0.60	0.76	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jun 19, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 19, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 19, 2019	0.20	0.25	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jun 19, 2019	0.16	0.20	0.16	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 19, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 19, 2019	1.45	1.45	1.45	100.0%
18930201	158	538	MOORE	13132050	4	Jun 19, 2019	0.03	0.04	0.03	100.0%

18930201	459	1423	MOORE	13132050	4	Jun 19, 2019	0.30	0.38	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 19, 2019	0.22	0.28	0.22	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 19, 2019	0.30	0.38	0.30	100.0%
18930323	77	366	MOORE	13132050	4	Jun 19, 2019	1.60	2.01	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jun 19, 2019	0.80	1.01	0.80	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 19, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	Jun 19, 2019	0.36	0.36	0.36	100.0%
18931101	59	1279	KENT	13120605	9	Jun 19, 2019	0.02	0.02	0.02	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 19, 2019	0.35	0.35	0.35	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 19, 2019	0.83	0.83	0.83	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 19, 2019	0.81	0.81	0.81	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 19, 2019	0.04	0.04	0.04	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 19, 2019	0.40	0.40	0.40	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 19, 2019	0.44	0.44	0.44	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 19, 2019	0.96	0.96	0.96	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 19, 2019	2.80	2.80	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 19, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 19, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 19, 2019	2.00	3.66	2.00	100.0%
18940601	158	536	MOORE	13132050	4	Jun 19, 2019	0.02	0.03	0.02	100.0%
18940601	417	379	MOORE	13132050	4	Jun 19, 2019	0.15	0.19	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 19, 2019	2.50	3.15	2.50	100.0%
18940601	284	229	SHARP	13126500	6	Jun 19, 2019	0.15	0.15	0.15	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 19, 2019	0.08	0.08	0.08	100.0%
18940601	2525	1904	SHARP	13126500	6	Jun 19, 2019	0.06	0.06	0.06	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 19, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 19, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jun 19, 2019	0.10	0.13	0.10	100.0%
18950601	158	534	MOORE	13132050	4	Jun 19, 2019	0.01	0.01	0.01	100.0%
18950601	242	212	MOORE	13132050	4	Jun 19, 2019	0.11	0.14	0.11	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 19, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 19, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jun 19, 2019	1.74	2.19	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 19, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jun 19, 2019	0.25	0.32	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 19, 2019	3.20	3.20	3.20	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 19, 2019	1.56	1.96	1.56	100.0%
18960601	96	457	MOORE	13132050	4	Jun 19, 2019	0.75	0.94	0.75	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 19, 2019	0.02	0.03	0.02	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 19, 2019	0.60	0.76	0.60	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 19, 2019	0.03	0.04	0.03	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 19, 2019	0.40	0.50	0.40	100.0%
18960601	459	993	MOORE	13132050	4	Jun 19, 2019	0.40	0.50	0.40	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 19, 2019	2.12	2.67	2.12	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 19, 2019	0.48	0.60	0.48	100.0%
18960601	441	207	MOORE	13132050	4	Jun 19, 2019	0.99	1.25	0.99	100.0%
18960601	402	876	MOORE	13132050	4	Jun 19, 2019	0.07	0.08	0.07	100.0%
18960601	263	399	MOORE	13132050	4	Jun 19, 2019	0.27	0.34	0.27	100.0%
18960601	417	992	MOORE	13132050	4	Jun 19, 2019	1.20	1.51	1.20	100.0%
18960601	417	381	MOORE	13132050	4	Jun 19, 2019	2.40	3.02	2.40	100.0%
18960601	158	540	MOORE	13132050	4	Jun 19, 2019	0.32	0.40	0.32	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 19, 2019	0.40	0.50	0.40	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 19, 2019	0.23	0.29	0.23	100.0%
18960601	263	397	MOORE	13132050	4	Jun 19, 2019	0.35	0.44	0.35	100.0%
18960601	533	424	MOORE	13132050	4	Jun 19, 2019	0.06	0.08	0.06	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 19, 2019	0.04	0.04	0.04	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jun 19, 2019	0.50	0.63	0.50	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 19, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 19, 2019	2.00	3.66	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jun 19, 2019	0.60	0.60	0.60	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 19, 2019	4.40	8.05	4.40	100.0%
18960928	90	46	MUNSEY	13132375	2	Jun 19, 2019	1.00	1.83	1.00	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 19, 2019	0.51	0.93	0.51	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 19, 2019	1.97	3.61	1.97	100.0%

18960928	150	216	MUNSEY	13132375	2	Jun 19, 2019	0.03	0.05	0.03	100.0%
18960928	15	80	MUNSEY	13132375	2	Jun 19, 2019	2.33	4.27	2.33	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 19, 2019	6.00	6.00	6.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 19, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 19, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jun 19, 2019	0.22	0.28	0.22	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jun 19, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 19, 2019	1.20	1.20	1.20	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 19, 2019	0.65	0.82	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jun 19, 2019	1.20	1.20	1.20	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 19, 2019	0.51	0.51	0.51	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 19, 2019	1.90	1.90	1.90	100.0%
18980901	268	562	ARCO	13132365	2	Jun 19, 2019	1.57	2.87	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 19, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 19, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jun 19, 2019	1.60	2.01	1.60	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 19, 2019	0.21	0.26	0.21	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 19, 2019	0.01	0.01	0.01	100.0%
18990327	113	584	MOORE	13132050	4	Jun 19, 2019	0.03	0.04	0.03	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 19, 2019	2.72	4.98	2.72	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 19, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 19, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 19, 2019	0.75	0.75	0.75	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 19, 2019	0.28	0.28	0.28	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 19, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 19, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 19, 2019	6.40	6.40	6.40	100.0%
19010722	665	1851	ARCO	13132365	2	Jun 19, 2019	0.15	0.27	0.15	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 19, 2019	0.30	0.30	0.30	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 19, 2019	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jun 19, 2019	0.23	0.29	0.23	100.0%
19010901	70	339	MOORE	13132050	4	Jun 19, 2019	0.12	0.15	0.12	100.0%
19010901	459	684	MOORE	13132050	4	Jun 19, 2019	0.35	0.44	0.35	100.0%
19011001	263	396	MOORE	13132050	4	Jun 19, 2019	0.12	0.15	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 19, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 19, 2019	1.31	2.40	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 19, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 19, 2019	0.20	0.25	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 19, 2019	0.31	0.38	0.31	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 19, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 19, 2019	0.90	0.90	0.90	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 19, 2019	1.60	1.60	1.60	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 19, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 19, 2019	0.60	0.60	0.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 19, 2019	3.20	3.20	3.20	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 19, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 19, 2019	3.40	3.40	3.40	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 19, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 19, 2019	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 19, 2019	6.16	6.16	6.16	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 19, 2019	2.70	3.40	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jun 19, 2019	2.00	2.00	2.00	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 19, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 19, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jun 19, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 19, 2019	1.77	1.77	1.77	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 19, 2019	0.66	0.66	0.66	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 19, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 19, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 19, 2019	0.49	0.49	0.49	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 19, 2019	0.40	0.40	0.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 19, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 19, 2019	0.35	0.35	0.35	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 19, 2019	1.60	1.60	1.60	100.0%

19040517	170	1052	MOORE	13132050	4	Jun 19, 2019	1.56	1.96	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 19, 2019	0.55	0.55	0.55	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 19, 2019	0.21	0.21	0.21	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 19, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 19, 2019	0.34	0.34	0.34	100.0%
19040620	483	1514	CHILLY	13121105	9	Jun 19, 2019	0.04	0.04	0.04	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 19, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 19, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 19, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jun 19, 2019	0.01	0.01	0.01	100.0%
19050501	59	2145	KENT	13120605	9	Jun 19, 2019	0.27	0.27	0.27	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 19, 2019	0.26	0.26	0.26	100.0%
19050501	59	784	BITTON	13120735	9	Jun 19, 2019	0.03	0.03	0.03	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 19, 2019	0.61	0.61	0.61	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 19, 2019	0.62	0.62	0.62	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 19, 2019	0.44	0.44	0.44	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 19, 2019	0.17	0.17	0.17	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 19, 2019	0.65	0.65	0.65	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 19, 2019	0.10	0.10	0.10	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 19, 2019	3.00	3.00	3.00	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 19, 2019	1.30	1.30	1.30	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 19, 2019	0.12	0.12	0.12	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 19, 2019	0.30	0.30	0.30	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 19, 2019	0.27	0.27	0.27	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 19, 2019	0.40	0.40	0.40	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 19, 2019	0.82	0.82	0.82	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 19, 2019	0.58	0.58	0.58	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 19, 2019	0.80	0.80	0.80	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 19, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 19, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 19, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jun 19, 2019	0.19	0.24	0.19	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 19, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 19, 2019	1.37	1.37	1.37	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 19, 2019	0.32	0.32	0.32	100.0%
19070711	59	786	KENT	13120605	9	Jun 19, 2019	0.02	0.02	0.02	100.0%
19070711	59	2146	KENT	13120605	9	Jun 19, 2019	0.33	0.33	0.33	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 19, 2019	0.74	0.74	0.74	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 19, 2019	0.76	0.76	0.76	100.0%
19070711	59	786	BITTON	13120735	9	Jun 19, 2019	0.04	0.04	0.04	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 19, 2019	1.96	1.96	1.96	100.0%
19081207	459	344	MOORE	13132050	4	Jun 19, 2019	0.33	0.42	0.33	100.0%
19081207	70	343	MOORE	13132050	4	Jun 19, 2019	0.17	0.21	0.17	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 19, 2019	0.50	0.63	0.50	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jun 19, 2019	0.82	0.82	0.82	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 19, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 19, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 19, 2019	2.40	2.40	2.40	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 19, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 19, 2019	0.19	0.19	0.19	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 19, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 19, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 19, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 19, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 19, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 19, 2019	2.20	2.20	2.20	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 19, 2019	1.30	1.30	1.30	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jun 19, 2019	0.02	0.03	0.02	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 19, 2019	0.13	0.16	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 19, 2019	1.60	1.60	1.60	100.0%
19140103	2610	2092	KENT	13120605	9	Jun 19, 2019	0.11	0.11	0.11	100.0%
19140103	2610	2092	BITTON	13120735	9	Jun 19, 2019	0.26	0.26	0.26	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 19, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 19, 2019	0.80	0.80	0.80	100.0%

19140601	445	412	NEILSEN	13120805	9	Jun 19, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 19, 2019	0.02	0.02	0.02	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 19, 2019	0.16	0.16	0.16	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 19, 2019	0.06	0.06	0.06	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 19, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 19, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 19, 2019	1.30	1.30	1.30	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 19, 2019	1.28	1.28	1.28	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 19, 2019	0.48	0.48	0.48	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 19, 2019	0.67	0.67	0.67	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jun 19, 2019	0.52	0.52	0.52	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 19, 2019	4.16	4.16	4.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 19, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 19, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 19, 2019	0.50	0.63	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jun 19, 2019	0.44	0.55	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jun 19, 2019	0.11	0.14	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 19, 2019	4.90	6.17	4.90	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 19, 2019	3.70	6.77	3.70	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 19, 2019	16.00	29.29	15.80	98.8%
19810501	566	1684	MOORE	13132050	4	Jun 19, 2019	0.82	1.03	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 19, 2019	12.06	15.18	8.20	68.0%
19950203	476	1272	MOORE	13132050	4	Jun 19, 2019	47.14	59.34	47.14	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 19, 2019	26.64	48.77	26.64	100.0%
19950411	476	1273	BECK	13130525	4	Jun 19, 2019	3.00	3.78	3.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 19, 2019	9.40	9.40	9.40	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 19, 2019	41.46	41.46	41.46	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 19, 2019	54.88	54.88	54.88	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 19, 2019	15.00	15.00	15.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 19, 2019	5.84	5.84	5.84	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jun 19, 2019	3.00	3.00	3.00	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 19, 2019	10.00	10.00	10.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 19, 2019	9969.40	9969.40	1122.95	11.3%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 20, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 20	1570.0	4.0	0.0	1574.0	0.00	1574.0	4.0	0.0	0.0	1570.0	0.0	0.0
9	Howell to Chilly	Jun 20	1242.0	141.4	0.0	-186.6	0.12	1387.4	135.5	6.0	0.0	1248.0	-6.0	0.0
8	Chilly to Reservoir	* Jun 20	1492.6	75.3	0.0	325.9	0.00	1713.3	69.6	5.7	0.0	1504.3	-11.7	0.0
	Connected													
7	Mackay Reservoir	* Jun 20	1231.2	0.0	0.0	0.0	0.00	1844.8	1143.0		0.0	361.3	869.9	0.0
6	Reservoir to 2B	Jun 20	1220.0	11.2	0.0	0.0	0.00	1713.3	11.1	0.1	0.0	350.2	869.8	0.0
5	2B to Leslie	Jun 20	1170.0	181.5	0.0	131.5	0.00	1844.8	168.0	13.5	0.0	313.7	856.3	0.0
4	Leslie to Moore	Jun 20	765.0	238.4	0.0	-166.6	0.14	1844.8	157.8	80.6	0.0	111.2	653.7	0.0
2	Moore to blw Munsey	Jun 20	455.0	90.0	0.0	-220.0	0.29	1844.8	79.2	10.8	0.0	0.0	455.0	0.0
1	Blw Munsey to Arco	Jun 20	479.0	0.0	0.0	24.0	0.00	1868.8	0.0	0.0	0.0	24.0	455.0	0.0
								TOTAL	1768.2	116.7	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 20	0.0	0.0		20180101	11%
9	Howell to Chilly	Jun 20	0.0	0.0		20180101	11%
8	Chilly to Reservoir	Jun 20	0.0	0.0		20180101	11%
	Connected						
7	Mackay Reservoir	Jun 20	0.0	0.0		20180101	11%
6	Reservoir to 2B	Jun 20	0.0	0.0		20180101	11%
5	2B to Leslie	Jun 20	0.0	0.0		20180101	11%
4	Leslie to Moore	Jun 20	44.7	121.9		20180101	11%
2	Moore to blw Munsey	Jun 20	32.0	188.0		20180101	11%
1	Blw Munsey to Arco	Jun 20	0.0	0.0		20180101	11%
		TOTAL	76.7	309.9	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	323.7
2	18810630	1.7	294.0	172.0
3	18880601	3.2	556.5	323.7
4	18960601	6.4	1113.0	647.4
5	19020301	0.8	140.0	80.9
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	54796.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	100195.0

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
43650.0	44140.0	490.0	247.0	14.4

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	56344.0
Total Storage Loss	-29788.7
Total Storage Deliver	-10669.2
Total Evaporation	-618.6
Accounting Balance	44137.5
Current Res Content	44140.0
Storage Balance Error	-2.5

DAILY STORAGE BALANCE

43650.0	Reservoir Content Previous Day [ac-ft]
44140.0	Reservoir Content Current Day [ac-ft]
490.0	Physical Change in Storage [ac-ft]
2267.1	Storage Allocated to Mackay Reservoir [ac-ft]
-1517.2	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-121.9	Leslie to Moore [cfs]
-188.0	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-455.0	Past Arco Gage [cfs]
-231.4	Storage Delivered [ac-ft]
11.7	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
13.5	2B to Leslie [cfs]
80.6	Leslie to Moore [cfs]
10.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-28.5	Evaporation [ac-ft]
490.0	Accounting Change in Storage [ac-ft]
0.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1492.6	Gain in/above Mackay Reservoir [cfs]
131.5	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
24.0	Gain in Reach 1: Munsey to Arco [cfs]
1648.1	Total Available Natural Flow [cfs]
1143.0	Reservoir Rights Diverted [cfs]
100.7	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
44.7	Leslie to Moore [cfs]
32.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
24.0	Natural Flow Past Arco Gage [cfs]
404.4	Natural Flow Delivered [cfs]
-11.7	Above Reservoir Storage Use [cfs]
11.1	Reservoir to 2B [cfs]
168.0	2B to Leslie [cfs]
157.8	Leslie to Moore [cfs]
79.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1648.1	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	13.7	685
Eastside Felton Wier +	51.7	2585
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	65.4	3270
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.3	65
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.4	118
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	89.7	4487
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.4	168
Island Wanstrom David +	0.0	0
Eastside OUT	41.0	2050
Total Out	144.5	7226

Abbreviated Reach Delivery Factor 2.21
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 396.6%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 41.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 10.3 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 79.7%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 13.0 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 87.0 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 267.4%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 316.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 20, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	3.0	0.0	0.2	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.2	0.1	14.8
9	BITTON	7.0	0.0	0.2	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	8.0	1.3	41.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	15.4	0.0	262.7
9	Thalman Hunter D	3.0	0.5	36.5	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	69.1	4.5	658.3
9	NEILSEN	51.6	4.2	314.9	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	82.0	9.0	1024.9
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	15.0	0.0	0.0
9	CHILLY	48.9	0.0	0.0	8	Broken River Pum	3.0	0.0	8.1	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	15.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	8.3	4.0	332.2
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	4.0	4.0	253.9
8	Donahue 1	0.8	0.7	79.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	2.8
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	166.6
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	121.1	10.0	2380.2
8	Mtn. Springs 1	5.0	5.0	308.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	87.0	60.5	4663.8
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	51.0	10.8	595.2
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	39.0	0.0	226.9
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	5.0	0.0	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	6.5	321.3	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 20, 2019	1.10	1.10	1.10	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 20, 2019	4.11	4.11	4.11	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 20, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 20, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 20, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 20, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 20, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 20, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 20, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jun 20, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 20, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 20, 2019	3.00	3.00	3.00	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 20, 2019	0.09	0.10	0.09	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 20, 2019	0.79	0.92	0.79	100.0%
18830601	221	855	MOORE	13132050	4	Jun 20, 2019	1.60	1.87	1.60	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 20, 2019	1.54	1.80	1.54	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 20, 2019	1.72	2.01	1.72	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 20, 2019	1.13	1.32	1.13	100.0%
18830810	96	449	MOORE	13132050	4	Jun 20, 2019	0.48	0.56	0.48	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 20, 2019	0.01	0.01	0.01	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 20, 2019	0.18	0.21	0.18	100.0%
18830810	263	393	MOORE	13132050	4	Jun 20, 2019	0.18	0.21	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 20, 2019	0.21	0.25	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 20, 2019	0.43	0.50	0.43	100.0%
18840422	236	30	BECK	13130525	4	Jun 20, 2019	1.64	1.91	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 20, 2019	0.14	0.16	0.14	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 20, 2019	0.18	0.18	0.18	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 20, 2019	1.54	1.54	1.54	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 20, 2019	0.07	0.07	0.07	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 20, 2019	1.12	1.12	1.12	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 20, 2019	1.44	1.44	1.44	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 20, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 20, 2019	0.55	0.55	0.55	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jun 20, 2019	0.14	0.14	0.14	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 20, 2019	0.20	0.20	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 20, 2019	0.96	0.96	0.96	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 20, 2019	2.17	2.17	2.17	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 20, 2019	2.00	2.00	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 20, 2019	0.79	0.79	0.79	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 20, 2019	0.50	0.50	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 20, 2019	1.92	1.92	1.92	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 20, 2019	0.21	0.21	0.21	100.0%
18840422	284	228	SHARP	13126500	6	Jun 20, 2019	0.13	0.13	0.13	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 20, 2019	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 20, 2019	0.64	0.64	0.64	100.0%
18840422	2525	1903	SHARP	13126500	6	Jun 20, 2019	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	Jun 20, 2019	2.46	2.46	2.46	100.0%
18840422	544	2189	SHARP	13126500	6	Jun 20, 2019	1.00	1.00	1.00	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 20, 2019	0.50	0.50	0.50	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 20, 2019	0.80	0.80	0.80	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 20, 2019	1.60	1.60	1.60	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 20, 2019	0.77	0.77	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 20, 2019	1.23	1.23	1.23	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 20, 2019	1.00	1.00	1.00	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 20, 2019	0.22	0.22	0.22	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 20, 2019	2.24	2.61	2.24	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 20, 2019	0.01	0.01	0.01	100.0%
18840520	427	1	MOORE	13132050	4	Jun 20, 2019	1.12	1.31	1.12	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 20, 2019	0.04	0.05	0.04	100.0%

18840520	96	451	MOORE	13132050	4	Jun 20, 2019	0.58	0.68	0.58	100.0%
18840520	242	210	MOORE	13132050	4	Jun 20, 2019	0.21	0.24	0.21	100.0%
18840520	113	585	MOORE	13132050	4	Jun 20, 2019	0.11	0.13	0.11	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 20, 2019	0.22	0.26	0.22	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 20, 2019	1.60	1.87	1.60	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 20, 2019	0.18	0.21	0.18	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 20, 2019	0.01	0.01	0.01	100.0%
18840520	433	271	MOORE	13132050	4	Jun 20, 2019	0.54	0.63	0.54	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 20, 2019	0.80	0.93	0.80	100.0%
18840520	263	394	MOORE	13132050	4	Jun 20, 2019	0.22	0.26	0.22	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 20, 2019	0.02	0.02	0.02	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 20, 2019	0.17	0.20	0.17	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 20, 2019	0.11	0.13	0.11	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 20, 2019	0.50	0.58	0.50	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 20, 2019	0.80	0.93	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 20, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 20, 2019	0.40	0.40	0.40	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 20, 2019	0.08	0.09	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Jun 20, 2019	0.21	0.24	0.21	100.0%
18840601	263	395	MOORE	13132050	4	Jun 20, 2019	0.08	0.09	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 20, 2019	1.28	1.49	1.28	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 20, 2019	0.01	0.01	0.01	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 20, 2019	0.54	0.63	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 20, 2019	0.09	0.10	0.09	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 20, 2019	0.16	0.19	0.16	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 20, 2019	0.20	0.20	0.20	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 20, 2019	0.80	0.80	0.80	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 20, 2019	0.37	0.37	0.37	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 20, 2019	0.23	0.23	0.23	100.0%
18840601	360	693	BURNETT	13127750	5	Jun 20, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 20, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jun 20, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 20, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 20, 2019	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 20, 2019	1.20	1.40	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 20, 2019	0.80	0.93	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jun 20, 2019	0.80	0.93	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 20, 2019	0.80	0.93	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 20, 2019	1.20	1.40	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jun 20, 2019	0.54	0.63	0.54	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 20, 2019	0.40	0.47	0.40	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 20, 2019	0.09	0.10	0.09	100.0%
18840831	533	421	MOORE	13132050	4	Jun 20, 2019	0.14	0.16	0.14	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 20, 2019	0.44	0.51	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 20, 2019	0.40	0.47	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 20, 2019	0.10	0.12	0.10	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 20, 2019	3.20	3.73	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 20, 2019	1.74	1.74	1.74	100.0%
18840914	360	68	BURNETT	13127750	5	Jun 20, 2019	0.80	0.80	0.80	100.0%
18841012	205	2067	BECK	13130525	4	Jun 20, 2019	1.76	2.05	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 20, 2019	1.25	1.46	1.25	100.0%
18841012	70	341	MOORE	13132050	4	Jun 20, 2019	0.31	0.36	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Jun 20, 2019	0.58	0.68	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 20, 2019	0.89	1.04	0.89	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 20, 2019	0.74	0.74	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 20, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 20, 2019	0.72	0.72	0.72	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jun 20, 2019	0.41	0.41	0.41	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 20, 2019	1.20	1.20	1.20	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 20, 2019	2.78	2.78	2.78	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 20, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jun 20, 2019	0.65	0.65	0.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 20, 2019	0.79	0.79	0.79	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jun 20, 2019	0.23	0.23	0.23	100.0%

18850218	47	1383	DARLINGTON	13127735	5	Jun 20, 2019	2.00	2.00	2.00	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 20, 2019	0.16	0.16	0.16	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 20, 2019	1.65	1.65	1.65	100.0%
18850501	426	887	ARCO	13132365	2	Jun 20, 2019	0.64	1.05	0.64	100.0%
18850501	423	186	ARCO	13132365	2	Jun 20, 2019	0.26	0.43	0.26	100.0%
18850501	468	59	ARCO	13132365	2	Jun 20, 2019	0.74	1.21	0.74	100.0%
18850501	423	87	ARCO	13132365	2	Jun 20, 2019	0.20	0.33	0.20	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 20, 2019	0.20	0.23	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 20, 2019	0.24	0.28	0.24	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 20, 2019	1.80	2.10	1.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 20, 2019	0.10	0.10	0.10	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 20, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 20, 2019	0.20	0.23	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 20, 2019	0.30	0.35	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 20, 2019	0.48	0.56	0.48	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 20, 2019	0.56	0.65	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 20, 2019	1.00	1.00	1.00	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 20, 2019	1.56	1.81	1.56	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 20, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jun 20, 2019	0.24	0.28	0.24	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 20, 2019	1.20	1.40	1.20	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 20, 2019	1.31	1.31	1.31	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 20, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 20, 2019	2.60	2.60	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 20, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 20, 2019	1.10	1.10	1.10	100.0%
18850601	544	2205	SHARP	13126500	6	Jun 20, 2019	0.80	0.80	0.80	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 20, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 20, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 20, 2019	1.54	1.54	1.54	100.0%
18851002	437	62	ARCO	13132365	2	Jun 20, 2019	1.54	2.52	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 20, 2019	3.60	5.89	3.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 20, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 20, 2019	1.60	1.87	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 20, 2019	2.80	3.26	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 20, 2019	1.20	1.40	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 20, 2019	4.56	5.32	4.56	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 20, 2019	0.18	0.21	0.18	100.0%
18860512	263	398	MOORE	13132050	4	Jun 20, 2019	0.18	0.21	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 20, 2019	0.01	0.01	0.01	100.0%
18860512	96	459	MOORE	13132050	4	Jun 20, 2019	0.48	0.56	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 20, 2019	1.77	2.06	1.77	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 20, 2019	2.40	2.80	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 20, 2019	0.20	0.23	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 20, 2019	0.08	0.09	0.08	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 20, 2019	1.24	1.45	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 20, 2019	1.00	1.17	1.00	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 20, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 20, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 20, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 20, 2019	1.00	1.17	1.00	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jun 20, 2019	0.10	0.12	0.10	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 20, 2019	0.60	0.60	0.60	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 20, 2019	0.45	0.45	0.45	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 20, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 20, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 20, 2019	0.84	1.37	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 20, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 20, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 20, 2019	0.34	0.34	0.34	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 20, 2019	1.60	1.87	1.60	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jun 20, 2019	0.80	0.93	0.80	100.0%
18870313	433	683	MOORE	13132050	4	Jun 20, 2019	0.13	0.15	0.13	100.0%
18870313	459	338	MOORE	13132050	4	Jun 20, 2019	0.42	0.49	0.42	100.0%

18870313	459	682	MOORE	13132050	4	Jun 20, 2019	0.65	0.76	0.65	100.0%
18870313	70	337	MOORE	13132050	4	Jun 20, 2019	0.23	0.27	0.23	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 20, 2019	1.00	1.00	1.00	100.0%
18870313	360	681	BURNETT	13127750	5	Jun 20, 2019	0.60	0.60	0.60	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 20, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 20, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 20, 2019	2.54	4.16	2.54	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 20, 2019	1.22	2.00	1.22	100.0%
18870601	423	76	ARCO	13132365	2	Jun 20, 2019	0.22	0.36	0.22	100.0%
18870601	19	892	MUNSEY	13132375	2	Jun 20, 2019	0.80	1.31	0.80	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jun 20, 2019	0.50	0.82	0.50	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 20, 2019	1.00	1.17	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 20, 2019	3.20	3.73	3.20	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 20, 2019	0.16	0.16	0.16	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 20, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jun 20, 2019	0.25	0.25	0.25	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 20, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 20, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jun 20, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 20, 2019	0.51	0.51	0.51	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 20, 2019	1.90	1.90	1.90	100.0%
18870630	236	1428	BECK	13130525	4	Jun 20, 2019	0.36	0.42	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 20, 2019	0.60	0.60	0.60	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 20, 2019	0.71	0.71	0.71	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 20, 2019	0.27	0.27	0.27	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 20, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 20, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jun 20, 2019	0.33	0.54	0.33	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jun 20, 2019	0.55	0.55	0.55	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 20, 2019	0.76	0.76	0.76	100.0%
18880601	347	1973	SHARP	13126500	6	Jun 20, 2019	0.89	0.89	0.89	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 20, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 20, 2019	0.25	0.25	0.25	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 20, 2019	0.95	0.95	0.95	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 20, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 20, 2019	0.40	0.65	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 20, 2019	1.06	1.06	1.06	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 20, 2019	0.40	0.40	0.40	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 20, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 20, 2019	0.30	0.30	0.30	100.0%
18881101	59	2222	KENT	13120605	9	Jun 20, 2019	0.50	0.50	0.50	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 20, 2019	0.46	0.46	0.46	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 20, 2019	1.16	1.16	1.16	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 20, 2019	1.08	1.08	1.08	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jun 20, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 20, 2019	1.12	1.31	1.12	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 20, 2019	0.50	0.58	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jun 20, 2019	0.97	1.13	0.97	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 20, 2019	0.70	0.70	0.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 20, 2019	1.20	1.20	1.20	100.0%
18900601	426	756	ARCO	13132365	2	Jun 20, 2019	0.57	0.93	0.57	100.0%
18900601	372	886	ARCO	13132365	2	Jun 20, 2019	0.59	0.97	0.59	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 20, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 20, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 20, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 20, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 20, 2019	1.76	1.76	1.76	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 20, 2019	0.60	0.70	0.60	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 20, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 20, 2019	0.20	0.23	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jun 20, 2019	0.16	0.19	0.16	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 20, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 20, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 20, 2019	0.30	0.35	0.30	100.0%

18930201	414	1865	MOORE	13132050	4	Jun 20, 2019	0.30	0.35	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 20, 2019	0.22	0.26	0.22	100.0%
18930323	77	688	MOORE	13132050	4	Jun 20, 2019	0.80	0.93	0.80	100.0%
18930323	77	366	MOORE	13132050	4	Jun 20, 2019	1.60	1.87	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 20, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 20, 2019	0.35	0.35	0.35	100.0%
18931101	59	1279	KENT	13120605	9	Jun 20, 2019	0.02	0.02	0.02	100.0%
18931101	59	2223	KENT	13120605	9	Jun 20, 2019	0.36	0.36	0.36	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 20, 2019	0.83	0.83	0.83	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 20, 2019	0.81	0.81	0.81	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 20, 2019	0.04	0.04	0.04	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 20, 2019	2.80	2.80	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 20, 2019	0.40	0.40	0.40	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 20, 2019	0.44	0.44	0.44	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 20, 2019	0.96	0.96	0.96	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 20, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 20, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 20, 2019	2.00	3.27	2.00	100.0%
18940601	417	379	MOORE	13132050	4	Jun 20, 2019	0.15	0.17	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 20, 2019	2.50	2.92	2.50	100.0%
18940601	284	229	SHARP	13126500	6	Jun 20, 2019	0.15	0.15	0.15	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 20, 2019	0.08	0.08	0.08	100.0%
18940601	2525	1904	SHARP	13126500	6	Jun 20, 2019	0.06	0.06	0.06	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 20, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 20, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jun 20, 2019	0.10	0.12	0.10	100.0%
18950601	242	212	MOORE	13132050	4	Jun 20, 2019	0.11	0.13	0.11	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 20, 2019	0.40	0.47	0.40	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 20, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 20, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jun 20, 2019	1.74	2.03	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 20, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jun 20, 2019	0.25	0.30	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 20, 2019	3.20	3.20	3.20	100.0%
18960601	533	424	MOORE	13132050	4	Jun 20, 2019	0.06	0.07	0.06	100.0%
18960601	417	381	MOORE	13132050	4	Jun 20, 2019	2.40	2.80	2.40	100.0%
18960601	417	992	MOORE	13132050	4	Jun 20, 2019	1.20	1.40	1.20	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 20, 2019	1.56	1.82	1.56	100.0%
18960601	96	457	MOORE	13132050	4	Jun 20, 2019	0.75	0.87	0.75	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 20, 2019	0.40	0.47	0.40	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 20, 2019	0.40	0.47	0.40	100.0%
18960601	459	993	MOORE	13132050	4	Jun 20, 2019	0.40	0.47	0.40	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 20, 2019	2.12	2.47	2.12	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 20, 2019	0.48	0.56	0.48	100.0%
18960601	263	399	MOORE	13132050	4	Jun 20, 2019	0.27	0.31	0.27	100.0%
18960601	263	397	MOORE	13132050	4	Jun 20, 2019	0.35	0.41	0.35	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 20, 2019	0.23	0.27	0.23	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 20, 2019	0.60	0.70	0.60	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 20, 2019	0.02	0.02	0.02	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 20, 2019	0.03	0.03	0.03	100.0%
18960601	402	876	MOORE	13132050	4	Jun 20, 2019	0.07	0.08	0.07	100.0%
18960601	441	207	MOORE	13132050	4	Jun 20, 2019	0.99	1.15	0.99	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jun 20, 2019	0.50	0.58	0.50	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 20, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 20, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 20, 2019	2.00	3.27	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jun 20, 2019	0.60	0.60	0.60	100.0%
18960901	437	671	ARCO	13132365	2	Jun 20, 2019	0.13	0.21	0.13	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 20, 2019	4.40	7.20	4.40	100.0%
18960928	90	46	MUNSEY	13132375	2	Jun 20, 2019	1.00	1.64	1.00	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 20, 2019	1.97	3.22	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 20, 2019	0.03	0.05	0.03	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 20, 2019	0.51	0.83	0.51	100.0%
18960928	15	80	MUNSEY	13132375	2	Jun 20, 2019	2.33	3.81	2.33	100.0%

18970510	437	664	ARCO	13132365	2	Jun 20, 2019	1.74	2.85	1.74	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 20, 2019	6.00	6.00	6.00	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jun 20, 2019	1.15	1.15	1.15	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 20, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 20, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jun 20, 2019	0.22	0.26	0.22	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jun 20, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 20, 2019	1.20	1.20	1.20	100.0%
18980601	437	1310	ARCO	13132365	2	Jun 20, 2019	1.60	2.62	1.60	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 20, 2019	0.65	0.76	0.65	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 20, 2019	0.51	0.51	0.51	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 20, 2019	1.90	1.90	1.90	100.0%
18980901	268	562	ARCO	13132365	2	Jun 20, 2019	1.57	2.57	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 20, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 20, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jun 20, 2019	1.60	1.87	1.60	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 20, 2019	0.01	0.01	0.01	100.0%
18990327	113	584	MOORE	13132050	4	Jun 20, 2019	0.03	0.03	0.03	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 20, 2019	2.72	4.45	2.72	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 20, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 20, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 20, 2019	0.75	0.75	0.75	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 20, 2019	0.28	0.28	0.28	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 20, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 20, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 20, 2019	6.40	6.40	6.40	100.0%
19010722	665	1851	ARCO	13132365	2	Jun 20, 2019	0.15	0.24	0.15	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 20, 2019	0.30	0.30	0.30	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 20, 2019	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jun 20, 2019	0.23	0.27	0.23	100.0%
19010901	70	339	MOORE	13132050	4	Jun 20, 2019	0.12	0.14	0.12	100.0%
19010901	459	684	MOORE	13132050	4	Jun 20, 2019	0.35	0.41	0.35	100.0%
19011001	263	396	MOORE	13132050	4	Jun 20, 2019	0.12	0.14	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 20, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 20, 2019	1.31	2.14	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 20, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 20, 2019	0.20	0.23	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 20, 2019	0.31	0.36	0.31	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 20, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 20, 2019	0.90	0.90	0.90	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 20, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 20, 2019	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 20, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 20, 2019	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 20, 2019	0.60	0.60	0.60	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 20, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 20, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 20, 2019	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 20, 2019	6.16	6.16	6.16	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 20, 2019	2.70	3.15	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jun 20, 2019	2.00	2.00	2.00	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 20, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 20, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jun 20, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 20, 2019	1.77	1.77	1.77	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 20, 2019	0.66	0.66	0.66	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 20, 2019	0.24	0.24	0.24	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 20, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 20, 2019	1.08	1.08	1.08	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 20, 2019	0.40	0.40	0.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 20, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 20, 2019	0.35	0.35	0.35	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 20, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 20, 2019	1.56	1.82	1.56	100.0%

19040601	279	2127	Anderson	13120745	9	Jun 20, 2019	0.55	0.55	0.55	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 20, 2019	0.21	0.21	0.21	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 20, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 20, 2019	0.34	0.34	0.34	100.0%
19040620	483	1514	CHILLY	13121105	9	Jun 20, 2019	0.04	0.04	0.04	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 20, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 20, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 20, 2019	0.13	0.13	0.13	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 20, 2019	0.26	0.26	0.26	100.0%
19050501	59	2145	KENT	13120605	9	Jun 20, 2019	0.27	0.27	0.27	100.0%
19050501	59	784	KENT	13120605	9	Jun 20, 2019	0.01	0.01	0.01	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 20, 2019	0.61	0.61	0.61	100.0%
19050501	59	784	BITTON	13120735	9	Jun 20, 2019	0.03	0.03	0.03	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 20, 2019	0.62	0.62	0.62	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 20, 2019	0.44	0.44	0.44	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 20, 2019	0.17	0.17	0.17	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 20, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 20, 2019	0.40	0.40	0.40	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 20, 2019	0.10	0.10	0.10	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 20, 2019	0.65	0.65	0.65	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 20, 2019	0.82	0.82	0.82	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 20, 2019	3.00	3.00	3.00	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 20, 2019	0.12	0.12	0.12	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 20, 2019	1.30	1.30	1.30	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 20, 2019	0.27	0.27	0.27	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 20, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 20, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 20, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 20, 2019	0.80	0.80	0.80	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 20, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jun 20, 2019	0.19	0.22	0.19	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 20, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 20, 2019	1.37	1.37	1.37	100.0%
19070711	59	786	KENT	13120605	9	Jun 20, 2019	0.02	0.02	0.02	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 20, 2019	0.32	0.32	0.32	100.0%
19070711	59	2146	KENT	13120605	9	Jun 20, 2019	0.33	0.33	0.33	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 20, 2019	0.74	0.74	0.74	100.0%
19070711	59	786	BITTON	13120735	9	Jun 20, 2019	0.04	0.04	0.04	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 20, 2019	0.76	0.76	0.76	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 20, 2019	1.96	1.96	1.96	100.0%
19081207	459	344	MOORE	13132050	4	Jun 20, 2019	0.33	0.38	0.33	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 20, 2019	0.50	0.58	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jun 20, 2019	0.17	0.20	0.17	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jun 20, 2019	0.82	0.82	0.82	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 20, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 20, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 20, 2019	2.40	2.40	2.40	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 20, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 20, 2019	0.19	0.19	0.19	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 20, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 20, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 20, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 20, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 20, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 20, 2019	2.20	2.20	2.20	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 20, 2019	1.30	1.30	1.30	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 20, 2019	0.13	0.15	0.13	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jun 20, 2019	0.02	0.02	0.02	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 20, 2019	1.60	1.60	1.60	100.0%
19140103	2610	2092	KENT	13120605	9	Jun 20, 2019	0.11	0.11	0.11	100.0%
19140103	2610	2092	BITTON	13120735	9	Jun 20, 2019	0.26	0.26	0.26	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 20, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 20, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 20, 2019	0.80	0.80	0.80	100.0%

19140601	445	413	NEILSEN	13120805	9	Jun 20, 2019	0.02	0.02	0.02	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 20, 2019	0.16	0.16	0.16	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 20, 2019	0.06	0.06	0.06	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 20, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 20, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 20, 2019	1.30	1.30	1.30	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 20, 2019	1.28	1.28	1.28	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 20, 2019	0.48	0.48	0.48	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 20, 2019	0.67	0.67	0.67	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jun 20, 2019	0.52	0.52	0.52	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 20, 2019	4.16	4.16	4.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 20, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 20, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 20, 2019	0.50	0.58	0.50	100.0%
19440508	437	737	ARCO	13132365	2	Jun 20, 2019	0.66	1.08	0.66	100.0%
19600501	90	175	MOORE	13132050	4	Jun 20, 2019	0.44	0.51	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jun 20, 2019	0.11	0.13	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 20, 2019	4.90	5.71	4.90	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 20, 2019	3.70	6.06	3.70	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 20, 2019	16.00	26.19	15.80	98.8%
19950203	476	1272	3IN1	13130605	4	Jun 20, 2019	8.06	9.40	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 20, 2019	38.22	44.57	38.22	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 20, 2019	20.64	33.78	20.64	100.0%
19950411	476	1273	BECK	13130525	4	Jun 20, 2019	0.30	0.35	0.30	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 20, 2019	1.38	1.38	1.38	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 20, 2019	33.56	33.56	33.56	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 20, 2019	38.18	38.18	38.18	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 20, 2019	15.00	15.00	15.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 20, 2019	1.84	1.84	1.84	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jun 20, 2019	3.00	3.00	3.00	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 20, 2019	10.00	10.00	10.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 20, 2019	9969.40	9969.40	1127.66	11.3%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 21, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 21	1140.0	4.0	0.0	1144.0	0.00	1144.0	4.0	0.0	0.0	1140.0	0.0	0.0
9	Howell to Chilly	Jun 21	980.0	136.4	0.0	-23.6	0.02	1120.4	130.5	6.0	0.0	986.0	-6.0	0.0
8	Chilly to Reservoir	* Jun 21	1237.9	55.9	0.0	313.8	0.00	1434.3	50.2	5.7	0.0	1249.6	-11.7	0.0
	Connected													
7	Mackay Reservoir	* Jun 21	1140.7	0.0	0.0	0.0	0.00	1545.8	900.4		0.0	349.2	791.5	0.0
6	Reservoir to 2B	Jun 21	1130.0	10.7	0.0	0.0	0.00	1434.3	10.6	0.1	0.0	338.6	791.4	0.0
5	2B to Leslie	Jun 21	1060.0	181.5	0.0	111.5	0.00	1545.8	158.0	23.5	0.0	292.1	767.9	0.0
4	Leslie to Moore	Jun 21	691.6	237.8	0.0	-130.6	0.12	1545.8	155.0	82.7	0.0	101.1	590.5	0.0
2	Moore to blw Munsey	Jun 21	453.0	87.0	0.0	-151.6	0.22	1545.8	78.9	8.1	0.0	0.0	453.0	0.0
1	Blw Munsey to Arco	Jun 21	481.0	0.0	0.0	28.0	0.00	1573.8	0.0	0.0	0.0	28.0	453.0	0.0
								TOTAL	1487.6	126.1	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 21	0.0	0.0		20180101	9%
9	Howell to Chilly	Jun 21	0.0	0.0		20180101	9%
8	Chilly to Reservoir	Jun 21	0.0	0.0		20180101	9%
	Connected						
7	Mackay Reservoir	Jun 21	0.0	0.0		20180101	9%
6	Reservoir to 2B	Jun 21	0.0	0.0		20180101	9%
5	2B to Leslie	Jun 21	0.0	0.0		20180101	9%
4	Leslie to Moore	Jun 21	36.0	94.6		20180101	9%
2	Moore to blw Munsey	Jun 21	22.2	129.5		20180101	9%
1	Blw Munsey to Arco	Jun 21	0.0	0.0		20180101	9%
		TOTAL	58.2	224.1	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	330.1
2	18810630	1.7	294.0	175.3
3	18880601	3.2	556.5	330.1
4	18960601	6.4	1113.0	660.1
5	19020301	0.8	140.0	82.5
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	56551.8
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	101980.9

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44140.0	44310.0	170.0	85.7	11.5

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	58129.9
Total Storage Loss	-31131.7
Total Storage Deliver	-10919.4
Total Evaporation	-641.4
Accounting Balance	44307.4
Current Res Content	44310.0
Storage Balance Error	-2.6

DAILY STORAGE BALANCE

44140.0	Reservoir Content Previous Day [ac-ft]
44310.0	Reservoir Content Current Day [ac-ft]
170.0	Physical Change in Storage [ac-ft]
1785.9	Storage Allocated to Mackay Reservoir [ac-ft]
-1343.0	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-94.6	Leslie to Moore [cfs]
-129.5	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-453.0	Past Arco Gage [cfs]
-250.0	Storage Delivered [ac-ft]
11.7	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
23.5	2B to Leslie [cfs]
82.7	Leslie to Moore [cfs]
8.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-22.8	Evaporation [ac-ft]
170.1	Accounting Change in Storage [ac-ft]
0.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1237.9	Gain in/above Mackay Reservoir [cfs]
111.5	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
28.0	Gain in Reach 1: Munsey to Arco [cfs]
1377.4	Total Available Natural Flow [cfs]
900.4	Reservoir Rights Diverted [cfs]
86.2	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
36.0	Leslie to Moore [cfs]
22.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
28.0	Natural Flow Past Arco Gage [cfs]
390.8	Natural Flow Delivered [cfs]
-11.7	Above Reservoir Storage Use [cfs]
10.6	Reservoir to 2B [cfs]
158.0	2B to Leslie [cfs]
155.0	Leslie to Moore [cfs]
78.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1377.4	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	13.9	695
Eastside Felton Wier +	52.7	2635
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	66.6	3330
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.3	65
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.4	118
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	92.5	4627
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.4	168
Island Wanstrom David +	0.0	0
Eastside OUT	44.0	2200
Total Out	148.3	7416

Abbreviated Reach Delivery Factor 2.23
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 402.4%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 44.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 10.9 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 80.1%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 13.6 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 86.4 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 275.0%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 322.4%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 21, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	3.0	0.0	0.2	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	10.7	0.1	15.0
9	BITTON	7.0	0.0	0.2	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	8.0	1.3	43.9	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	15.4	0.0	262.7
9	Thalman Hunter D	3.0	0.5	37.5	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	69.1	4.5	667.2
9	NEILSEN	51.6	4.2	323.2	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	82.0	19.0	1062.6
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	15.0	0.0	0.0
9	CHILLY	48.9	0.0	0.0	8	Broken River Pum	0.0	0.0	8.1	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	10.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	8.3	4.0	340.1
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	4.0	4.0	261.8
8	Donahue 1	0.8	0.7	80.8	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	3.1
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	170.6
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	7.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	121.1	10.0	2400.0
8	Mtn. Springs 1	5.0	5.0	317.9	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	86.4	62.6	4788.0
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	48.0	8.1	611.2
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	39.0	0.0	226.9
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	5.0	0.0	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	331.2	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 21, 2019	1.49	1.49	1.49	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 21, 2019	3.71	3.71	3.71	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 21, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 21, 2019	0.59	0.59	0.59	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 21, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 21, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 21, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 21, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 21, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jun 21, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 21, 2019	1.20	1.20	1.20	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 21, 2019	0.79	0.90	0.79	100.0%
18830601	221	855	MOORE	13132050	4	Jun 21, 2019	1.60	1.82	1.60	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 21, 2019	0.09	0.10	0.09	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 21, 2019	1.54	1.76	1.54	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 21, 2019	1.72	1.96	1.72	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 21, 2019	1.13	1.29	1.13	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 21, 2019	0.18	0.21	0.18	100.0%
18830810	263	393	MOORE	13132050	4	Jun 21, 2019	0.18	0.21	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 21, 2019	0.01	0.01	0.01	100.0%
18830810	96	449	MOORE	13132050	4	Jun 21, 2019	0.48	0.55	0.48	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 21, 2019	0.43	0.49	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 21, 2019	0.21	0.24	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 21, 2019	1.64	1.87	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 21, 2019	0.14	0.16	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 21, 2019	1.54	1.54	1.54	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 21, 2019	0.07	0.07	0.07	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 21, 2019	0.18	0.18	0.18	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 21, 2019	1.12	1.12	1.12	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 21, 2019	2.17	2.17	2.17	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 21, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 21, 2019	0.55	0.55	0.55	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jun 21, 2019	0.14	0.14	0.14	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 21, 2019	1.44	1.44	1.44	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 21, 2019	0.96	0.96	0.96	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 21, 2019	0.20	0.20	0.20	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 21, 2019	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 21, 2019	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 21, 2019	1.92	1.92	1.92	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 21, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 21, 2019	0.21	0.21	0.21	100.0%
18840422	284	228	SHARP	13126500	6	Jun 21, 2019	0.13	0.13	0.13	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 21, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Jun 21, 2019	2.46	2.46	2.46	100.0%
18840422	2525	1903	SHARP	13126500	6	Jun 21, 2019	0.08	0.08	0.08	100.0%
18840422	544	2189	SHARP	13126500	6	Jun 21, 2019	1.00	1.00	1.00	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 21, 2019	0.64	0.64	0.64	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 21, 2019	0.50	0.50	0.50	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 21, 2019	1.60	1.60	1.60	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 21, 2019	0.40	0.40	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 21, 2019	0.80	0.80	0.80	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 21, 2019	1.00	1.00	1.00	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 21, 2019	0.22	0.22	0.22	100.0%
18840520	242	210	MOORE	13132050	4	Jun 21, 2019	0.21	0.24	0.21	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 21, 2019	0.22	0.25	0.22	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 21, 2019	0.02	0.02	0.02	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 21, 2019	0.18	0.21	0.18	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 21, 2019	2.24	2.55	2.24	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 21, 2019	0.11	0.13	0.11	100.0%

18840520	187	1935	MOORE	13132050	4	Jun 21, 2019	0.04	0.05	0.04	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 21, 2019	0.01	0.01	0.01	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 21, 2019	0.50	0.57	0.50	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 21, 2019	0.17	0.19	0.17	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 21, 2019	0.01	0.01	0.01	100.0%
18840520	113	585	MOORE	13132050	4	Jun 21, 2019	0.11	0.13	0.11	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 21, 2019	1.60	1.82	1.60	100.0%
18840520	433	271	MOORE	13132050	4	Jun 21, 2019	0.54	0.62	0.54	100.0%
18840520	96	451	MOORE	13132050	4	Jun 21, 2019	0.58	0.66	0.58	100.0%
18840520	263	394	MOORE	13132050	4	Jun 21, 2019	0.22	0.25	0.22	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 21, 2019	0.80	0.91	0.80	100.0%
18840520	427	1	MOORE	13132050	4	Jun 21, 2019	1.12	1.28	1.12	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 21, 2019	0.80	0.91	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 21, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 21, 2019	0.72	0.72	0.72	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 21, 2019	0.01	0.01	0.01	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 21, 2019	1.28	1.46	1.28	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 21, 2019	0.54	0.62	0.54	100.0%
18840601	263	395	MOORE	13132050	4	Jun 21, 2019	0.08	0.09	0.08	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 21, 2019	0.08	0.09	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Jun 21, 2019	0.21	0.24	0.21	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 21, 2019	0.09	0.10	0.09	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 21, 2019	0.16	0.18	0.16	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 21, 2019	0.80	0.80	0.80	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 21, 2019	0.13	0.13	0.13	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 21, 2019	0.27	0.27	0.27	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 21, 2019	0.20	0.20	0.20	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 21, 2019	0.20	0.20	0.20	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 21, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jun 21, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 21, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 21, 2019	0.80	0.80	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 21, 2019	1.20	1.37	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jun 21, 2019	0.80	0.91	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jun 21, 2019	0.54	0.62	0.54	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 21, 2019	1.20	1.37	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 21, 2019	0.80	0.91	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 21, 2019	0.80	0.91	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 21, 2019	0.40	0.46	0.40	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 21, 2019	0.09	0.10	0.09	100.0%
18840831	533	421	MOORE	13132050	4	Jun 21, 2019	0.14	0.16	0.14	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 21, 2019	0.44	0.50	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 21, 2019	0.40	0.46	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 21, 2019	0.10	0.11	0.10	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 21, 2019	3.20	3.65	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 21, 2019	1.74	1.74	1.74	100.0%
18841012	205	2067	BECK	13130525	4	Jun 21, 2019	1.76	2.01	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Jun 21, 2019	0.58	0.66	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 21, 2019	0.89	1.02	0.89	100.0%
18841012	70	341	MOORE	13132050	4	Jun 21, 2019	0.31	0.35	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 21, 2019	1.25	1.43	1.25	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 21, 2019	0.74	0.74	0.74	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 21, 2019	1.20	1.20	1.20	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 21, 2019	2.78	2.78	2.78	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 21, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 21, 2019	0.72	0.72	0.72	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jun 21, 2019	0.41	0.41	0.41	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 21, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jun 21, 2019	0.65	0.65	0.65	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 21, 2019	1.10	1.10	1.10	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 21, 2019	1.65	1.65	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 21, 2019	2.00	2.00	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jun 21, 2019	0.23	0.23	0.23	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 21, 2019	0.79	0.79	0.79	100.0%

18850501	426	887	ARCO	13132365	2	Jun 21, 2019	0.64	0.93	0.64	100.0%
18850501	423	186	ARCO	13132365	2	Jun 21, 2019	0.26	0.38	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Jun 21, 2019	0.20	0.29	0.20	100.0%
18850501	468	59	ARCO	13132365	2	Jun 21, 2019	0.74	1.08	0.74	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 21, 2019	0.20	0.23	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 21, 2019	1.80	2.05	1.80	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 21, 2019	0.24	0.27	0.24	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 21, 2019	0.10	0.10	0.10	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 21, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 21, 2019	0.20	0.23	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 21, 2019	0.30	0.34	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 21, 2019	0.48	0.55	0.48	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 21, 2019	0.56	0.64	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 21, 2019	1.00	1.00	1.00	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 21, 2019	1.56	1.77	1.56	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 21, 2019	3.20	3.20	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jun 21, 2019	1.62	1.62	1.62	100.0%
18850601	205	2064	BECK	13130525	4	Jun 21, 2019	0.24	0.27	0.24	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 21, 2019	1.20	1.37	1.20	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 21, 2019	1.31	1.31	1.31	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 21, 2019	2.20	2.20	2.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 21, 2019	0.36	0.36	0.36	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 21, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jun 21, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 21, 2019	1.10	1.10	1.10	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 21, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 21, 2019	1.54	1.54	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 21, 2019	3.60	5.26	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Jun 21, 2019	1.54	2.25	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 21, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 21, 2019	1.60	1.82	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jun 21, 2019	1.20	1.37	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 21, 2019	2.80	3.19	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 21, 2019	2.56	2.92	2.56	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 21, 2019	0.01	0.01	0.01	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 21, 2019	0.18	0.21	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jun 21, 2019	0.48	0.55	0.48	100.0%
18860512	263	398	MOORE	13132050	4	Jun 21, 2019	0.18	0.21	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 21, 2019	0.97	1.11	0.97	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 21, 2019	0.20	0.23	0.20	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 21, 2019	2.40	2.74	2.40	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 21, 2019	0.08	0.09	0.08	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 21, 2019	1.24	1.41	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 21, 2019	1.00	1.14	1.00	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 21, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 21, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 21, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 21, 2019	1.00	1.14	1.00	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jun 21, 2019	0.10	0.11	0.10	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 21, 2019	0.45	0.45	0.45	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 21, 2019	0.60	0.60	0.60	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 21, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 21, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 21, 2019	0.84	1.23	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 21, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 21, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 21, 2019	1.26	1.26	1.26	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 21, 2019	1.60	1.82	1.60	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jun 21, 2019	0.80	0.91	0.80	100.0%
18870313	433	683	MOORE	13132050	4	Jun 21, 2019	0.13	0.15	0.13	100.0%
18870313	459	338	MOORE	13132050	4	Jun 21, 2019	0.42	0.48	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jun 21, 2019	0.65	0.74	0.65	100.0%
18870313	70	337	MOORE	13132050	4	Jun 21, 2019	0.23	0.26	0.23	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 21, 2019	0.80	0.80	0.80	100.0%

18870420	1	1336	6X Ranch 1	13122805	8	Jun 21, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 21, 2019	2.54	3.71	2.54	100.0%
18870601	423	76	ARCO	13132365	2	Jun 21, 2019	0.22	0.32	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 21, 2019	1.22	1.78	1.22	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jun 21, 2019	0.50	0.73	0.50	100.0%
18870601	19	892	MUNSEY	13132375	2	Jun 21, 2019	0.80	1.17	0.80	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 21, 2019	1.00	1.14	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 21, 2019	3.20	3.65	3.20	100.0%
18870601	490	1783	BURNETT	13127750	5	Jun 21, 2019	0.25	0.25	0.25	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 21, 2019	0.25	0.25	0.25	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 21, 2019	0.16	0.16	0.16	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 21, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 21, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jun 21, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 21, 2019	0.69	0.69	0.69	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 21, 2019	1.71	1.71	1.71	100.0%
18870630	236	1428	BECK	13130525	4	Jun 21, 2019	0.36	0.41	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 21, 2019	0.60	0.60	0.60	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 21, 2019	0.71	0.71	0.71	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 21, 2019	0.27	0.27	0.27	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 21, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 21, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jun 21, 2019	0.33	0.48	0.33	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jun 21, 2019	0.55	0.55	0.55	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 21, 2019	0.76	0.76	0.76	100.0%
18880601	347	1973	SHARP	13126500	6	Jun 21, 2019	0.89	0.89	0.89	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 21, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 21, 2019	0.34	0.34	0.34	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 21, 2019	0.86	0.86	0.86	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 21, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 21, 2019	0.40	0.58	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 21, 2019	1.06	1.06	1.06	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 21, 2019	0.40	0.40	0.40	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 21, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 21, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 21, 2019	0.46	0.46	0.46	100.0%
18881101	59	2222	KENT	13120605	9	Jun 21, 2019	0.50	0.50	0.50	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 21, 2019	1.16	1.16	1.16	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 21, 2019	1.08	1.08	1.08	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jun 21, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 21, 2019	1.12	1.28	1.12	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 21, 2019	0.50	0.57	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jun 21, 2019	0.97	1.11	0.97	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 21, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 21, 2019	0.70	0.70	0.70	100.0%
18900601	426	756	ARCO	13132365	2	Jun 21, 2019	0.57	0.83	0.57	100.0%
18900601	372	886	ARCO	13132365	2	Jun 21, 2019	0.59	0.86	0.59	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 21, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 21, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 21, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 21, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 21, 2019	1.76	1.76	1.76	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 21, 2019	0.60	0.68	0.60	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 21, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 21, 2019	0.20	0.23	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jun 21, 2019	0.16	0.18	0.16	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 21, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 21, 2019	1.45	1.45	1.45	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 21, 2019	0.30	0.34	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 21, 2019	0.22	0.25	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 21, 2019	0.30	0.34	0.30	100.0%
18930323	77	366	MOORE	13132050	4	Jun 21, 2019	1.60	1.82	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jun 21, 2019	0.80	0.91	0.80	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 21, 2019	0.74	0.74	0.74	100.0%

18931101	2610	2096	KENT	13120605	9	Jun 21, 2019	0.35	0.35	0.35	100.0%
18931101	59	2223	KENT	13120605	9	Jun 21, 2019	0.36	0.36	0.36	100.0%
18931101	59	1279	KENT	13120605	9	Jun 21, 2019	0.02	0.02	0.02	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 21, 2019	0.81	0.81	0.81	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 21, 2019	0.04	0.04	0.04	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 21, 2019	0.83	0.83	0.83	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 21, 2019	0.44	0.44	0.44	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 21, 2019	2.80	2.80	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 21, 2019	0.40	0.40	0.40	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 21, 2019	0.96	0.96	0.96	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 21, 2019	2.60	2.60	2.60	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 21, 2019	2.00	2.92	2.00	100.0%
18940601	417	379	MOORE	13132050	4	Jun 21, 2019	0.15	0.17	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 21, 2019	2.50	2.85	2.50	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 21, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jun 21, 2019	0.15	0.15	0.15	100.0%
18940601	2525	1904	SHARP	13126500	6	Jun 21, 2019	0.06	0.06	0.06	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 21, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 21, 2019	3.20	3.20	3.20	100.0%
18950601	242	212	MOORE	13132050	4	Jun 21, 2019	0.11	0.13	0.11	100.0%
18950601	417	378	MOORE	13132050	4	Jun 21, 2019	0.10	0.11	0.10	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 21, 2019	0.40	0.46	0.40	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 21, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 21, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jun 21, 2019	1.74	1.98	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 21, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jun 21, 2019	0.25	0.29	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 21, 2019	0.50	0.50	0.50	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 21, 2019	0.48	0.55	0.48	100.0%
18960601	417	992	MOORE	13132050	4	Jun 21, 2019	1.20	1.37	1.20	100.0%
18960601	417	381	MOORE	13132050	4	Jun 21, 2019	2.40	2.74	2.40	100.0%
18960601	459	993	MOORE	13132050	4	Jun 21, 2019	0.40	0.46	0.40	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 21, 2019	0.40	0.46	0.40	100.0%
18960601	533	424	MOORE	13132050	4	Jun 21, 2019	0.06	0.07	0.06	100.0%
18960601	441	207	MOORE	13132050	4	Jun 21, 2019	0.99	1.13	0.99	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 21, 2019	0.03	0.03	0.03	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 21, 2019	2.12	2.42	2.12	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 21, 2019	0.40	0.46	0.40	100.0%
18960601	402	876	MOORE	13132050	4	Jun 21, 2019	0.07	0.08	0.07	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 21, 2019	0.60	0.68	0.60	100.0%
18960601	263	397	MOORE	13132050	4	Jun 21, 2019	0.35	0.40	0.35	100.0%
18960601	96	457	MOORE	13132050	4	Jun 21, 2019	0.75	0.86	0.75	100.0%
18960601	263	399	MOORE	13132050	4	Jun 21, 2019	0.27	0.31	0.27	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 21, 2019	1.56	1.78	1.56	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 21, 2019	0.02	0.02	0.02	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 21, 2019	0.23	0.26	0.23	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 21, 2019	0.04	0.04	0.04	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jun 21, 2019	0.50	0.57	0.50	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 21, 2019	6.40	6.40	6.40	100.0%
18960630	660	1634	DARLINGTON	13127735	5	Jun 21, 2019	0.06	0.06	0.06	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 21, 2019	2.00	2.92	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jun 21, 2019	0.60	0.60	0.60	100.0%
18960901	437	671	ARCO	13132365	2	Jun 21, 2019	0.13	0.19	0.13	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 21, 2019	1.97	2.88	1.97	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 21, 2019	0.51	0.75	0.51	100.0%
18960928	90	46	MUNSEY	13132375	2	Jun 21, 2019	1.00	1.46	1.00	100.0%
18960928	15	80	MUNSEY	13132375	2	Jun 21, 2019	2.33	3.40	2.33	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 21, 2019	0.03	0.04	0.03	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 21, 2019	4.40	6.43	4.40	100.0%
18970510	437	664	ARCO	13132365	2	Jun 21, 2019	1.74	2.54	1.74	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jun 21, 2019	0.75	0.75	0.75	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 21, 2019	6.00	6.00	6.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 21, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 21, 2019	0.70	0.70	0.70	100.0%

18970615	242	214	MOORE	13132050	4	Jun 21, 2019	0.22	0.25	0.22	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jun 21, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 21, 2019	1.20	1.20	1.20	100.0%
18980601	437	1310	ARCO	13132365	2	Jun 21, 2019	1.60	2.34	1.60	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 21, 2019	0.65	0.74	0.65	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 21, 2019	0.69	0.69	0.69	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 21, 2019	1.71	1.71	1.71	100.0%
18980901	268	562	ARCO	13132365	2	Jun 21, 2019	1.57	2.29	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 21, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 21, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jun 21, 2019	1.60	1.82	1.60	100.0%
18990327	113	584	MOORE	13132050	4	Jun 21, 2019	0.03	0.03	0.03	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 21, 2019	0.01	0.01	0.01	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 21, 2019	2.72	3.97	2.72	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 21, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 21, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 21, 2019	0.75	0.75	0.75	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 21, 2019	0.28	0.28	0.28	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 21, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 21, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 21, 2019	6.40	6.40	6.40	100.0%
19010722	665	1851	ARCO	13132365	2	Jun 21, 2019	0.15	0.21	0.15	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 21, 2019	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jun 21, 2019	0.23	0.26	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jun 21, 2019	0.35	0.40	0.35	100.0%
19010901	70	339	MOORE	13132050	4	Jun 21, 2019	0.12	0.14	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 21, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jun 21, 2019	0.12	0.14	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 21, 2019	1.31	1.91	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 21, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 21, 2019	0.20	0.23	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 21, 2019	0.31	0.35	0.31	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 21, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 21, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 21, 2019	0.60	0.60	0.60	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 21, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 21, 2019	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 21, 2019	3.40	3.40	3.40	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 21, 2019	1.60	1.60	1.60	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 21, 2019	0.80	0.80	0.80	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 21, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 21, 2019	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 21, 2019	2.00	2.00	2.00	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 21, 2019	2.70	3.08	2.70	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 21, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 21, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 21, 2019	1.77	1.77	1.77	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 21, 2019	0.66	0.66	0.66	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 21, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 21, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 21, 2019	1.08	1.08	1.08	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 21, 2019	0.40	0.40	0.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 21, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 21, 2019	0.35	0.35	0.35	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 21, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 21, 2019	1.56	1.78	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 21, 2019	0.55	0.55	0.55	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 21, 2019	0.21	0.21	0.21	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 21, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 21, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 21, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 21, 2019	0.13	0.13	0.13	100.0%
19050501	59	2145	KENT	13120605	9	Jun 21, 2019	0.27	0.27	0.27	100.0%
19050501	59	784	KENT	13120605	9	Jun 21, 2019	0.01	0.01	0.01	100.0%

19050501	2610	2093	KENT	13120605	9	Jun 21, 2019	0.26	0.26	0.26	100.0%
19050501	59	784	BITTON	13120735	9	Jun 21, 2019	0.03	0.03	0.03	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 21, 2019	0.62	0.62	0.62	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 21, 2019	0.61	0.61	0.61	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 21, 2019	0.44	0.44	0.44	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 21, 2019	0.17	0.17	0.17	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 21, 2019	0.27	0.27	0.27	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 21, 2019	0.65	0.65	0.65	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 21, 2019	0.12	0.12	0.12	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 21, 2019	0.30	0.30	0.30	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 21, 2019	1.30	1.30	1.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 21, 2019	0.40	0.40	0.40	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 21, 2019	0.10	0.10	0.10	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 21, 2019	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 21, 2019	0.82	0.82	0.82	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 21, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 21, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 21, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 21, 2019	0.80	0.80	0.80	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 21, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jun 21, 2019	0.19	0.22	0.19	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 21, 2019	0.42	0.42	0.42	99.5%
19070711	59	786	KENT	13120605	9	Jun 21, 2019	0.02	0.02	0.02	100.0%
19070711	59	2146	KENT	13120605	9	Jun 21, 2019	0.33	0.33	0.33	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 21, 2019	0.32	0.32	0.32	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 21, 2019	0.76	0.76	0.76	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 21, 2019	0.74	0.74	0.74	100.0%
19070711	59	786	BITTON	13120735	9	Jun 21, 2019	0.04	0.04	0.04	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 21, 2019	1.96	1.96	1.96	100.0%
19081207	70	343	MOORE	13132050	4	Jun 21, 2019	0.17	0.19	0.17	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 21, 2019	0.50	0.57	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 21, 2019	0.33	0.38	0.33	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 21, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 21, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 21, 2019	2.40	2.40	2.40	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 21, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 21, 2019	0.19	0.19	0.19	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 21, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 21, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 21, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 21, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 21, 2019	1.30	1.30	1.30	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 21, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 21, 2019	2.20	2.20	2.20	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 21, 2019	0.13	0.15	0.13	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jun 21, 2019	0.02	0.02	0.02	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 21, 2019	1.60	1.60	1.60	100.0%
19140103	2610	2092	KENT	13120605	9	Jun 21, 2019	0.11	0.11	0.11	100.0%
19140103	2610	2092	BITTON	13120735	9	Jun 21, 2019	0.26	0.26	0.26	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 21, 2019	0.02	0.02	0.02	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 21, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 21, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 21, 2019	0.80	0.80	0.80	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 21, 2019	0.16	0.16	0.16	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 21, 2019	0.06	0.06	0.06	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 21, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 21, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 21, 2019	1.30	1.30	1.30	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 21, 2019	1.28	1.28	1.28	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 21, 2019	0.48	0.48	0.48	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 21, 2019	0.67	0.67	0.67	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jun 21, 2019	0.52	0.52	0.52	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 21, 2019	4.16	4.16	4.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 21, 2019	0.02	0.02	0.02	100.0%

19240806	417	695	MOORE	13132050	4	Jun 21, 2019	0.50	0.57	0.50	100.0%
19440508	437	737	ARCO	13132365	2	Jun 21, 2019	0.66	0.96	0.66	100.0%
19600501	90	175	MOORE	13132050	4	Jun 21, 2019	0.44	0.50	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jun 21, 2019	0.11	0.13	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 21, 2019	4.90	5.59	4.90	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 21, 2019	3.70	5.41	3.70	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 21, 2019	16.00	23.37	15.80	98.8%
19950203	476	1272	3IN1	13130605	4	Jun 21, 2019	8.06	9.19	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 21, 2019	38.22	43.59	38.22	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 21, 2019	20.34	29.71	20.34	100.0%
19950411	476	1273	BECK	13130525	4	Jun 21, 2019	0.30	0.34	0.30	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 21, 2019	1.38	1.38	1.38	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 21, 2019	31.42	31.42	31.42	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 21, 2019	32.98	32.98	32.98	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 21, 2019	15.00	15.00	15.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 21, 2019	1.34	1.34	1.34	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jun 21, 2019	3.00	3.00	3.00	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 21, 2019	10.00	10.00	10.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 21, 2019	9969.40	9969.40	885.06	8.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 22, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 22	900.0	4.0	0.0	904.0	0.00	904.0	4.0	0.0	0.0	900.0	0.0	0.0
9	Howell to Chilly	Jun 22	767.0	136.4	0.0	3.4	0.00	907.4	130.5	6.0	0.0	773.0	-6.0	0.0
8	Chilly to Reservoir	* Jun 22	1011.1	55.9	0.0	300.0	0.00	1207.4	50.2	5.7	0.0	1022.8	-11.7	0.0
	Connected													
7	Mackay Reservoir	* Jun 22	1021.0	0.0	0.0	0.0	0.00	1325.8	699.8		0.0	323.0	698.0	0.0
6	Reservoir to 2B	Jun 22	1010.0	11.0	0.0	0.0	0.00	1207.4	10.9	0.1	0.0	312.1	697.9	0.0
5	2B to Leslie	Jun 22	958.0	170.4	0.0	118.4	0.00	1325.8	154.4	16.0	0.0	276.1	681.9	0.0
4	Leslie to Moore	Jun 22	628.8	242.8	0.0	-86.4	0.09	1325.8	159.3	83.5	0.0	91.9	536.9	0.0
2	Moore to blw Munsey	Jun 22	429.0	77.0	0.0	-122.8	0.20	1325.8	73.9	3.1	0.0	0.0	429.0	0.0
1	Blw Munsey to Arco	Jun 22	448.0	0.0	0.0	19.0	0.00	1344.8	0.0	0.0	0.0	19.0	429.0	0.0
								TOTAL	1283.0	114.4	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 22	0.0	0.0		20180101	7%
9	Howell to Chilly	Jun 22	0.0	0.0		20180101	7%
8	Chilly to Reservoir	Jun 22	0.0	0.0		20180101	7%
	Connected						
7	Mackay Reservoir	Jun 22	0.0	0.0		20180101	7%
6	Reservoir to 2B	Jun 22	0.0	0.0		20180101	7%
5	2B to Leslie	Jun 22	0.0	0.0		20180101	7%
4	Leslie to Moore	Jun 22	24.9	61.5		20180101	7%
2	Moore to blw Munsey	Jun 22	17.9	104.8		20180101	7%
1	Blw Munsey to Arco	Jun 22	0.0	0.0		20180101	7%
		TOTAL	42.8	166.3	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	336.4
2	18810630	1.7	294.0	178.7
3	18880601	3.2	556.5	336.4
4	18960601	6.4	1113.0	672.8
5	19020301	0.8	140.0	84.1
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	57909.4
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	103368.8

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44310.0	44270.0	-40.0	-20.2	10.2

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	59517.8
Total Storage Loss	-32312.5
Total Storage Deliver	-11146.3
Total Evaporation	-661.7
Accounting Balance	44267.3
Current Res Content	44270.0
Storage Balance Error	-2.7

DAILY STORAGE BALANCE

44310.0	Reservoir Content Previous Day [ac-ft]
44270.0	Reservoir Content Current Day [ac-ft]
-40.0	Physical Change in Storage [ac-ft]
1388.0	Storage Allocated to Mackay Reservoir [ac-ft]
-1180.8	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-61.5	Leslie to Moore [cfs]
-104.8	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-429.0	Past Arco Gage [cfs]
-226.8	Storage Delivered [ac-ft]
11.7	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
16.0	2B to Leslie [cfs]
83.5	Leslie to Moore [cfs]
3.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-20.3	Evaporation [ac-ft]
-39.9	Accounting Change in Storage [ac-ft]
0.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1011.1	Gain in/above Mackay Reservoir [cfs]
118.4	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
19.0	Gain in Reach 1: Munsey to Arco [cfs]
1148.5	Total Available Natural Flow [cfs]
699.8	Reservoir Rights Diverted [cfs]
61.8	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
24.9	Leslie to Moore [cfs]
17.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
19.0	Natural Flow Past Arco Gage [cfs]
386.8	Natural Flow Delivered [cfs]
-11.7	Above Reservoir Storage Use [cfs]
10.9	Reservoir to 2B [cfs]
154.4	2B to Leslie [cfs]
159.3	Leslie to Moore [cfs]
73.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1148.4	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	13.6	680
Eastside Felton Wier +	49.8	2490
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	63.4	3170
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.3	65
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.4	118
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	88.5	4427
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.4	168
Island Wanstrom David +	0.0	0
Eastside OUT	41.0	2050
Total Out	141.3	7066

Abbreviated Reach Delivery Factor 2.23
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 400.9%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 41.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 10.2 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 80.1%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 12.8 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 83.2 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 272.4%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 321.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 22, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	3.0	0.0	0.2	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.0	0.1	15.2
9	BITTON	7.0	0.0	0.2	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	8.0	1.3	46.4	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	15.4	0.0	262.7
9	Thalman Hunter D	3.0	0.5	38.5	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	58.0	0.0	667.2
9	NEILSEN	51.6	4.2	331.5	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	82.0	16.0	1094.3
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	15.0	0.0	0.0
9	CHILLY	48.9	0.0	0.0	8	Broken River Pum	0.0	0.0	8.1	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	10.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	16.5	8.0	356.0
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	4.0	4.0	269.8
8	Donahue 1	0.8	0.7	82.2	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	3.3
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	174.5
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	7.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	121.1	9.9	2419.6
8	Mtn. Springs 1	5.0	5.0	327.8	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	83.2	59.5	4906.0
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	38.0	3.1	617.2
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	39.0	0.0	226.9
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	5.0	0.0	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	341.2	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 22, 2019	1.49	1.49	1.49	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 22, 2019	3.71	3.71	3.71	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 22, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 22, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 22, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 22, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 22, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 22, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 22, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jun 22, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 22, 2019	1.20	1.20	1.20	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 22, 2019	0.79	0.87	0.79	100.0%
18830601	221	855	MOORE	13132050	4	Jun 22, 2019	1.60	1.76	1.60	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 22, 2019	0.09	0.10	0.09	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 22, 2019	1.54	1.69	1.54	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 22, 2019	1.13	1.24	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 22, 2019	1.72	1.89	1.72	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 22, 2019	0.01	0.01	0.01	100.0%
18830810	96	449	MOORE	13132050	4	Jun 22, 2019	0.48	0.53	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 22, 2019	0.18	0.20	0.18	100.0%
18830810	263	393	MOORE	13132050	4	Jun 22, 2019	0.18	0.20	0.18	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 22, 2019	0.43	0.47	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 22, 2019	0.21	0.23	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 22, 2019	1.64	1.80	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 22, 2019	0.14	0.15	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 22, 2019	0.07	0.07	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 22, 2019	1.54	1.54	1.54	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 22, 2019	0.18	0.18	0.18	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 22, 2019	1.12	1.12	1.12	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jun 22, 2019	0.14	0.14	0.14	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 22, 2019	0.20	0.20	0.20	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 22, 2019	1.63	1.63	1.63	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 22, 2019	1.44	1.44	1.44	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 22, 2019	0.55	0.55	0.55	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 22, 2019	0.96	0.96	0.96	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 22, 2019	0.21	0.21	0.21	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 22, 2019	1.92	1.92	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 22, 2019	2.00	2.00	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 22, 2019	0.79	0.79	0.79	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 22, 2019	0.50	0.50	0.50	100.0%
18840422	544	2189	SHARP	13126500	6	Jun 22, 2019	1.00	1.00	1.00	100.0%
18840422	347	938	SHARP	13126500	6	Jun 22, 2019	2.46	2.46	2.46	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 22, 2019	0.12	0.12	0.12	100.0%
18840422	2525	1903	SHARP	13126500	6	Jun 22, 2019	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 22, 2019	0.64	0.64	0.64	100.0%
18840422	284	228	SHARP	13126500	6	Jun 22, 2019	0.13	0.13	0.13	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 22, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jun 22, 2019	1.00	1.10	1.00	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 22, 2019	0.80	0.80	0.80	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 22, 2019	1.00	1.00	1.00	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 22, 2019	0.40	0.40	0.40	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 22, 2019	0.40	0.40	0.40	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 22, 2019	1.00	1.00	1.00	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 22, 2019	0.22	0.22	0.22	100.0%
18840520	96	451	MOORE	13132050	4	Jun 22, 2019	0.58	0.64	0.58	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 22, 2019	0.50	0.55	0.50	100.0%
18840520	113	585	MOORE	13132050	4	Jun 22, 2019	0.11	0.12	0.11	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 22, 2019	0.18	0.20	0.18	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 22, 2019	0.01	0.01	0.01	100.0%

18840520	187	1935	MOORE	13132050	4	Jun 22, 2019	0.04	0.04	0.04	100.0%
18840520	242	210	MOORE	13132050	4	Jun 22, 2019	0.21	0.23	0.21	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 22, 2019	0.01	0.01	0.01	100.0%
18840520	433	271	MOORE	13132050	4	Jun 22, 2019	0.54	0.59	0.54	100.0%
18840520	427	1	MOORE	13132050	4	Jun 22, 2019	1.12	1.23	1.12	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 22, 2019	1.60	1.76	1.60	100.0%
18840520	263	394	MOORE	13132050	4	Jun 22, 2019	0.22	0.24	0.22	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 22, 2019	0.17	0.19	0.17	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 22, 2019	0.80	0.88	0.80	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 22, 2019	0.22	0.24	0.22	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 22, 2019	0.11	0.12	0.11	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 22, 2019	2.24	2.46	2.24	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 22, 2019	0.02	0.02	0.02	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 22, 2019	0.80	0.88	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 22, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 22, 2019	0.72	0.72	0.72	100.0%
18840601	96	453	MOORE	13132050	4	Jun 22, 2019	0.21	0.23	0.21	100.0%
18840601	263	395	MOORE	13132050	4	Jun 22, 2019	0.08	0.09	0.08	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 22, 2019	0.01	0.01	0.01	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 22, 2019	0.08	0.09	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 22, 2019	0.54	0.59	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 22, 2019	0.09	0.10	0.09	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 22, 2019	1.28	1.41	1.28	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 22, 2019	0.16	0.18	0.16	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 22, 2019	0.27	0.27	0.27	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 22, 2019	0.13	0.13	0.13	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 22, 2019	0.80	0.80	0.80	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 22, 2019	0.20	0.20	0.20	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 22, 2019	0.73	0.73	0.73	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 22, 2019	0.20	0.20	0.20	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 22, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jun 22, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 22, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 22, 2019	0.80	0.80	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jun 22, 2019	0.54	0.59	0.54	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 22, 2019	0.80	0.88	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 22, 2019	1.20	1.32	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jun 22, 2019	0.80	0.88	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 22, 2019	0.80	0.88	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 22, 2019	1.20	1.32	1.20	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 22, 2019	0.40	0.44	0.40	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 22, 2019	0.09	0.10	0.09	100.0%
18840831	533	421	MOORE	13132050	4	Jun 22, 2019	0.14	0.15	0.14	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 22, 2019	0.44	0.48	0.44	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 22, 2019	0.10	0.11	0.10	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 22, 2019	0.40	0.44	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 22, 2019	3.20	3.52	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 22, 2019	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 22, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jun 22, 2019	1.76	1.93	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Jun 22, 2019	0.58	0.64	0.58	100.0%
18841012	70	341	MOORE	13132050	4	Jun 22, 2019	0.31	0.34	0.31	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 22, 2019	0.89	0.98	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 22, 2019	1.25	1.37	1.25	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 22, 2019	0.72	0.72	0.72	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 22, 2019	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 22, 2019	0.74	0.74	0.74	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jun 22, 2019	0.41	0.41	0.41	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 22, 2019	2.78	2.78	2.78	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 22, 2019	1.20	1.20	1.20	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 22, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jun 22, 2019	0.65	0.65	0.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 22, 2019	2.00	2.00	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 22, 2019	0.79	0.79	0.79	100.0%

18850218	411	805	DARLINGTON	13127735	5	Jun 22, 2019	1.65	1.65	1.65	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 22, 2019	1.10	1.10	1.10	100.0%
18850501	423	87	ARCO	13132365	2	Jun 22, 2019	0.20	0.27	0.20	100.0%
18850501	468	59	ARCO	13132365	2	Jun 22, 2019	0.74	1.01	0.74	100.0%
18850501	423	186	ARCO	13132365	2	Jun 22, 2019	0.26	0.36	0.26	100.0%
18850501	426	887	ARCO	13132365	2	Jun 22, 2019	0.64	0.87	0.64	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 22, 2019	0.20	0.22	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 22, 2019	1.80	1.98	1.80	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 22, 2019	0.24	0.26	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 22, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 22, 2019	0.10	0.10	0.10	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 22, 2019	0.20	0.22	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 22, 2019	0.48	0.53	0.48	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 22, 2019	0.30	0.33	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 22, 2019	0.56	0.62	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 22, 2019	1.00	1.00	1.00	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 22, 2019	1.56	1.71	1.56	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jun 22, 2019	1.62	1.62	1.62	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 22, 2019	1.35	1.35	1.35	100.0%
18850601	205	2064	BECK	13130525	4	Jun 22, 2019	0.59	0.65	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 22, 2019	1.20	1.32	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 22, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 22, 2019	2.20	2.20	2.20	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 22, 2019	1.31	1.31	1.31	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 22, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 22, 2019	1.10	1.10	1.10	100.0%
18850601	544	2205	SHARP	13126500	6	Jun 22, 2019	0.80	0.80	0.80	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 22, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 22, 2019	1.54	1.54	1.54	100.0%
18851002	437	62	ARCO	13132365	2	Jun 22, 2019	1.54	2.10	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 22, 2019	3.60	4.92	3.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 22, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 22, 2019	1.60	1.76	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 22, 2019	2.80	3.08	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 22, 2019	1.20	1.32	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 22, 2019	2.56	2.81	2.56	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 22, 2019	0.18	0.20	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 22, 2019	0.01	0.01	0.01	100.0%
18860512	263	398	MOORE	13132050	4	Jun 22, 2019	0.18	0.20	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jun 22, 2019	0.48	0.53	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 22, 2019	0.97	1.07	0.97	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 22, 2019	0.08	0.09	0.08	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 22, 2019	0.20	0.22	0.20	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 22, 2019	2.40	2.64	2.40	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 22, 2019	1.00	1.10	1.00	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 22, 2019	1.24	1.36	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 22, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 22, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 22, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 22, 2019	1.00	1.10	1.00	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jun 22, 2019	0.10	0.11	0.10	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 22, 2019	0.60	0.60	0.60	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 22, 2019	0.45	0.45	0.45	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 22, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 22, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 22, 2019	0.84	1.15	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 22, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 22, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 22, 2019	0.34	0.34	0.34	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 22, 2019	1.60	1.76	1.60	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jun 22, 2019	0.80	0.88	0.80	100.0%
18870313	459	338	MOORE	13132050	4	Jun 22, 2019	0.42	0.46	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jun 22, 2019	0.65	0.71	0.65	100.0%
18870313	70	337	MOORE	13132050	4	Jun 22, 2019	0.23	0.25	0.23	100.0%

18870313	433	683	MOORE	13132050	4	Jun 22, 2019	0.13	0.14	0.13	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 22, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 22, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 22, 2019	2.54	3.47	2.54	100.0%
18870601	423	76	ARCO	13132365	2	Jun 22, 2019	0.22	0.30	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 22, 2019	1.22	1.67	1.22	100.0%
18870601	19	892	MUNSEY	13132375	2	Jun 22, 2019	0.80	1.09	0.80	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jun 22, 2019	0.50	0.68	0.50	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 22, 2019	1.00	1.10	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 22, 2019	3.20	3.52	3.20	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 22, 2019	0.16	0.16	0.16	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 22, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jun 22, 2019	0.25	0.25	0.25	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 22, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 22, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jun 22, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 22, 2019	0.69	0.69	0.69	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 22, 2019	1.71	1.71	1.71	100.0%
18870630	236	1428	BECK	13130525	4	Jun 22, 2019	0.36	0.40	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 22, 2019	0.60	0.60	0.60	100.0%
18870801	119	1166	BURNETT	13127750	5	Jun 22, 2019	0.27	0.27	0.27	100.0%
18870831	119	1154	BURNETT	13127750	5	Jun 22, 2019	1.20	1.20	1.20	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 22, 2019	0.71	0.71	0.71	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 22, 2019	0.27	0.27	0.27	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 22, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 22, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jun 22, 2019	0.33	0.45	0.33	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jun 22, 2019	0.55	0.55	0.55	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 22, 2019	0.76	0.76	0.76	100.0%
18880601	347	1973	SHARP	13126500	6	Jun 22, 2019	0.89	0.89	0.89	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 22, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 22, 2019	0.34	0.34	0.34	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 22, 2019	0.86	0.86	0.86	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 22, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 22, 2019	0.40	0.55	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 22, 2019	1.06	1.06	1.06	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 22, 2019	0.40	0.40	0.40	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 22, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 22, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 22, 2019	0.46	0.46	0.46	100.0%
18881101	59	2222	KENT	13120605	9	Jun 22, 2019	0.50	0.50	0.50	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 22, 2019	1.08	1.08	1.08	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 22, 2019	1.16	1.16	1.16	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jun 22, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 22, 2019	1.12	1.23	1.12	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 22, 2019	0.50	0.55	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jun 22, 2019	0.97	1.07	0.97	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 22, 2019	0.70	0.70	0.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 22, 2019	1.20	1.20	1.20	100.0%
18900601	426	756	ARCO	13132365	2	Jun 22, 2019	0.57	0.78	0.57	100.0%
18900601	372	886	ARCO	13132365	2	Jun 22, 2019	0.59	0.81	0.59	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 22, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 22, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 22, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 22, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 22, 2019	0.24	0.24	0.24	100.0%
18910630	205	2065	BECK	13130525	4	Jun 22, 2019	0.65	0.71	0.65	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 22, 2019	0.60	0.66	0.60	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 22, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 22, 2019	0.20	0.22	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jun 22, 2019	0.16	0.18	0.16	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 22, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 22, 2019	1.45	1.45	1.45	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 22, 2019	0.30	0.33	0.30	100.0%

18930201	459	1423	MOORE	13132050	4	Jun 22, 2019	0.30	0.33	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 22, 2019	0.22	0.24	0.22	100.0%
18930323	77	366	MOORE	13132050	4	Jun 22, 2019	1.60	1.76	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jun 22, 2019	0.80	0.88	0.80	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 22, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	Jun 22, 2019	0.02	0.02	0.02	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 22, 2019	0.35	0.35	0.35	100.0%
18931101	59	2223	KENT	13120605	9	Jun 22, 2019	0.36	0.36	0.36	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 22, 2019	0.81	0.81	0.81	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 22, 2019	0.04	0.04	0.04	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 22, 2019	0.83	0.83	0.83	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 22, 2019	0.96	0.96	0.96	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 22, 2019	2.80	2.80	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 22, 2019	0.40	0.40	0.40	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 22, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 22, 2019	2.60	2.60	2.60	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 22, 2019	2.00	2.73	2.00	100.0%
18940601	417	379	MOORE	13132050	4	Jun 22, 2019	0.15	0.16	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 22, 2019	2.50	2.75	2.50	100.0%
18940601	2525	1904	SHARP	13126500	6	Jun 22, 2019	0.06	0.06	0.06	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 22, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jun 22, 2019	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 22, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 22, 2019	3.20	3.20	3.20	100.0%
18950601	242	212	MOORE	13132050	4	Jun 22, 2019	0.11	0.12	0.11	100.0%
18950601	417	378	MOORE	13132050	4	Jun 22, 2019	0.10	0.11	0.10	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 22, 2019	0.40	0.44	0.40	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 22, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 22, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jun 22, 2019	1.74	1.91	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 22, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jun 22, 2019	0.25	0.28	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 22, 2019	0.50	0.50	0.50	100.0%
18960601	263	399	MOORE	13132050	4	Jun 22, 2019	0.27	0.30	0.27	100.0%
18960601	263	397	MOORE	13132050	4	Jun 22, 2019	0.35	0.38	0.35	100.0%
18960601	459	993	MOORE	13132050	4	Jun 22, 2019	0.40	0.44	0.40	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 22, 2019	0.40	0.44	0.40	100.0%
18960601	417	992	MOORE	13132050	4	Jun 22, 2019	1.20	1.32	1.20	100.0%
18960601	417	381	MOORE	13132050	4	Jun 22, 2019	2.40	2.64	2.40	100.0%
18960601	441	207	MOORE	13132050	4	Jun 22, 2019	0.99	1.09	0.99	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 22, 2019	1.56	1.71	1.56	100.0%
18960601	533	424	MOORE	13132050	4	Jun 22, 2019	0.06	0.07	0.06	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 22, 2019	2.12	2.33	2.12	100.0%
18960601	402	876	MOORE	13132050	4	Jun 22, 2019	0.07	0.07	0.07	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 22, 2019	0.02	0.02	0.02	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 22, 2019	0.03	0.03	0.03	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 22, 2019	0.60	0.66	0.60	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 22, 2019	0.23	0.25	0.23	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 22, 2019	0.48	0.53	0.48	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 22, 2019	0.40	0.44	0.40	100.0%
18960601	96	457	MOORE	13132050	4	Jun 22, 2019	0.75	0.82	0.75	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 22, 2019	0.04	0.04	0.04	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jun 22, 2019	0.50	0.55	0.50	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 22, 2019	6.40	6.40	6.40	100.0%
18960630	660	1634	DARLINGTON	13127735	5	Jun 22, 2019	0.06	0.06	0.06	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 22, 2019	2.00	2.73	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jun 22, 2019	0.60	0.60	0.60	100.0%
18960901	437	671	ARCO	13132365	2	Jun 22, 2019	0.13	0.18	0.13	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 22, 2019	1.97	2.69	1.97	100.0%
18960928	15	80	MUNSEY	13132375	2	Jun 22, 2019	2.33	3.18	2.33	100.0%
18960928	90	46	MUNSEY	13132375	2	Jun 22, 2019	1.00	1.37	1.00	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 22, 2019	4.40	6.01	4.40	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 22, 2019	0.03	0.04	0.03	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 22, 2019	0.51	0.70	0.51	100.0%

18970510	437	664	ARCO	13132365	2	Jun 22, 2019	1.74	2.38	1.74	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 22, 2019	6.00	6.00	6.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 22, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 22, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jun 22, 2019	0.22	0.24	0.22	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jun 22, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 22, 2019	1.20	1.20	1.20	100.0%
18980601	437	1310	ARCO	13132365	2	Jun 22, 2019	1.60	2.19	1.60	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 22, 2019	0.65	0.71	0.65	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 22, 2019	0.69	0.69	0.69	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 22, 2019	1.71	1.71	1.71	100.0%
18980901	268	562	ARCO	13132365	2	Jun 22, 2019	1.57	2.14	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 22, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 22, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jun 22, 2019	1.60	1.76	1.60	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 22, 2019	0.01	0.01	0.01	100.0%
18990327	113	584	MOORE	13132050	4	Jun 22, 2019	0.03	0.03	0.03	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 22, 2019	2.72	3.71	2.72	100.0%
18990601	126	1881	MOORE	13132050	4	Jun 22, 2019	0.08	0.09	0.08	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 22, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 22, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 22, 2019	0.75	0.75	0.75	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 22, 2019	0.28	0.28	0.28	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 22, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 22, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 22, 2019	6.40	6.40	6.40	100.0%
19010722	665	1851	ARCO	13132365	2	Jun 22, 2019	0.15	0.20	0.15	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 22, 2019	3.20	3.20	3.20	100.0%
19010901	459	684	MOORE	13132050	4	Jun 22, 2019	0.35	0.38	0.35	100.0%
19010901	70	339	MOORE	13132050	4	Jun 22, 2019	0.12	0.13	0.12	100.0%
19010901	459	340	MOORE	13132050	4	Jun 22, 2019	0.23	0.25	0.23	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 22, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jun 22, 2019	0.12	0.13	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 22, 2019	1.31	1.79	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 22, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 22, 2019	0.20	0.22	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 22, 2019	0.31	0.34	0.31	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 22, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 22, 2019	0.90	0.90	0.90	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 22, 2019	3.40	3.40	3.40	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 22, 2019	1.60	1.60	1.60	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 22, 2019	1.60	1.60	1.60	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 22, 2019	0.80	0.80	0.80	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 22, 2019	0.60	0.60	0.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 22, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 22, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 22, 2019	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 22, 2019	2.00	2.00	2.00	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 22, 2019	2.70	2.97	2.70	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 22, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 22, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 22, 2019	1.77	1.77	1.77	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 22, 2019	0.66	0.66	0.66	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 22, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 22, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 22, 2019	1.08	1.08	1.08	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jun 22, 2019	0.40	0.40	0.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 22, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 22, 2019	0.35	0.35	0.35	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 22, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 22, 2019	1.56	1.71	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 22, 2019	0.55	0.55	0.55	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 22, 2019	0.21	0.21	0.21	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 22, 2019	0.15	0.15	0.15	100.0%

19040601	2329	1740	NEILSEN	13120805	9	Jun 22, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 22, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 22, 2019	0.13	0.13	0.13	100.0%
19050501	59	2145	KENT	13120605	9	Jun 22, 2019	0.27	0.27	0.27	100.0%
19050501	59	784	KENT	13120605	9	Jun 22, 2019	0.01	0.01	0.01	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 22, 2019	0.26	0.26	0.26	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 22, 2019	0.62	0.62	0.62	100.0%
19050501	59	784	BITTON	13120735	9	Jun 22, 2019	0.03	0.03	0.03	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 22, 2019	0.61	0.61	0.61	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 22, 2019	0.44	0.44	0.44	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 22, 2019	0.17	0.17	0.17	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 22, 2019	0.82	0.82	0.82	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 22, 2019	0.27	0.27	0.27	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 22, 2019	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 22, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 22, 2019	0.40	0.40	0.40	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 22, 2019	1.30	1.30	1.30	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 22, 2019	0.12	0.12	0.12	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 22, 2019	0.10	0.10	0.10	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 22, 2019	0.65	0.65	0.65	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 22, 2019	0.80	0.80	0.80	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 22, 2019	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 22, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 22, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 22, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jun 22, 2019	0.19	0.21	0.19	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 22, 2019	0.42	0.42	0.42	99.5%
19070711	59	786	KENT	13120605	9	Jun 22, 2019	0.02	0.02	0.02	100.0%
19070711	59	2146	KENT	13120605	9	Jun 22, 2019	0.33	0.33	0.33	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 22, 2019	0.32	0.32	0.32	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 22, 2019	0.76	0.76	0.76	100.0%
19070711	59	786	BITTON	13120735	9	Jun 22, 2019	0.04	0.04	0.04	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 22, 2019	0.74	0.74	0.74	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 22, 2019	1.96	1.96	1.96	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 22, 2019	0.50	0.55	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jun 22, 2019	0.17	0.19	0.17	100.0%
19081207	459	344	MOORE	13132050	4	Jun 22, 2019	0.33	0.36	0.33	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 22, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 22, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 22, 2019	2.40	2.40	2.40	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 22, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 22, 2019	0.19	0.19	0.19	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 22, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 22, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 22, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 22, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 22, 2019	2.20	2.20	2.20	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 22, 2019	1.30	1.30	1.30	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 22, 2019	2.10	2.10	2.10	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 22, 2019	0.13	0.14	0.13	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jun 22, 2019	0.02	0.02	0.02	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 22, 2019	1.60	1.60	1.60	100.0%
19140103	2610	2092	KENT	13120605	9	Jun 22, 2019	0.11	0.11	0.11	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 22, 2019	0.02	0.02	0.02	100.0%
19140103	2610	2092	BITTON	13120735	9	Jun 22, 2019	0.26	0.26	0.26	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 22, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 22, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 22, 2019	0.18	0.18	0.18	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 22, 2019	0.16	0.16	0.16	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 22, 2019	0.06	0.06	0.06	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 22, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 22, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 22, 2019	1.30	1.30	1.30	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 22, 2019	1.28	1.28	1.28	100.0%

19160601	279	2121	Thalman Hunter D	13120755	9	Jun 22, 2019	0.48	0.48	0.48	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 22, 2019	0.67	0.67	0.67	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jun 22, 2019	0.52	0.52	0.52	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 22, 2019	4.16	4.16	4.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 22, 2019	0.02	0.02	0.02	100.0%
19240806	417	695	MOORE	13132050	4	Jun 22, 2019	0.50	0.55	0.50	100.0%
19440508	437	737	ARCO	13132365	2	Jun 22, 2019	0.66	0.90	0.66	100.0%
19600501	90	175	MOORE	13132050	4	Jun 22, 2019	0.44	0.48	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jun 22, 2019	0.11	0.12	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 22, 2019	4.90	5.39	4.90	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 22, 2019	3.70	5.05	3.70	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 22, 2019	16.00	21.85	15.80	98.8%
19950203	476	1272	3IN1	13130605	4	Jun 22, 2019	8.06	8.86	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 22, 2019	38.22	42.01	38.22	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 22, 2019	15.34	20.95	15.34	100.0%
19950411	476	1273	BECK	13130525	4	Jun 22, 2019	2.52	2.77	2.52	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 22, 2019	1.38	1.38	1.38	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 22, 2019	29.82	29.82	29.82	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 22, 2019	33.58	33.58	33.58	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 22, 2019	15.00	15.00	15.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 22, 2019	1.64	1.64	1.64	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jun 22, 2019	3.00	3.00	3.00	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 22, 2019	10.00	10.00	10.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 22, 2019	9969.40	9969.40	684.45	6.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 23, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 23	777.0	3.5	0.0	780.5	0.00	780.5	3.5	0.0	0.0	777.0	0.0	0.0
9	Howell to Chilly	Jun 23	656.0	128.4	0.0	7.4	0.00	787.9	124.2	4.2	0.0	660.2	-4.2	0.0
8	Chilly to Reservoir	* Jun 23	838.2	72.5	0.0	254.7	0.00	1042.6	65.0	7.5	0.0	849.9	-11.7	0.0
	Connected													
7	Mackay Reservoir	* Jun 23	804.8	0.0	0.0	0.0	0.00	1165.2	584.4		0.0	265.5	539.3	0.0
6	Reservoir to 2B	Jun 23	799.0	5.8	0.0	0.0	0.00	1042.6	5.8	0.0	0.0	259.7	539.3	0.0
5	2B to Leslie	Jun 23	768.0	153.6	0.0	122.6	0.00	1165.2	144.3	9.3	0.0	238.1	529.9	0.0
4	Leslie to Moore	Jun 23	525.0	230.1	0.0	-12.9	0.02	1165.2	150.7	79.4	0.0	83.4	441.6	0.0
2	Moore to blw Munsey	Jun 23	384.0	72.5	0.0	-68.5	0.13	1165.2	72.5	0.0	0.0	0.0	384.0	0.0
1	Blw Munsey to Arco	Jun 23	400.0	0.0	0.0	16.0	0.00	1181.2	0.0	0.0	0.0	16.0	384.0	0.0
								TOTAL	1150.3	100.4	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 23	0.0	0.0		20180101	6%
9	Howell to Chilly	Jun 23	0.0	0.0		20180101	6%
8	Chilly to Reservoir	Jun 23	0.0	0.0		20180101	6%
	Connected						
7	Mackay Reservoir	Jun 23	0.0	0.0		20180101	6%
6	Reservoir to 2B	Jun 23	0.0	0.0		20180101	6%
5	2B to Leslie	Jun 23	0.0	0.0		20180101	6%
4	Leslie to Moore	Jun 23	4.0	8.9		20180101	6%
2	Moore to blw Munsey	Jun 23	10.9	57.6		20180101	6%
1	Blw Munsey to Arco	Jun 23	0.0	0.0		20180101	6%
		TOTAL	14.9	66.5	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	342.7
2	18810630	1.7	294.0	182.1
3	18880601	3.2	556.5	342.7
4	18960601	6.4	1113.0	685.5
5	19020301	0.8	140.0	85.7
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	59038.2
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	104527.9

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44270.0	44310.0	40.0	20.2	13.2

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	60676.9
Total Storage Loss	-33206.1
Total Storage Deliver	-11345.4
Total Evaporation	-687.9
Accounting Balance	44307.5
Current Res Content	44310.0
Storage Balance Error	-2.5

DAILY STORAGE BALANCE

44270.0	Reservoir Content Previous Day [ac-ft]
44310.0	Reservoir Content Current Day [ac-ft]
40.0	Physical Change in Storage [ac-ft]
1159.1	Storage Allocated to Mackay Reservoir [ac-ft]
-893.6	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-8.9	Leslie to Moore [cfs]
-57.6	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-384.0	Past Arco Gage [cfs]
-199.1	Storage Delivered [ac-ft]
11.7	Above Reservoir [cfs]
0.0	Reservoir to 2B [cfs]
9.3	2B to Leslie [cfs]
79.4	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-26.2	Evaporation [ac-ft]
40.2	Accounting Change in Storage [ac-ft]
0.2	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

838.2	Gain in/above Mackay Reservoir [cfs]
122.6	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
16.0	Gain in Reach 1: Munsey to Arco [cfs]
976.8	Total Available Natural Flow [cfs]
584.4	Reservoir Rights Diverted [cfs]
30.9	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
4.0	Leslie to Moore [cfs]
10.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
16.0	Natural Flow Past Arco Gage [cfs]
361.6	Natural Flow Delivered [cfs]
-11.7	Above Reservoir Storage Use [cfs]
5.8	Reservoir to 2B [cfs]
144.3	2B to Leslie [cfs]
150.7	Leslie to Moore [cfs]
72.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
976.9	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	13.2	660
Eastside Felton Wier +	45.4	2270
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	58.6	2930
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.3	65
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.4	118
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	82.5	4127
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.4	168
Island Wanstrom David +	0.0	0
Eastside OUT	39.0	1950
Total Out	133.3	6666

Abbreviated Reach Delivery Factor 2.28
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 406.5%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 39.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 9.6 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 80.1%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 12.0 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 78.0 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 272.6%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 325.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 23, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	3.0	0.0	0.2	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	4.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	5.8	0.0	15.2
9	BITTON	7.0	0.0	0.2	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	6.0	0.0	46.4	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	13.9	0.0	262.7
9	Thalman Hunter D	3.0	0.0	38.5	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	57.4	2.0	671.2
9	NEILSEN	51.6	4.2	339.8	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	67.3	7.3	1108.8
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	15.0	0.0	0.0
9	CHILLY	48.9	0.0	0.0	8	Broken River Pum	6.0	1.8	11.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	5.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	16.1	8.0	371.8
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	4.0	4.0	277.7
8	Donahue 1	0.8	0.7	83.6	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	3.6
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	178.5
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	114.0	11.0	2441.4
8	Mtn. Springs 1	5.0	5.0	337.8	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	78.0	54.3	5013.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	32.0	0.0	617.2
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	40.5	0.0	226.9
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	5.0	0.0	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	4.0	349.1	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 23, 2019	2.31	2.31	2.31	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 23, 2019	2.89	2.89	2.89	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 23, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 23, 2019	0.59	0.59	0.59	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 23, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 23, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 23, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 23, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 23, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jun 23, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 23, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 23, 2019	3.00	3.00	3.00	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 23, 2019	0.27	0.28	0.27	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 23, 2019	1.54	1.57	1.54	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 23, 2019	0.79	0.80	0.79	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 23, 2019	0.09	0.09	0.09	100.0%
18830601	221	855	MOORE	13132050	4	Jun 23, 2019	1.60	1.63	1.60	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 23, 2019	1.13	1.15	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 23, 2019	1.72	1.75	1.72	100.0%
18830810	96	449	MOORE	13132050	4	Jun 23, 2019	0.48	0.49	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jun 23, 2019	0.18	0.18	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 23, 2019	0.01	0.01	0.01	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 23, 2019	0.18	0.18	0.18	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 23, 2019	0.43	0.44	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 23, 2019	0.21	0.22	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 23, 2019	1.64	1.67	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 23, 2019	0.14	0.14	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 23, 2019	0.07	0.07	0.07	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 23, 2019	1.12	1.12	1.12	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 23, 2019	0.96	0.96	0.96	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 23, 2019	0.55	0.55	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 23, 2019	1.63	1.63	1.63	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jun 23, 2019	0.14	0.14	0.14	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 23, 2019	0.20	0.20	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 23, 2019	1.44	1.44	1.44	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 23, 2019	1.92	1.92	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 23, 2019	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 23, 2019	2.00	2.00	2.00	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 23, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 23, 2019	0.79	0.79	0.79	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 23, 2019	0.12	0.12	0.12	100.0%
18840422	284	228	SHARP	13126500	6	Jun 23, 2019	0.13	0.13	0.13	100.0%
18840422	347	938	SHARP	13126500	6	Jun 23, 2019	2.00	2.00	2.00	100.0%
18840422	544	2189	SHARP	13126500	6	Jun 23, 2019	1.00	1.00	1.00	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 23, 2019	0.40	0.40	0.40	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 23, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jun 23, 2019	1.00	1.02	1.00	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 23, 2019	0.80	0.80	0.80	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 23, 2019	0.40	0.40	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 23, 2019	1.00	1.00	1.00	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 23, 2019	0.40	0.40	0.40	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 23, 2019	1.00	1.00	1.00	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 23, 2019	0.22	0.22	0.22	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 23, 2019	0.01	0.01	0.01	100.0%
18840520	113	585	MOORE	13132050	4	Jun 23, 2019	0.11	0.11	0.11	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 23, 2019	0.22	0.22	0.22	100.0%
18840520	263	394	MOORE	13132050	4	Jun 23, 2019	0.22	0.22	0.22	100.0%
18840520	242	210	MOORE	13132050	4	Jun 23, 2019	0.21	0.21	0.21	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 23, 2019	0.04	0.04	0.04	100.0%

18840520	427	1	MOORE	13132050	4	Jun 23, 2019	1.12	1.14	1.12	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 23, 2019	0.18	0.18	0.18	100.0%
18840520	96	451	MOORE	13132050	4	Jun 23, 2019	0.58	0.59	0.58	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 23, 2019	0.01	0.01	0.01	100.0%
18840520	433	271	MOORE	13132050	4	Jun 23, 2019	0.54	0.55	0.54	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 23, 2019	1.60	1.63	1.60	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 23, 2019	0.17	0.17	0.17	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 23, 2019	0.50	0.51	0.50	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 23, 2019	2.24	2.28	2.24	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 23, 2019	0.02	0.02	0.02	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 23, 2019	2.14	2.18	2.14	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 23, 2019	0.80	0.81	0.80	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 23, 2019	0.78	0.79	0.78	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 23, 2019	0.80	0.81	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 23, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 23, 2019	0.72	0.72	0.72	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 23, 2019	0.09	0.09	0.09	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 23, 2019	1.28	1.30	1.28	100.0%
18840601	96	453	MOORE	13132050	4	Jun 23, 2019	0.21	0.21	0.21	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 23, 2019	0.08	0.08	0.08	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 23, 2019	0.01	0.01	0.01	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 23, 2019	0.54	0.55	0.54	100.0%
18840601	263	395	MOORE	13132050	4	Jun 23, 2019	0.08	0.08	0.08	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 23, 2019	0.16	0.16	0.16	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 23, 2019	0.27	0.27	0.27	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 23, 2019	0.73	0.73	0.73	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 23, 2019	0.80	0.80	0.80	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 23, 2019	0.13	0.13	0.13	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 23, 2019	0.20	0.20	0.20	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 23, 2019	0.20	0.20	0.20	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 23, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jun 23, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 23, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 23, 2019	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 23, 2019	1.20	1.22	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 23, 2019	0.80	0.81	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 23, 2019	0.80	0.81	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jun 23, 2019	0.80	0.81	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 23, 2019	1.20	1.22	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jun 23, 2019	0.54	0.55	0.54	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 23, 2019	0.40	0.41	0.40	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 23, 2019	0.09	0.09	0.09	100.0%
18840831	533	421	MOORE	13132050	4	Jun 23, 2019	0.14	0.14	0.14	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 23, 2019	0.44	0.45	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 23, 2019	0.40	0.41	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 23, 2019	0.10	0.10	0.10	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 23, 2019	3.20	3.25	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 23, 2019	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 23, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jun 23, 2019	1.76	1.79	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 23, 2019	1.25	1.27	1.25	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 23, 2019	0.89	0.91	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Jun 23, 2019	0.58	0.59	0.58	100.0%
18841012	70	341	MOORE	13132050	4	Jun 23, 2019	0.31	0.32	0.31	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 23, 2019	0.74	0.74	0.74	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 23, 2019	2.78	2.78	2.78	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 23, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 23, 2019	0.72	0.72	0.72	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 23, 2019	1.20	1.20	1.20	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 23, 2019	1.09	1.09	1.09	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 23, 2019	2.00	2.00	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 23, 2019	0.79	0.79	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 23, 2019	1.65	1.65	1.65	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 23, 2019	1.10	1.10	1.10	100.0%

18850501	423	186	ARCO	13132365	2	Jun 23, 2019	0.26	0.30	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Jun 23, 2019	0.20	0.23	0.20	100.0%
18850501	468	59	ARCO	13132365	2	Jun 23, 2019	0.74	0.87	0.74	100.0%
18850501	426	887	ARCO	13132365	2	Jun 23, 2019	0.64	0.75	0.64	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 23, 2019	1.80	1.83	1.80	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 23, 2019	0.24	0.24	0.24	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 23, 2019	0.20	0.20	0.20	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 23, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 23, 2019	0.10	0.10	0.10	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 23, 2019	0.20	0.20	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 23, 2019	0.48	0.49	0.48	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 23, 2019	0.30	0.31	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 23, 2019	0.56	0.57	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 23, 2019	1.00	1.00	1.00	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 23, 2019	1.56	1.58	1.56	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jun 23, 2019	0.92	0.92	0.92	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 23, 2019	2.35	2.35	2.35	100.0%
18850601	205	2064	BECK	13130525	4	Jun 23, 2019	0.59	0.60	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 23, 2019	1.20	1.22	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 23, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 23, 2019	2.20	2.20	2.20	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 23, 2019	1.31	1.31	1.31	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 23, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jun 23, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 23, 2019	0.70	0.70	0.70	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 23, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 23, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 23, 2019	1.54	1.54	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 23, 2019	3.60	4.21	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Jun 23, 2019	1.54	1.80	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 23, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 23, 2019	1.60	1.63	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jun 23, 2019	1.20	1.22	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 23, 2019	2.80	2.85	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 23, 2019	2.56	2.60	2.56	100.0%
18860512	96	459	MOORE	13132050	4	Jun 23, 2019	0.48	0.49	0.48	100.0%
18860512	263	398	MOORE	13132050	4	Jun 23, 2019	0.18	0.18	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 23, 2019	0.18	0.18	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 23, 2019	0.01	0.01	0.01	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 23, 2019	0.97	0.99	0.97	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 23, 2019	0.20	0.20	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 23, 2019	0.08	0.08	0.08	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 23, 2019	2.40	2.44	2.40	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 23, 2019	1.24	1.26	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 23, 2019	1.00	1.02	1.00	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 23, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 23, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 23, 2019	0.50	0.50	0.50	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 23, 2019	1.00	1.02	1.00	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jun 23, 2019	0.10	0.10	0.10	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 23, 2019	0.60	0.60	0.60	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 23, 2019	0.45	0.45	0.45	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 23, 2019	0.80	0.80	0.80	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 23, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 23, 2019	0.84	0.98	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 23, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 23, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 23, 2019	0.34	0.34	0.34	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 23, 2019	1.60	1.63	1.60	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jun 23, 2019	0.80	0.81	0.80	100.0%
18870313	70	337	MOORE	13132050	4	Jun 23, 2019	0.23	0.23	0.23	100.0%
18870313	433	683	MOORE	13132050	4	Jun 23, 2019	0.13	0.13	0.13	100.0%
18870313	459	338	MOORE	13132050	4	Jun 23, 2019	0.42	0.43	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jun 23, 2019	0.65	0.66	0.65	100.0%

18870401	403	1058	NEILSEN	13120805	9	Jun 23, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 23, 2019	1.80	1.80	1.80	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 23, 2019	2.54	2.97	2.54	100.0%
18870601	423	76	ARCO	13132365	2	Jun 23, 2019	0.22	0.26	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 23, 2019	1.80	2.11	1.80	100.0%
18870601	19	892	MUNSEY	13132375	2	Jun 23, 2019	0.80	0.94	0.80	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jun 23, 2019	0.50	0.58	0.50	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 23, 2019	1.00	1.02	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 23, 2019	3.20	3.25	3.20	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 23, 2019	0.16	0.16	0.16	100.0%
18870601	490	1783	BURNETT	13127750	5	Jun 23, 2019	0.25	0.25	0.25	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 23, 2019	0.25	0.25	0.25	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 23, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 23, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jun 23, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 23, 2019	1.07	1.07	1.07	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 23, 2019	1.33	1.33	1.33	100.0%
18870630	236	1428	BECK	13130525	4	Jun 23, 2019	0.36	0.37	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 23, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jun 23, 2019	1.42	1.66	1.42	100.0%
18870801	119	1166	BURNETT	13127750	5	Jun 23, 2019	0.07	0.07	0.07	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 23, 2019	0.65	0.65	0.65	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 23, 2019	0.32	0.32	0.32	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 23, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 23, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jun 23, 2019	0.33	0.39	0.33	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 23, 2019	0.76	0.76	0.76	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 23, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 23, 2019	0.53	0.53	0.53	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 23, 2019	0.67	0.67	0.67	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 23, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 23, 2019	0.40	0.47	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 23, 2019	0.97	0.97	0.97	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 23, 2019	0.48	0.48	0.48	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 23, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 23, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 23, 2019	0.46	0.46	0.46	100.0%
18881101	59	2222	KENT	13120605	9	Jun 23, 2019	0.50	0.50	0.50	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 23, 2019	1.16	1.16	1.16	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 23, 2019	1.08	1.08	1.08	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jun 23, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 23, 2019	1.12	1.14	1.12	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 23, 2019	0.50	0.51	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jun 23, 2019	0.97	0.99	0.97	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 23, 2019	0.70	0.70	0.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 23, 2019	1.20	1.20	1.20	100.0%
18900601	426	756	ARCO	13132365	2	Jun 23, 2019	0.57	0.67	0.57	100.0%
18900601	372	886	ARCO	13132365	2	Jun 23, 2019	0.59	0.69	0.59	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 23, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 23, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 23, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 23, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 23, 2019	1.76	1.76	1.76	100.0%
18910630	205	2065	BECK	13130525	4	Jun 23, 2019	0.65	0.66	0.65	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 23, 2019	0.60	0.61	0.60	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 23, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 23, 2019	0.20	0.20	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jun 23, 2019	0.16	0.16	0.16	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 23, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 23, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jun 23, 2019	0.22	0.22	0.22	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 23, 2019	0.30	0.31	0.30	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 23, 2019	0.30	0.31	0.30	100.0%
18930323	77	688	MOORE	13132050	4	Jun 23, 2019	0.80	0.81	0.80	100.0%

18930323	77	366	MOORE	13132050	4	Jun 23, 2019	1.60	1.63	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 23, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	Jun 23, 2019	0.36	0.36	0.36	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 23, 2019	0.35	0.35	0.35	100.0%
18931101	59	1279	KENT	13120605	9	Jun 23, 2019	0.02	0.02	0.02	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 23, 2019	0.81	0.81	0.81	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 23, 2019	0.83	0.83	0.83	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 23, 2019	0.04	0.04	0.04	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 23, 2019	0.96	0.96	0.96	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 23, 2019	0.40	0.40	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 23, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 23, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 23, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 23, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 23, 2019	2.00	2.34	2.00	100.0%
18940601	417	379	MOORE	13132050	4	Jun 23, 2019	0.15	0.15	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 23, 2019	2.50	2.54	2.50	100.0%
18940601	284	229	SHARP	13126500	6	Jun 23, 2019	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 23, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 23, 2019	3.20	3.20	3.20	100.0%
18950601	242	212	MOORE	13132050	4	Jun 23, 2019	0.11	0.11	0.11	100.0%
18950601	417	378	MOORE	13132050	4	Jun 23, 2019	0.10	0.10	0.10	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 23, 2019	0.40	0.41	0.40	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 23, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 23, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jun 23, 2019	1.74	1.77	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 23, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jun 23, 2019	0.25	0.26	0.25	100.0%
18960601	96	457	MOORE	13132050	4	Jun 23, 2019	0.75	0.76	0.75	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 23, 2019	0.23	0.23	0.23	100.0%
18960601	417	381	MOORE	13132050	4	Jun 23, 2019	2.40	2.44	2.40	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 23, 2019	0.48	0.49	0.48	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 23, 2019	1.56	1.59	1.56	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 23, 2019	0.02	0.02	0.02	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 23, 2019	0.40	0.41	0.40	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 23, 2019	0.03	0.03	0.03	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 23, 2019	0.60	0.61	0.60	100.0%
18960601	533	424	MOORE	13132050	4	Jun 23, 2019	0.06	0.06	0.06	100.0%
18960601	441	207	MOORE	13132050	4	Jun 23, 2019	0.99	1.01	0.99	100.0%
18960601	459	993	MOORE	13132050	4	Jun 23, 2019	0.40	0.41	0.40	100.0%
18960601	417	992	MOORE	13132050	4	Jun 23, 2019	1.20	1.22	1.20	100.0%
18960601	263	399	MOORE	13132050	4	Jun 23, 2019	0.27	0.27	0.27	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 23, 2019	0.40	0.41	0.40	100.0%
18960601	263	397	MOORE	13132050	4	Jun 23, 2019	0.35	0.36	0.35	100.0%
18960601	402	876	MOORE	13132050	4	Jun 23, 2019	0.07	0.07	0.07	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 23, 2019	2.12	2.16	2.12	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jun 23, 2019	0.50	0.51	0.50	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 23, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 23, 2019	6.40	6.40	6.40	100.0%
18960630	660	1634	DARLINGTON	13127735	5	Jun 23, 2019	0.06	0.06	0.06	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 23, 2019	2.00	2.34	2.00	100.0%
18960901	437	671	ARCO	13132365	2	Jun 23, 2019	0.13	0.15	0.13	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 23, 2019	0.51	0.60	0.51	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 23, 2019	0.03	0.04	0.03	100.0%
18960928	90	46	MUNSEY	13132375	2	Jun 23, 2019	1.00	1.17	1.00	100.0%
18960928	15	80	MUNSEY	13132375	2	Jun 23, 2019	2.33	2.73	2.33	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 23, 2019	1.97	2.30	1.97	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 23, 2019	4.40	5.15	4.40	100.0%
18970510	437	664	ARCO	13132365	2	Jun 23, 2019	1.74	2.04	1.74	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 23, 2019	6.00	6.00	6.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 23, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 23, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jun 23, 2019	0.22	0.22	0.22	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 23, 2019	1.20	1.20	1.20	100.0%

18980601	437	1310	ARCO	13132365	2	Jun 23, 2019	1.60	1.87	1.60	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 23, 2019	0.65	0.66	0.65	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 23, 2019	0.09	0.09	0.09	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 23, 2019	0.11	0.11	0.11	100.0%
18980901	268	562	ARCO	13132365	2	Jun 23, 2019	1.57	1.84	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 23, 2019	0.25	0.25	0.25	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jun 23, 2019	1.60	1.63	1.60	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 23, 2019	0.21	0.21	0.21	100.0%
18990327	2331	469	MOORE	13132050	4	Jun 23, 2019	0.53	0.54	0.53	100.0%
18990327	2331	467	MOORE	13132050	4	Jun 23, 2019	0.60	0.61	0.60	100.0%
18990327	113	584	MOORE	13132050	4	Jun 23, 2019	0.03	0.03	0.03	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 23, 2019	0.01	0.01	0.01	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 23, 2019	2.72	3.18	2.72	100.0%
18990601	126	1881	MOORE	13132050	4	Jun 23, 2019	0.08	0.08	0.08	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 23, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 23, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 23, 2019	0.69	0.69	0.69	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 23, 2019	0.34	0.34	0.34	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 23, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 23, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 23, 2019	6.40	6.40	6.40	100.0%
19010722	665	1851	ARCO	13132365	2	Jun 23, 2019	0.15	0.17	0.15	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 23, 2019	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jun 23, 2019	0.23	0.23	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jun 23, 2019	0.35	0.36	0.35	100.0%
19010901	70	339	MOORE	13132050	4	Jun 23, 2019	0.12	0.12	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 23, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jun 23, 2019	0.12	0.12	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 23, 2019	1.31	1.53	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 23, 2019	2.00	2.00	2.00	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 23, 2019	0.20	0.20	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 23, 2019	0.31	0.31	0.31	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 23, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 23, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 23, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 23, 2019	3.40	3.40	3.40	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 23, 2019	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 23, 2019	0.60	0.60	0.60	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 23, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 23, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 23, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 23, 2019	2.70	2.75	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jun 23, 2019	2.00	2.00	2.00	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 23, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 23, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jun 23, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 23, 2019	1.62	1.62	1.62	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 23, 2019	0.81	0.81	0.81	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 23, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 23, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 23, 2019	0.24	0.24	0.24	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 23, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 23, 2019	0.35	0.35	0.35	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 23, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 23, 2019	1.56	1.59	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 23, 2019	0.51	0.51	0.51	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 23, 2019	0.25	0.25	0.25	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 23, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 23, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 23, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 23, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 23, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jun 23, 2019	0.01	0.01	0.01	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 23, 2019	0.26	0.26	0.26	100.0%

19050501	59	2145	KENT	13120605	9	Jun 23, 2019	0.27	0.27	0.27	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 23, 2019	0.62	0.62	0.62	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 23, 2019	0.61	0.61	0.61	100.0%
19050501	59	784	BITTON	13120735	9	Jun 23, 2019	0.03	0.03	0.03	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 23, 2019	0.41	0.41	0.41	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 23, 2019	0.20	0.20	0.20	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 23, 2019	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 23, 2019	1.30	1.30	1.30	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 23, 2019	0.27	0.27	0.27	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 23, 2019	0.10	0.10	0.10	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 23, 2019	0.12	0.12	0.12	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 23, 2019	0.40	0.40	0.40	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 23, 2019	0.82	0.82	0.82	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 23, 2019	0.30	0.30	0.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 23, 2019	3.00	3.00	3.00	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 23, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 23, 2019	0.80	0.80	0.80	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 23, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 23, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 23, 2019	1.28	1.28	1.28	100.0%
19060501	185	392	3IN1	13130605	4	Jun 23, 2019	0.19	0.19	0.19	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 23, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 23, 2019	1.37	1.37	1.37	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 23, 2019	0.32	0.32	0.32	100.0%
19070711	59	2146	KENT	13120605	9	Jun 23, 2019	0.33	0.33	0.33	100.0%
19070711	59	786	KENT	13120605	9	Jun 23, 2019	0.02	0.02	0.02	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 23, 2019	0.76	0.76	0.76	100.0%
19070711	59	786	BITTON	13120735	9	Jun 23, 2019	0.04	0.04	0.04	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 23, 2019	0.74	0.74	0.74	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 23, 2019	1.96	1.96	1.96	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 23, 2019	0.50	0.51	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jun 23, 2019	0.17	0.17	0.17	100.0%
19081207	459	344	MOORE	13132050	4	Jun 23, 2019	0.33	0.34	0.33	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jun 23, 2019	2.00	2.00	2.00	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 23, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 23, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 23, 2019	2.40	2.40	2.40	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 23, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 23, 2019	0.19	0.19	0.19	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 23, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 23, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 23, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 23, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 23, 2019	2.20	2.20	2.20	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 23, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 23, 2019	1.30	1.30	1.30	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jun 23, 2019	0.02	0.02	0.02	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 23, 2019	0.13	0.13	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 23, 2019	1.60	1.60	1.60	100.0%
19140103	2610	2092	KENT	13120605	9	Jun 23, 2019	0.11	0.11	0.11	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 23, 2019	0.02	0.02	0.02	100.0%
19140103	2610	2092	BITTON	13120735	9	Jun 23, 2019	0.26	0.26	0.26	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 23, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 23, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 23, 2019	0.18	0.18	0.18	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 23, 2019	0.15	0.15	0.15	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 23, 2019	0.07	0.07	0.07	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jun 23, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 23, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 23, 2019	1.30	1.30	1.30	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 23, 2019	1.02	1.02	1.02	99.8%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 23, 2019	0.51	0.51	0.51	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jun 23, 2019	0.67	0.67	0.67	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jun 23, 2019	0.52	0.52	0.52	100.0%

19170620	307	71	NEILSEN	13120805	9	Jun 23, 2019	4.16	4.16	4.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 23, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 23, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 23, 2019	0.50	0.51	0.50	100.0%
19440508	437	737	ARCO	13132365	2	Jun 23, 2019	0.66	0.77	0.66	100.0%
19600501	90	175	MOORE	13132050	4	Jun 23, 2019	0.44	0.45	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jun 23, 2019	0.11	0.11	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 23, 2019	4.90	4.98	4.90	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 23, 2019	3.70	4.33	3.70	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 23, 2019	16.00	18.71	16.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 23, 2019	0.82	0.83	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 23, 2019	8.06	8.20	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 23, 2019	24.78	25.20	24.78	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 23, 2019	12.34	14.43	10.40	84.2%
19950411	476	1273	MUNSEY	13132375	2	Jun 23, 2019	2.10	2.46	1.30	61.9%
19950411	476	1273	BECK	13130525	4	Jun 23, 2019	2.10	2.14	2.10	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 23, 2019	2.56	2.56	2.56	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 23, 2019	28.10	28.10	28.10	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 23, 2019	28.98	28.98	28.98	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 23, 2019	15.00	15.00	15.00	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jun 23, 2019	3.00	3.00	3.00	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 23, 2019	10.00	10.00	10.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 23, 2019	9969.40	9969.40	569.07	5.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 24, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 24	780.0	4.0	0.0	784.0	0.00	784.0	4.0	0.0	0.0	780.0	0.0	0.0
9	Howell to Chilly	Jun 24	644.0	118.4	0.0	-17.6	0.02	766.4	115.1	3.3	0.0	647.3	-3.3	0.0
8	Chilly to Reservoir	* Jun 24	760.6	71.3	0.0	187.9	0.00	954.4	65.1	6.2	0.0	770.2	-9.6	0.0
	Connected													
7	Mackay Reservoir	* Jun 24	756.6	0.0	0.0	0.0	0.00	1036.0	433.8		0.0	336.4	420.2	0.0
6	Reservoir to 2B	Jun 24	745.0	11.6	0.0	0.0	0.00	954.4	11.5	0.1	0.0	324.9	420.1	0.0
5	2B to Leslie	Jun 24	654.0	172.6	0.0	81.6	0.00	1036.0	170.6	2.0	0.0	235.9	418.1	0.0
4	Leslie to Moore	Jun 24	412.8	227.0	0.0	-14.2	0.02	1036.0	149.0	78.0	0.0	81.8	331.0	0.0
2	Moore to blw Munsey	Jun 24	311.0	77.5	0.0	-24.3	0.06	1036.0	77.0	0.5	0.0	0.0	311.0	0.0
1	Blw Munsey to Arco	Jun 24	318.0	0.0	0.0	7.0	0.00	1043.0	0.0	0.0	0.0	7.0	311.0	0.0
								TOTAL	1026.1	90.1	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 24	0.0	0.0		20180101	4%
9	Howell to Chilly	Jun 24	0.0	0.0		20180101	4%
8	Chilly to Reservoir	Jun 24	0.0	0.0		20180101	4%
	Connected						
7	Mackay Reservoir	Jun 24	0.0	0.0		20180101	4%
6	Reservoir to 2B	Jun 24	0.0	0.0		20180101	4%
5	2B to Leslie	Jun 24	0.0	0.0		20180101	4%
4	Leslie to Moore	Jun 24	5.1	9.1		20180101	4%
2	Moore to blw Munsey	Jun 24	4.8	19.5		20180101	4%
1	Blw Munsey to Arco	Jun 24	0.0	0.0		20180101	4%
	TOTAL		9.9	28.6	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	349.1
2	18810630	1.7	294.0	185.5
3	18880601	3.2	556.5	349.1
4	18960601	6.4	1113.0	698.2
5	19020301	0.8	140.0	87.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	59868.2
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	105388.3

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44310.0	44290.0	-20.0	-10.1	14.1

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	61537.3
Total Storage Loss	-33879.7
Total Storage Deliver	-11524.1
Total Evaporation	-715.9
Accounting Balance	44287.6
Current Res Content	44290.0
Storage Balance Error	-2.4

DAILY STORAGE BALANCE

44310.0	Reservoir Content Previous Day [ac-ft]
44290.0	Reservoir Content Current Day [ac-ft]
-20.0	Physical Change in Storage [ac-ft]
860.4	Storage Allocated to Mackay Reservoir [ac-ft]
-673.6	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-9.1	Leslie to Moore [cfs]
-19.5	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-311.0	Past Arco Gage [cfs]
-178.8	Storage Delivered [ac-ft]
9.5	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
2.0	2B to Leslie [cfs]
78.0	Leslie to Moore [cfs]
0.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-27.9	Evaporation [ac-ft]
-19.9	Accounting Change in Storage [ac-ft]
0.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

760.6	Gain in/above Mackay Reservoir [cfs]
81.6	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
7.0	Gain in Reach 1: Munsey to Arco [cfs]
849.2	Total Available Natural Flow [cfs]
433.8	Reservoir Rights Diverted [cfs]
16.9	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
5.1	Leslie to Moore [cfs]
4.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
7.0	Natural Flow Past Arco Gage [cfs]
398.6	Natural Flow Delivered [cfs]
-9.5	Above Reservoir Storage Use [cfs]
11.5	Reservoir to 2B [cfs]
170.6	2B to Leslie [cfs]
149.0	Leslie to Moore [cfs]
77.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
849.3	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	12.4	620
Eastside Felton Wier +	39.9	1995
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	52.3	2615
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.3	65
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.4	118
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	78.5	3927
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.4	168
Island Wanstrom David +	0.0	0
Eastside OUT	36.0	1800
Total Out	126.3	6316

Abbreviated Reach Delivery Factor 2.42
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 434.4%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 36.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 8.3 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 76.5%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 10.8 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 75.2 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 272.3%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 332.5%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 24, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.3	0.0	0.2	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.6	0.1	15.4
9	BITTON	6.3	0.0	0.2	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.7	0.1	46.5	8	No Tellum 4	3.2	0.0	0.0	5	SWAUGER	19.3	0.0	262.7
9	Thalman Hunter D	4.7	0.1	38.6	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	64.3	0.0	671.2
9	NEILSEN	43.5	3.2	346.2	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	74.0	2.0	1112.8
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	15.0	0.0	0.0
9	CHILLY	42.0	0.0	0.0	8	Broken River Pum	4.0	0.0	11.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	6.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	15.8	9.4	390.5
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.4	0.0	0.0	4	PEHRSON	4.0	4.0	285.6
8	Donahue 1	0.8	0.7	85.1	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	3.9
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	182.5
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	6.0	0.0	0.0	8	Freeman Ditch	2.6	0.0	0.0	4	MOORE	114.0	11.0	2463.2
8	Mtn. Springs 1	0.0	5.5	348.7	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	75.2	51.4	5115.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.5	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	37.0	0.5	618.3
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	40.5	0.0	226.9
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	4.0	357.0	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 24, 2019	2.08	2.08	2.08	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 24, 2019	3.12	3.12	3.12	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 24, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 24, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 24, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 24, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 24, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 24, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 4	13123155	8	Jun 24, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 24, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 24, 2019	3.00	3.00	3.00	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 24, 2019	0.27	0.28	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 24, 2019	0.79	0.81	0.79	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 24, 2019	0.09	0.09	0.09	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 24, 2019	1.54	1.57	1.54	100.0%
18830601	221	855	MOORE	13132050	4	Jun 24, 2019	1.60	1.64	1.60	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 24, 2019	1.13	1.16	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 24, 2019	1.72	1.76	1.72	100.0%
18830810	96	449	MOORE	13132050	4	Jun 24, 2019	0.48	0.49	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jun 24, 2019	0.18	0.18	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 24, 2019	0.01	0.01	0.01	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 24, 2019	0.18	0.18	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 24, 2019	0.21	0.22	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 24, 2019	0.43	0.44	0.43	100.0%
18840422	236	30	BECK	13130525	4	Jun 24, 2019	1.64	1.68	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 24, 2019	0.14	0.14	0.14	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 24, 2019	1.12	1.12	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 24, 2019	0.07	0.07	0.07	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 24, 2019	1.44	1.44	1.44	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 24, 2019	0.80	0.80	0.80	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 24, 2019	0.20	0.20	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 24, 2019	0.96	0.96	0.96	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jun 24, 2019	0.14	0.14	0.14	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 24, 2019	0.55	0.55	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 24, 2019	1.63	1.63	1.63	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 24, 2019	0.21	0.21	0.21	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 24, 2019	0.50	0.50	0.50	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 24, 2019	0.79	0.79	0.79	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 24, 2019	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 24, 2019	1.92	1.92	1.92	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 24, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 24, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Jun 24, 2019	4.00	4.00	4.00	100.0%
18840422	284	228	SHARP	13126500	6	Jun 24, 2019	0.13	0.13	0.13	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 24, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jun 24, 2019	1.00	1.02	1.00	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 24, 2019	0.77	0.77	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 24, 2019	1.23	1.23	1.23	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 24, 2019	0.40	0.40	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 24, 2019	0.80	0.80	0.80	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 24, 2019	0.40	0.40	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 24, 2019	1.60	1.60	1.60	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 24, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 24, 2019	0.22	0.22	0.22	100.0%
18840520	427	1	MOORE	13132050	4	Jun 24, 2019	1.12	1.14	1.12	100.0%
18840520	96	451	MOORE	13132050	4	Jun 24, 2019	0.58	0.59	0.58	100.0%
18840520	433	271	MOORE	13132050	4	Jun 24, 2019	0.54	0.55	0.54	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 24, 2019	0.22	0.22	0.22	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 24, 2019	0.01	0.01	0.01	100.0%

18840520	566	1782	MOORE	13132050	4	Jun 24, 2019	0.78	0.80	0.78	100.0%
18840520	113	585	MOORE	13132050	4	Jun 24, 2019	0.11	0.11	0.11	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 24, 2019	0.02	0.02	0.02	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 24, 2019	0.17	0.17	0.17	100.0%
18840520	242	210	MOORE	13132050	4	Jun 24, 2019	0.21	0.21	0.21	100.0%
18840520	263	394	MOORE	13132050	4	Jun 24, 2019	0.22	0.22	0.22	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 24, 2019	0.18	0.19	0.18	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 24, 2019	0.01	0.01	0.01	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 24, 2019	0.04	0.04	0.04	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 24, 2019	1.60	1.64	1.60	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 24, 2019	0.50	0.51	0.50	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 24, 2019	0.80	0.82	0.80	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 24, 2019	2.14	2.19	2.14	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 24, 2019	2.24	2.29	2.24	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 24, 2019	0.80	0.82	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 24, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 24, 2019	0.72	0.72	0.72	100.0%
18840601	263	395	MOORE	13132050	4	Jun 24, 2019	0.08	0.08	0.08	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 24, 2019	0.01	0.01	0.01	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 24, 2019	1.28	1.31	1.28	100.0%
18840601	96	453	MOORE	13132050	4	Jun 24, 2019	0.21	0.21	0.21	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 24, 2019	0.08	0.08	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 24, 2019	0.09	0.09	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 24, 2019	0.54	0.55	0.54	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 24, 2019	0.16	0.16	0.16	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 24, 2019	0.13	0.13	0.13	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 24, 2019	0.80	0.80	0.80	100.0%
18840601	360	693	BURNETT	13127750	5	Jun 24, 2019	0.40	0.40	0.40	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 24, 2019	0.20	0.20	0.20	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 24, 2019	0.20	0.20	0.20	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 24, 2019	0.73	0.73	0.73	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 24, 2019	0.37	0.37	0.37	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 24, 2019	0.27	0.27	0.27	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 24, 2019	0.23	0.23	0.23	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 24, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 4	13123155	8	Jun 24, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 24, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 24, 2019	0.40	0.40	0.40	100.0%
18840715	459	798	MOORE	13132050	4	Jun 24, 2019	0.80	0.82	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 24, 2019	0.80	0.82	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 24, 2019	1.20	1.23	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 24, 2019	0.80	0.82	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 24, 2019	1.20	1.23	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jun 24, 2019	0.54	0.55	0.54	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 24, 2019	0.40	0.41	0.40	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 24, 2019	0.09	0.09	0.09	100.0%
18840831	533	421	MOORE	13132050	4	Jun 24, 2019	0.14	0.14	0.14	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 24, 2019	0.40	0.41	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 24, 2019	0.44	0.45	0.44	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 24, 2019	0.10	0.10	0.10	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 24, 2019	3.20	3.27	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 24, 2019	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 24, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jun 24, 2019	1.60	1.64	1.60	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 24, 2019	0.89	0.91	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Jun 24, 2019	0.58	0.59	0.58	100.0%
18841012	70	341	MOORE	13132050	4	Jun 24, 2019	0.31	0.32	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 24, 2019	1.25	1.28	1.25	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 24, 2019	2.78	2.78	2.78	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 24, 2019	0.72	0.72	0.72	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 24, 2019	3.00	3.00	3.00	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 24, 2019	2.77	2.77	2.77	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 24, 2019	1.20	1.20	1.20	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 24, 2019	0.74	0.74	0.74	100.0%

18841012	220	1667	DARLINGTON	13127735	5	Jun 24, 2019	1.09	1.09	1.09	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 24, 2019	0.79	0.79	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 24, 2019	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 24, 2019	1.65	1.65	1.65	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 24, 2019	0.96	0.96	0.96	100.0%
18850501	423	186	ARCO	13132365	2	Jun 24, 2019	0.26	0.28	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Jun 24, 2019	0.20	0.22	0.20	100.0%
18850501	468	59	ARCO	13132365	2	Jun 24, 2019	0.74	0.80	0.74	100.0%
18850501	426	887	ARCO	13132365	2	Jun 24, 2019	0.64	0.70	0.64	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 24, 2019	0.24	0.25	0.24	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 24, 2019	1.80	1.84	1.80	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 24, 2019	0.20	0.20	0.20	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 24, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 24, 2019	0.50	0.50	0.50	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 24, 2019	0.20	0.20	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 24, 2019	0.48	0.49	0.48	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 24, 2019	0.30	0.31	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 24, 2019	0.56	0.57	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 24, 2019	1.00	1.00	1.00	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 24, 2019	1.56	1.59	1.56	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jun 24, 2019	0.98	0.98	0.98	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 24, 2019	2.75	2.75	2.75	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 24, 2019	1.20	1.23	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 24, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 24, 2019	1.40	1.40	1.40	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 24, 2019	1.31	1.31	1.31	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 24, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 24, 2019	1.10	1.10	1.10	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 24, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 24, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 24, 2019	1.54	1.54	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 24, 2019	3.60	3.91	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Jun 24, 2019	1.54	1.67	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 24, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 24, 2019	1.60	1.64	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 24, 2019	2.80	2.86	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 24, 2019	1.20	1.23	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 24, 2019	2.56	2.62	2.56	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 24, 2019	0.01	0.01	0.01	100.0%
18860512	263	398	MOORE	13132050	4	Jun 24, 2019	0.18	0.18	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 24, 2019	0.18	0.18	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jun 24, 2019	0.48	0.49	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 24, 2019	0.97	0.99	0.97	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 24, 2019	2.40	2.45	2.40	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 24, 2019	0.08	0.08	0.08	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 24, 2019	0.20	0.20	0.20	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 24, 2019	1.24	1.27	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 24, 2019	1.00	1.02	1.00	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 24, 2019	1.60	1.60	1.60	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 24, 2019	0.80	0.80	0.80	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jun 24, 2019	0.10	0.10	0.10	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 24, 2019	1.00	1.02	1.00	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 24, 2019	0.45	0.45	0.45	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 24, 2019	0.60	0.60	0.60	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 24, 2019	0.80	0.80	0.80	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 24, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 24, 2019	0.84	0.91	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 24, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 24, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 24, 2019	0.34	0.34	0.34	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 24, 2019	3.20	3.27	3.20	100.0%
18870302	618	1510	MOORE	13132050	4	Jun 24, 2019	1.60	1.64	1.60	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jun 24, 2019	0.80	0.82	0.80	100.0%
18870313	459	338	MOORE	13132050	4	Jun 24, 2019	0.42	0.43	0.42	100.0%

18870313	433	683	MOORE	13132050	4	Jun 24, 2019	0.13	0.13	0.13	100.0%
18870313	459	682	MOORE	13132050	4	Jun 24, 2019	0.65	0.66	0.65	100.0%
18870313	70	337	MOORE	13132050	4	Jun 24, 2019	0.23	0.24	0.23	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 24, 2019	1.00	1.00	1.00	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 24, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 24, 2019	2.80	2.80	2.80	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 24, 2019	2.54	2.76	2.54	100.0%
18870601	423	76	ARCO	13132365	2	Jun 24, 2019	0.22	0.24	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 24, 2019	1.80	1.96	1.80	100.0%
18870601	19	892	MUNSEY	13132375	2	Jun 24, 2019	0.80	0.87	0.80	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jun 24, 2019	0.50	0.54	0.50	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 24, 2019	1.00	1.02	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 24, 2019	3.20	3.27	3.20	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 24, 2019	0.16	0.16	0.16	100.0%
18870601	490	1783	BURNETT	13127750	5	Jun 24, 2019	0.27	0.27	0.27	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 24, 2019	0.25	0.25	0.25	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 24, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 24, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 4	13123155	8	Jun 24, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 24, 2019	0.96	0.96	0.96	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 24, 2019	1.44	1.44	1.44	100.0%
18870630	236	1428	BECK	13130525	4	Jun 24, 2019	0.36	0.37	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 24, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jun 24, 2019	1.42	1.54	1.42	100.0%
18870801	119	1166	BURNETT	13127750	5	Jun 24, 2019	0.27	0.27	0.27	100.0%
18870831	119	1154	BURNETT	13127750	5	Jun 24, 2019	0.20	0.20	0.20	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 24, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 24, 2019	0.49	0.49	0.49	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 24, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 24, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jun 24, 2019	0.33	0.36	0.33	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 24, 2019	0.76	0.76	0.76	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 24, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 24, 2019	0.48	0.48	0.48	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 24, 2019	0.72	0.72	0.72	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 24, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 24, 2019	0.40	0.43	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 24, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 24, 2019	0.73	0.73	0.73	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 24, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 24, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	KENT	13120605	9	Jun 24, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 24, 2019	0.77	0.77	0.77	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 24, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 24, 2019	0.83	0.83	0.83	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jun 24, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 24, 2019	1.12	1.15	1.12	100.0%
18890601	441	205	MOORE	13132050	4	Jun 24, 2019	0.97	0.99	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 24, 2019	0.50	0.51	0.50	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 24, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 24, 2019	0.70	0.70	0.70	100.0%
18900601	372	886	ARCO	13132365	2	Jun 24, 2019	0.59	0.64	0.59	100.0%
18900601	426	756	ARCO	13132365	2	Jun 24, 2019	0.57	0.62	0.57	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 24, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 24, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 24, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 24, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 24, 2019	1.76	1.76	1.76	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 24, 2019	0.60	0.61	0.60	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 24, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 24, 2019	0.20	0.20	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jun 24, 2019	0.16	0.16	0.16	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 24, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 24, 2019	1.45	1.45	1.45	100.0%

18930201	414	1865	MOORE	13132050	4	Jun 24, 2019	0.30	0.31	0.30	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 24, 2019	0.30	0.31	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 24, 2019	0.22	0.22	0.22	100.0%
18930323	77	688	MOORE	13132050	4	Jun 24, 2019	0.80	0.82	0.80	100.0%
18930323	77	366	MOORE	13132050	4	Jun 24, 2019	1.60	1.64	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 24, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	Jun 24, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 24, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	KENT	13120605	9	Jun 24, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 24, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 24, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 24, 2019	0.03	0.03	0.03	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 24, 2019	0.44	0.44	0.44	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 24, 2019	0.96	0.96	0.96	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 24, 2019	0.40	0.40	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 24, 2019	2.80	2.80	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 24, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 24, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 24, 2019	2.00	2.17	2.00	100.0%
18940601	417	379	MOORE	13132050	4	Jun 24, 2019	0.15	0.15	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 24, 2019	2.50	2.56	2.50	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 24, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jun 24, 2019	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 24, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 24, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jun 24, 2019	0.10	0.10	0.10	100.0%
18950601	242	212	MOORE	13132050	4	Jun 24, 2019	0.11	0.11	0.11	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 24, 2019	0.40	0.41	0.40	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 24, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 24, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jun 24, 2019	1.74	1.78	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 24, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jun 24, 2019	0.25	0.26	0.25	100.0%
18960601	402	876	MOORE	13132050	4	Jun 24, 2019	0.07	0.07	0.07	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 24, 2019	1.56	1.59	1.56	100.0%
18960601	441	207	MOORE	13132050	4	Jun 24, 2019	0.99	1.01	0.99	100.0%
18960601	459	993	MOORE	13132050	4	Jun 24, 2019	0.40	0.41	0.40	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 24, 2019	0.40	0.41	0.40	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 24, 2019	0.23	0.24	0.23	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 24, 2019	0.48	0.49	0.48	100.0%
18960601	263	397	MOORE	13132050	4	Jun 24, 2019	0.35	0.36	0.35	100.0%
18960601	96	457	MOORE	13132050	4	Jun 24, 2019	0.75	0.77	0.75	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 24, 2019	0.60	0.61	0.60	100.0%
18960601	417	992	MOORE	13132050	4	Jun 24, 2019	1.20	1.23	1.20	100.0%
18960601	417	381	MOORE	13132050	4	Jun 24, 2019	2.40	2.45	2.40	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 24, 2019	2.12	2.17	2.12	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 24, 2019	0.03	0.03	0.03	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 24, 2019	0.02	0.02	0.02	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 24, 2019	0.40	0.41	0.40	100.0%
18960601	533	424	MOORE	13132050	4	Jun 24, 2019	0.06	0.06	0.06	100.0%
18960601	263	399	MOORE	13132050	4	Jun 24, 2019	0.27	0.28	0.27	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 24, 2019	0.04	0.04	0.04	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jun 24, 2019	0.50	0.51	0.50	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 24, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 24, 2019	2.00	2.17	2.00	100.0%
18960901	437	671	ARCO	13132365	2	Jun 24, 2019	0.13	0.14	0.13	100.0%
18960928	15	80	MUNSEY	13132375	2	Jun 24, 2019	2.33	2.53	2.33	100.0%
18960928	90	46	MUNSEY	13132375	2	Jun 24, 2019	1.00	1.09	1.00	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 24, 2019	1.97	2.14	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 24, 2019	0.03	0.03	0.03	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 24, 2019	0.51	0.55	0.51	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 24, 2019	4.40	4.78	4.40	100.0%
18970510	437	664	ARCO	13132365	2	Jun 24, 2019	1.74	1.89	1.74	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 24, 2019	4.80	4.80	4.80	100.0%

18970515	130	1286	NEILSEN	13120805	9	Jun 24, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 24, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jun 24, 2019	0.22	0.22	0.22	100.0%
18980601	437	1310	ARCO	13132365	2	Jun 24, 2019	1.60	1.74	1.60	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 24, 2019	0.65	0.66	0.65	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 24, 2019	0.48	0.48	0.48	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 24, 2019	0.72	0.72	0.72	100.0%
18980901	268	562	ARCO	13132365	2	Jun 24, 2019	1.57	1.71	1.57	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 24, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jun 24, 2019	1.60	1.64	1.60	100.0%
18990327	2331	467	MOORE	13132050	4	Jun 24, 2019	0.60	0.61	0.60	100.0%
18990327	113	584	MOORE	13132050	4	Jun 24, 2019	0.03	0.03	0.03	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 24, 2019	0.01	0.01	0.01	100.0%
18990327	2331	469	MOORE	13132050	4	Jun 24, 2019	0.53	0.54	0.53	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 24, 2019	0.21	0.21	0.21	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 24, 2019	2.72	2.95	2.72	100.0%
18990601	126	1881	MOORE	13132050	4	Jun 24, 2019	0.08	0.08	0.08	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 24, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 24, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 24, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 24, 2019	0.52	0.52	0.52	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 24, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 24, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 24, 2019	6.40	6.40	6.40	100.0%
19010722	665	1851	ARCO	13132365	2	Jun 24, 2019	0.15	0.16	0.15	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 24, 2019	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jun 24, 2019	0.23	0.24	0.23	100.0%
19010901	70	339	MOORE	13132050	4	Jun 24, 2019	0.12	0.12	0.12	100.0%
19010901	459	684	MOORE	13132050	4	Jun 24, 2019	0.35	0.36	0.35	100.0%
19011001	263	396	MOORE	13132050	4	Jun 24, 2019	0.12	0.12	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 24, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 24, 2019	1.31	1.42	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 24, 2019	2.36	2.36	2.36	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 24, 2019	0.20	0.20	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 24, 2019	0.31	0.31	0.31	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 24, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 24, 2019	0.90	0.90	0.90	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 24, 2019	2.40	2.40	2.40	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 24, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 24, 2019	0.60	0.60	0.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 24, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 24, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 24, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 24, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 24, 2019	2.70	2.76	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jun 24, 2019	2.40	2.40	2.40	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 24, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 24, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jun 24, 2019	2.60	2.60	2.60	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 24, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 24, 2019	1.22	1.22	1.22	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 24, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 24, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 24, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 24, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 24, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 24, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 24, 2019	1.56	1.59	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 24, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 24, 2019	0.38	0.38	0.38	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 24, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 24, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 24, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 24, 2019	1.20	1.20	1.20	100.0%

19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 24, 2019	0.13	0.13	0.13	100.0%
19050501	59	2145	KENT	13120605	9	Jun 24, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 24, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	KENT	13120605	9	Jun 24, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 24, 2019	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 24, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 24, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 24, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	BITTON	13120735	9	Jun 24, 2019	0.02	0.02	0.02	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 24, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 24, 2019	0.31	0.31	0.31	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 24, 2019	0.50	0.50	0.50	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 24, 2019	0.04	0.04	0.04	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 24, 2019	1.30	1.30	1.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 24, 2019	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 24, 2019	0.30	0.30	0.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 24, 2019	0.65	0.65	0.65	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 24, 2019	0.40	0.40	0.40	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 24, 2019	0.12	0.12	0.12	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 24, 2019	0.82	0.82	0.82	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 24, 2019	0.10	0.10	0.10	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 24, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 24, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 24, 2019	0.20	0.20	0.20	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 24, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jun 24, 2019	0.19	0.19	0.19	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 24, 2019	0.20	0.20	0.20	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 24, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 24, 2019	1.37	1.37	1.37	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 24, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	KENT	13120605	9	Jun 24, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	KENT	13120605	9	Jun 24, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	BITTON	13120735	9	Jun 24, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 24, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 24, 2019	0.55	0.55	0.55	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 24, 2019	1.96	1.96	1.96	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 24, 2019	0.50	0.51	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jun 24, 2019	0.17	0.17	0.17	100.0%
19081207	459	344	MOORE	13132050	4	Jun 24, 2019	0.33	0.34	0.33	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jun 24, 2019	1.82	1.82	1.82	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 24, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 24, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 24, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 24, 2019	0.09	0.09	0.09	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 24, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 24, 2019	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	Jun 24, 2019	0.03	0.03	0.03	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 24, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 24, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 24, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 24, 2019	1.30	1.30	1.30	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 24, 2019	1.20	1.20	1.20	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 24, 2019	0.13	0.13	0.13	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jun 24, 2019	0.02	0.02	0.02	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 24, 2019	0.82	0.82	0.82	100.0%
19140103	59	1361	KENT	13120605	9	Jun 24, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	KENT	13120605	9	Jun 24, 2019	0.69	0.69	0.69	100.0%
19140103	2610	2092	KENT	13120605	9	Jun 24, 2019	0.77	0.77	0.77	100.0%
19140103	2610	2092	BITTON	13120735	9	Jun 24, 2019	0.77	0.77	0.77	100.0%
19140103	59	2233	BITTON	13120735	9	Jun 24, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 24, 2019	0.04	0.04	0.04	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 24, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 24, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 24, 2019	0.80	0.80	0.80	100.0%

19160212	279	2123	Anderson	13120745	9	Jun 24, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 24, 2019	0.11	0.11	0.11	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 24, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 24, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 24, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 24, 2019	0.88	0.88	0.88	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jun 24, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 24, 2019	1.16	1.16	1.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 24, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 24, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 24, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 24, 2019	0.50	0.51	0.50	100.0%
19440508	437	737	ARCO	13132365	2	Jun 24, 2019	0.18	0.20	0.18	100.0%
19600501	90	175	MOORE	13132050	4	Jun 24, 2019	0.44	0.45	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jun 24, 2019	0.11	0.11	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 24, 2019	4.90	5.01	4.90	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 24, 2019	3.70	4.02	3.70	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 24, 2019	16.00	17.38	16.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 24, 2019	0.82	0.84	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 24, 2019	8.06	8.24	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 24, 2019	21.58	22.06	21.58	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 24, 2019	15.34	16.66	15.34	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jun 24, 2019	2.10	2.28	1.30	61.9%
19950411	476	1273	BECK	13130525	4	Jun 24, 2019	1.80	1.84	1.80	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 24, 2019	4.96	4.96	4.96	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 24, 2019	39.40	39.40	38.00	96.4%
19950411	476	1273	BURNETT	13127750	5	Jun 24, 2019	35.96	35.96	35.96	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 24, 2019	15.00	15.00	15.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 24, 2019	4.78	4.78	4.78	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 24, 2019	6.00	6.00	6.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 24, 2019	9969.40	9969.40	418.47	4.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 25, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 25	803.0	4.0	0.0	807.0	0.00	807.0	4.0	0.0	0.0	803.0	0.0	0.0
9	Howell to Chilly	Jun 25	660.0	118.4	0.0	-24.6	0.03	782.4	115.1	3.3	0.0	663.3	-3.3	0.0
8	Chilly to Reservoir	* Jun 25	741.1	71.3	0.0	152.5	0.00	934.9	65.1	6.2	0.0	750.7	-9.6	0.0
	Connected													
7	Mackay Reservoir	* Jun 25	708.6	0.0	0.0	0.0	0.00	1024.3	407.7		0.0	343.0	365.6	0.0
6	Reservoir to 2B	Jun 25	697.0	11.6	0.0	0.0	0.00	934.9	11.5	0.1	0.0	331.5	365.5	0.0
5	2B to Leslie	Jun 25	607.0	179.4	0.0	89.4	0.00	1024.3	168.6	10.8	0.0	252.3	354.7	0.0
4	Leslie to Moore	Jun 25	342.5	235.3	0.0	-29.2	0.05	1024.3	163.2	72.1	0.0	77.0	265.5	0.0
2	Moore to blw Munsey	Jun 25	265.0	80.0	0.0	2.5	0.00	1026.8	79.5	0.5	0.0	0.0	265.0	0.0
1	Blw Munsey to Arco	Jun 25	267.0	0.0	0.0	2.0	0.00	1028.8	0.0	0.0	0.0	2.0	265.0	0.0
							TOTAL		1014.7	93.0	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 25	0.0	0.0		20180101	4%
9	Howell to Chilly	Jun 25	0.0	0.0		20180101	4%
8	Chilly to Reservoir	Jun 25	0.0	0.0		20180101	4%
	Connected						
7	Mackay Reservoir	Jun 25	0.0	0.0		20180101	4%
6	Reservoir to 2B	Jun 25	0.0	0.0		20180101	4%
5	2B to Leslie	Jun 25	0.0	0.0		20180101	4%
4	Leslie to Moore	Jun 25	12.1	17.1		20180101	4%
2	Moore to blw Munsey	Jun 25	0.0	0.0		20180101	4%
1	Blw Munsey to Arco	Jun 25	0.0	0.0		20180101	4%
		TOTAL	12.1	17.1	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	355.4
2	18810630	1.7	294.0	188.8
3	18880601	3.2	556.5	355.4
4	18960601	6.4	1113.0	710.9
5	19020301	0.8	140.0	88.9
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	60646.4
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	106196.9

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44290.0	44330.0	40.0	20.2	12.4

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	62345.9
Total Storage Loss	-34439.2
Total Storage Deliver	-11708.6
Total Evaporation	-740.4
Accounting Balance	44327.7
Current Res Content	44330.0
Storage Balance Error	-2.3

DAILY STORAGE BALANCE

```
 44290.0 Reservoir Content Previous Day [ac-ft]
 44330.0 Reservoir Content Current Day [ac-ft]
    40.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------
           808.6 Storage Allocated to Mackay Reservoir [ac-ft]

          -559.5 Stored Flow Losses [ac-ft]
                 0.0 2B to Leslie [cfs]
               -17.1 Leslie to Moore [cfs]
                 0.0 Moore blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
              -265.0 Past Arco Gage [cfs]

          -184.5 Storage Delivered [ac-ft]
                 9.5 Above Reservoir [cfs]
                 0.1 Reservoir to 2B [cfs]
                10.8 2B to Leslie [cfs]
                72.1 Leslie to Moore [cfs]
                 0.5 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

           -24.5 Evaporation [ac-ft]

    40.1 Accounting Change in Storage [ac-ft]
-------------------------------------------------------
     0.1 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   741.1 Gain in/above Mackay Reservoir [cfs]
    89.4 Gain in Reach 5: 2-B to Leslie [cfs]
     0.0 Gain in Reach 4: Leslie to Moore [cfs]
     2.5 Gain in Reach 2: Moore to Munsey [cfs]
     2.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------
   835.0 Total Available Natural Flow [cfs]
-------------------------------------------------------
           407.7 Reservoir Rights Diverted [cfs]

            14.1 Natural Flow Losses below Reservoir [cfs]
                 0.0 2B to Leslie [cfs]
                12.1 Leslie to Moore [cfs]
                 0.0 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
                 2.0 Natural Flow Past Arco Gage [cfs]

           413.3 Natural Flow Delivered [cfs]
                -9.5 Above Reservoir Storage Use [cfs]
                11.5 Reservoir to 2B [cfs]
               168.6 2B to Leslie [cfs]
               163.2 Leslie to Moore [cfs]
                79.5 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

   835.1 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------
    -0.1 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.4	570
Eastside Felton Wier +	38.8	1940
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	50.2	2510
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.4	118
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	76.4	3822
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.4	168
Island Wanstrom David +	0.0	0
Eastside OUT	32.0	1600
Total Out	118.9	5946

Abbreviated Reach Delivery Factor 2.37
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 428.3%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 32.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 7.5 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 78.7%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 9.5 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 77.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 259.7%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 337.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 25, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.3	0.0	0.2	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.6	0.1	15.6
9	BITTON	6.3	0.0	0.2	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.7	0.1	46.7	8	No Tellum 4	3.2	0.0	0.0	5	SWAUGER	19.4	0.0	262.7
9	Thalman Hunter D	4.7	0.1	38.7	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	61.0	3.1	677.4
9	NEILSEN	43.5	3.2	352.5	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	84.0	7.7	1128.1
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	15.0	0.0	0.0
9	CHILLY	42.0	0.0	0.0	8	Broken River Pum	4.0	0.0	11.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	6.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	15.8	6.6	403.6
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.4	0.0	0.0	4	PEHRSON	4.0	4.0	293.6
8	Donahue 1	0.8	0.7	86.5	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	4.2
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	186.4
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	6.0	0.0	0.0	8	Freeman Ditch	2.6	0.0	0.0	4	MOORE	120.0	11.0	2485.1
8	Mtn. Springs 1	0.0	5.5	359.6	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	77.5	48.3	5211.6
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.5	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	37.0	1.3	620.8
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	43.0	0.0	226.9
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	4.0	365.0	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 25, 2019	2.08	2.08	2.08	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 25, 2019	3.12	3.12	3.12	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 25, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 25, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 25, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 25, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 25, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 25, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 4	13123155	8	Jun 25, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 25, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 25, 2019	3.00	3.00	3.00	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 25, 2019	0.79	0.83	0.79	100.0%
18830601	221	855	MOORE	13132050	4	Jun 25, 2019	1.60	1.68	1.60	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 25, 2019	0.27	0.29	0.27	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 25, 2019	1.54	1.62	1.54	100.0%
18830601	645	2057	MOORE	13132050	4	Jun 25, 2019	0.09	0.09	0.09	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 25, 2019	1.72	1.81	1.72	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 25, 2019	1.13	1.19	1.13	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 25, 2019	0.18	0.19	0.18	100.0%
18830810	263	393	MOORE	13132050	4	Jun 25, 2019	0.18	0.19	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 25, 2019	0.01	0.01	0.01	100.0%
18830810	96	449	MOORE	13132050	4	Jun 25, 2019	0.48	0.50	0.48	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	0.21	0.22	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	0.43	0.45	0.43	100.0%
18840422	236	30	BECK	13130525	4	Jun 25, 2019	1.64	1.72	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 25, 2019	0.14	0.15	0.14	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 25, 2019	1.12	1.12	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 25, 2019	0.07	0.07	0.07	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 25, 2019	1.44	1.44	1.44	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 25, 2019	1.63	1.63	1.63	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 25, 2019	0.96	0.96	0.96	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 25, 2019	0.20	0.20	0.20	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jun 25, 2019	0.14	0.14	0.14	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 25, 2019	0.55	0.55	0.55	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 25, 2019	0.80	0.80	0.80	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 25, 2019	2.00	2.00	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 25, 2019	0.79	0.79	0.79	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 25, 2019	1.92	1.92	1.92	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 25, 2019	0.21	0.21	0.21	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 25, 2019	0.50	0.50	0.50	100.0%
18840422	284	228	SHARP	13126500	6	Jun 25, 2019	0.13	0.13	0.13	100.0%
18840422	347	938	SHARP	13126500	6	Jun 25, 2019	4.00	4.00	4.00	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 25, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 25, 2019	0.12	0.12	0.12	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 25, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jun 25, 2019	1.00	1.05	1.00	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 25, 2019	1.20	1.20	1.20	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 25, 2019	0.40	0.40	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 25, 2019	0.77	0.77	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 25, 2019	1.23	1.23	1.23	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 25, 2019	0.80	0.80	0.80	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 25, 2019	0.40	0.40	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 25, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 25, 2019	1.80	1.80	1.80	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 25, 2019	2.24	2.35	2.24	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 25, 2019	0.80	0.84	0.80	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 25, 2019	0.50	0.53	0.50	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 25, 2019	2.14	2.25	2.14	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 25, 2019	1.60	1.68	1.60	100.0%

18840520	113	585	MOORE	13132050	4	Jun 25, 2019	0.11	0.12	0.11	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 25, 2019	0.78	0.82	0.78	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 25, 2019	0.18	0.19	0.18	100.0%
18840520	427	1	MOORE	13132050	4	Jun 25, 2019	1.12	1.18	1.12	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 25, 2019	0.01	0.01	0.01	100.0%
18840520	433	271	MOORE	13132050	4	Jun 25, 2019	0.54	0.57	0.54	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 25, 2019	0.04	0.04	0.04	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 25, 2019	0.01	0.01	0.01	100.0%
18840520	96	451	MOORE	13132050	4	Jun 25, 2019	0.58	0.61	0.58	100.0%
18840520	242	210	MOORE	13132050	4	Jun 25, 2019	0.21	0.22	0.21	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 25, 2019	0.22	0.23	0.22	100.0%
18840520	263	394	MOORE	13132050	4	Jun 25, 2019	0.22	0.23	0.22	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 25, 2019	0.02	0.02	0.02	100.0%
18840520	645	2056	MOORE	13132050	4	Jun 25, 2019	0.17	0.18	0.17	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	0.80	0.84	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 25, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 25, 2019	0.72	0.72	0.72	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 25, 2019	0.09	0.09	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 25, 2019	0.54	0.57	0.54	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 25, 2019	1.28	1.34	1.28	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 25, 2019	0.01	0.01	0.01	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 25, 2019	0.08	0.08	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Jun 25, 2019	0.21	0.22	0.21	100.0%
18840601	62	1013	MOORE	13132050	4	Jun 25, 2019	1.20	1.26	1.20	100.0%
18840601	263	395	MOORE	13132050	4	Jun 25, 2019	0.08	0.08	0.08	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 25, 2019	0.16	0.17	0.16	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 25, 2019	0.13	0.13	0.13	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 25, 2019	0.27	0.27	0.27	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 25, 2019	0.73	0.73	0.73	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 25, 2019	0.80	0.80	0.80	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 25, 2019	0.37	0.37	0.37	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 25, 2019	0.23	0.23	0.23	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 25, 2019	0.20	0.20	0.20	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 25, 2019	0.20	0.20	0.20	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 25, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 4	13123155	8	Jun 25, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 25, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 25, 2019	0.80	0.80	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jun 25, 2019	0.80	0.84	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jun 25, 2019	0.54	0.57	0.54	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 25, 2019	0.80	0.84	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 25, 2019	0.80	0.84	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 25, 2019	1.20	1.26	1.20	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 25, 2019	1.20	1.26	1.20	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 25, 2019	0.09	0.09	0.09	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 25, 2019	0.40	0.42	0.40	100.0%
18840831	533	421	MOORE	13132050	4	Jun 25, 2019	0.14	0.15	0.14	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	0.44	0.46	0.44	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	0.50	0.53	0.50	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	0.40	0.42	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 25, 2019	3.20	3.36	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 25, 2019	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 25, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jun 25, 2019	1.76	1.85	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Jun 25, 2019	0.31	0.33	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Jun 25, 2019	0.58	0.61	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 25, 2019	0.89	0.93	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 25, 2019	1.25	1.31	1.25	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 25, 2019	1.20	1.20	1.20	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 25, 2019	3.00	3.00	3.00	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 25, 2019	0.74	0.74	0.74	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 25, 2019	0.72	0.72	0.72	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 25, 2019	2.78	2.78	2.78	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 25, 2019	2.77	2.77	2.77	100.0%

18841012	220	1667	DARLINGTON	13127735	5	Jun 25, 2019	1.09	1.09	1.09	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 25, 2019	0.96	0.96	0.96	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 25, 2019	1.65	1.65	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 25, 2019	2.00	2.00	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 25, 2019	0.79	0.79	0.79	100.0%
18850501	426	887	ARCO	13132365	2	Jun 25, 2019	0.64	0.67	0.61	95.2%
18850501	468	59	ARCO	13132365	2	Jun 25, 2019	0.74	0.78	0.70	95.2%
18850501	423	87	ARCO	13132365	2	Jun 25, 2019	0.20	0.21	0.19	95.2%
18850501	423	186	ARCO	13132365	2	Jun 25, 2019	0.26	0.27	0.25	95.2%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 25, 2019	1.80	1.89	1.80	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 25, 2019	0.20	0.21	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 25, 2019	0.24	0.25	0.24	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 25, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 25, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	0.20	0.21	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	1.40	1.47	1.40	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 25, 2019	0.48	0.50	0.48	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 25, 2019	0.30	0.32	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 25, 2019	0.56	0.59	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 25, 2019	1.00	1.00	1.00	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 25, 2019	1.56	1.63	1.56	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 25, 2019	2.75	2.75	2.75	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jun 25, 2019	0.98	0.98	0.98	100.0%
18850601	205	2064	BECK	13130525	4	Jun 25, 2019	0.59	0.62	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 25, 2019	1.20	1.26	1.20	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 25, 2019	1.31	1.31	1.31	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 25, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 25, 2019	1.40	1.40	1.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 25, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 25, 2019	1.10	1.10	1.10	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 25, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 25, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 25, 2019	1.54	1.54	1.54	100.0%
18851002	437	62	ARCO	13132365	2	Jun 25, 2019	1.54	1.62	0.88	56.8%
18851002	468	61	ARCO	13132365	2	Jun 25, 2019	3.60	3.78	3.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 25, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 25, 2019	1.60	1.68	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jun 25, 2019	1.20	1.26	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 25, 2019	2.80	2.94	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 25, 2019	2.56	2.69	2.56	100.0%
18860512	263	398	MOORE	13132050	4	Jun 25, 2019	0.18	0.19	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 25, 2019	0.18	0.19	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 25, 2019	0.01	0.01	0.01	100.0%
18860512	96	459	MOORE	13132050	4	Jun 25, 2019	0.48	0.50	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	1.61	1.69	1.61	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 25, 2019	0.08	0.08	0.08	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 25, 2019	2.40	2.52	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 25, 2019	0.20	0.21	0.20	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	1.60	1.68	1.60	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	1.00	1.05	1.00	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	1.24	1.30	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 25, 2019	1.60	1.60	1.60	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 25, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	1.00	1.05	1.00	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	0.50	0.53	0.50	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	0.10	0.11	0.10	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 25, 2019	0.60	0.60	0.60	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 25, 2019	0.45	0.45	0.45	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 25, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 25, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 25, 2019	0.84	0.88	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 25, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 25, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 25, 2019	0.34	0.34	0.34	100.0%

18870302	618	1510	MOORE	13132050	4	Jun 25, 2019	1.60	1.68	1.60	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 25, 2019	3.20	3.36	3.20	100.0%
18870313	70	337	MOORE	13132050	4	Jun 25, 2019	0.23	0.24	0.23	100.0%
18870313	459	338	MOORE	13132050	4	Jun 25, 2019	0.42	0.44	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jun 25, 2019	0.65	0.68	0.65	100.0%
18870313	433	683	MOORE	13132050	4	Jun 25, 2019	0.13	0.14	0.13	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 25, 2019	1.00	1.00	1.00	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 25, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 25, 2019	2.80	2.80	2.80	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 25, 2019	2.54	2.67	2.54	100.0%
18870601	423	76	ARCO	13132365	2	Jun 25, 2019	0.22	0.23	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 25, 2019	1.80	1.89	1.80	100.0%
18870601	19	892	MUNSEY	13132375	2	Jun 25, 2019	1.20	1.26	1.20	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jun 25, 2019	0.50	0.53	0.50	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 25, 2019	1.00	1.05	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 25, 2019	3.20	3.36	3.20	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 25, 2019	0.16	0.16	0.16	100.0%
18870601	490	1783	BURNETT	13127750	5	Jun 25, 2019	0.27	0.27	0.27	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 25, 2019	0.25	0.25	0.25	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 25, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 25, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 4	13123155	8	Jun 25, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 25, 2019	0.96	0.96	0.96	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 25, 2019	1.44	1.44	1.44	100.0%
18870630	236	1428	BECK	13130525	4	Jun 25, 2019	0.36	0.38	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 25, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jun 25, 2019	1.42	1.49	1.42	100.0%
18870801	119	1166	BURNETT	13127750	5	Jun 25, 2019	0.07	0.07	0.07	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 25, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 25, 2019	0.49	0.49	0.49	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 25, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 25, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jun 25, 2019	0.33	0.35	0.33	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	2.40	2.52	2.40	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 25, 2019	0.76	0.76	0.76	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 25, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 25, 2019	0.48	0.48	0.48	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 25, 2019	0.72	0.72	0.72	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 25, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 25, 2019	0.40	0.42	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 25, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 25, 2019	0.73	0.73	0.73	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 25, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 25, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 25, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	KENT	13120605	9	Jun 25, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 25, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 25, 2019	0.83	0.83	0.83	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jun 25, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 25, 2019	1.12	1.18	1.12	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 25, 2019	0.50	0.53	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jun 25, 2019	0.97	1.02	0.97	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 25, 2019	0.70	0.70	0.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 25, 2019	1.20	1.20	1.20	100.0%
18900601	426	756	ARCO	13132365	2	Jun 25, 2019	0.57	0.60	0.57	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 25, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 25, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 25, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 25, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 25, 2019	1.76	1.76	1.76	100.0%
18910630	205	2065	BECK	13130525	4	Jun 25, 2019	0.65	0.68	0.65	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 25, 2019	0.60	0.63	0.60	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 25, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 25, 2019	0.20	0.21	0.20	100.0%

18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jun 25, 2019	0.16	0.17	0.16	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 25, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 25, 2019	1.45	1.45	1.45	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 25, 2019	0.30	0.32	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 25, 2019	0.22	0.23	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 25, 2019	0.30	0.32	0.30	100.0%
18930323	77	366	MOORE	13132050	4	Jun 25, 2019	1.60	1.68	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jun 25, 2019	0.80	0.84	0.80	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 25, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 25, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	KENT	13120605	9	Jun 25, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	KENT	13120605	9	Jun 25, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 25, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 25, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 25, 2019	0.03	0.03	0.03	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 25, 2019	0.96	0.96	0.96	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 25, 2019	0.44	0.44	0.44	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 25, 2019	2.80	2.80	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 25, 2019	0.40	0.40	0.40	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 25, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 25, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 25, 2019	3.20	3.36	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jun 25, 2019	0.15	0.16	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	2.50	2.63	2.50	100.0%
18940601	284	229	SHARP	13126500	6	Jun 25, 2019	0.15	0.15	0.15	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 25, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 25, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 25, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jun 25, 2019	0.10	0.11	0.10	100.0%
18950601	242	212	MOORE	13132050	4	Jun 25, 2019	0.11	0.12	0.11	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	0.40	0.42	0.40	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 25, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 25, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jun 25, 2019	1.74	1.83	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 25, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jun 25, 2019	0.25	0.27	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jun 25, 2019	0.25	0.27	0.25	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 25, 2019	2.12	2.23	2.12	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 25, 2019	0.02	0.02	0.02	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 25, 2019	0.60	0.63	0.60	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 25, 2019	0.03	0.03	0.03	100.0%
18960601	417	992	MOORE	13132050	4	Jun 25, 2019	1.20	1.26	1.20	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 25, 2019	0.40	0.42	0.40	100.0%
18960601	417	381	MOORE	13132050	4	Jun 25, 2019	2.40	2.52	2.40	100.0%
18960601	402	876	MOORE	13132050	4	Jun 25, 2019	0.07	0.07	0.07	100.0%
18960601	441	207	MOORE	13132050	4	Jun 25, 2019	0.99	1.04	0.99	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 25, 2019	1.56	1.64	1.56	100.0%
18960601	96	457	MOORE	13132050	4	Jun 25, 2019	0.75	0.79	0.75	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 25, 2019	0.48	0.50	0.48	100.0%
18960601	459	993	MOORE	13132050	4	Jun 25, 2019	0.40	0.42	0.40	100.0%
18960601	263	399	MOORE	13132050	4	Jun 25, 2019	0.27	0.28	0.27	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 25, 2019	0.23	0.24	0.23	100.0%
18960601	309	877	MOORE	13132050	4	Jun 25, 2019	0.07	0.07	0.07	100.0%
18960601	533	424	MOORE	13132050	4	Jun 25, 2019	0.06	0.06	0.06	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 25, 2019	0.40	0.42	0.40	100.0%
18960601	263	397	MOORE	13132050	4	Jun 25, 2019	0.35	0.37	0.35	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 25, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 25, 2019	2.00	2.10	2.00	100.0%
18960901	437	671	ARCO	13132365	2	Jun 25, 2019	0.13	0.14	0.13	100.0%
18960928	15	80	MUNSEY	13132375	2	Jun 25, 2019	2.33	2.45	2.33	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 25, 2019	4.40	4.62	4.40	100.0%
18960928	90	46	MUNSEY	13132375	2	Jun 25, 2019	1.00	1.05	1.00	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 25, 2019	0.51	0.54	0.51	100.0%

18960928	150	216	MUNSEY	13132375	2	Jun 25, 2019	0.03	0.03	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 25, 2019	1.97	2.07	1.97	100.0%
18970510	437	664	ARCO	13132365	2	Jun 25, 2019	1.74	1.83	1.74	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 25, 2019	6.00	6.00	6.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 25, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 25, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jun 25, 2019	0.22	0.23	0.22	100.0%
18980601	437	1310	ARCO	13132365	2	Jun 25, 2019	1.60	1.68	1.60	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	0.65	0.68	0.65	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 25, 2019	0.48	0.48	0.48	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 25, 2019	0.72	0.72	0.72	100.0%
18980901	268	562	ARCO	13132365	2	Jun 25, 2019	1.57	1.65	1.57	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 25, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	1.00	1.05	1.00	100.0%
18990327	2331	467	MOORE	13132050	4	Jun 25, 2019	0.60	0.63	0.60	100.0%
18990327	2331	469	MOORE	13132050	4	Jun 25, 2019	0.53	0.56	0.53	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 25, 2019	0.21	0.22	0.21	100.0%
18990327	113	584	MOORE	13132050	4	Jun 25, 2019	0.03	0.03	0.03	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 25, 2019	0.01	0.01	0.01	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 25, 2019	2.72	2.86	2.72	100.0%
18990601	126	1881	MOORE	13132050	4	Jun 25, 2019	0.08	0.08	0.08	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 25, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 25, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 25, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 25, 2019	0.52	0.52	0.52	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 25, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 25, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 25, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	0.20	0.21	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jun 25, 2019	0.15	0.15	0.15	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 25, 2019	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jun 25, 2019	0.23	0.24	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jun 25, 2019	0.35	0.37	0.35	100.0%
19010901	70	339	MOORE	13132050	4	Jun 25, 2019	0.12	0.13	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 25, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jun 25, 2019	0.12	0.13	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 25, 2019	1.31	1.38	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 25, 2019	2.36	2.36	2.36	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	0.20	0.21	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 25, 2019	0.31	0.32	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	0.20	0.21	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 25, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 25, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 25, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 25, 2019	0.60	0.60	0.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 25, 2019	3.20	3.20	3.20	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 25, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 25, 2019	2.40	2.40	2.40	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 25, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 25, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 25, 2019	2.70	2.84	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jun 25, 2019	2.40	2.40	2.40	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 25, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 25, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jun 25, 2019	2.60	2.60	2.60	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 25, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 25, 2019	1.22	1.22	1.22	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 25, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 25, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 25, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 25, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 25, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 25, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 25, 2019	1.56	1.64	1.56	100.0%

19040601	279	2127	Anderson	13120745	9	Jun 25, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 25, 2019	0.38	0.38	0.38	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 25, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 25, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 25, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 25, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 25, 2019	0.13	0.13	0.13	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 25, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	KENT	13120605	9	Jun 25, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	KENT	13120605	9	Jun 25, 2019	0.45	0.45	0.45	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 25, 2019	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 25, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 25, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 25, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	BITTON	13120735	9	Jun 25, 2019	0.02	0.02	0.02	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 25, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 25, 2019	0.31	0.31	0.31	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 25, 2019	0.04	0.04	0.04	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 25, 2019	0.65	0.65	0.65	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 25, 2019	0.10	0.10	0.10	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 25, 2019	0.40	0.40	0.40	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 25, 2019	3.00	3.00	3.00	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 25, 2019	0.12	0.12	0.12	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 25, 2019	0.30	0.30	0.30	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 25, 2019	0.50	0.50	0.50	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 25, 2019	1.30	1.30	1.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 25, 2019	0.82	0.82	0.82	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 25, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 25, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 25, 2019	0.20	0.20	0.20	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 25, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jun 25, 2019	0.19	0.20	0.19	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 25, 2019	0.20	0.20	0.20	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 25, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 25, 2019	1.37	1.37	1.37	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 25, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	KENT	13120605	9	Jun 25, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	Jun 25, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 25, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	BITTON	13120735	9	Jun 25, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 25, 2019	0.55	0.55	0.55	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 25, 2019	1.96	1.96	1.96	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 25, 2019	0.50	0.53	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jun 25, 2019	0.17	0.18	0.17	100.0%
19081207	459	344	MOORE	13132050	4	Jun 25, 2019	0.33	0.35	0.33	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jun 25, 2019	1.82	1.82	1.82	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 25, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 25, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 25, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 25, 2019	0.09	0.09	0.09	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 25, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 25, 2019	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	Jun 25, 2019	0.03	0.03	0.03	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 25, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 25, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 25, 2019	1.30	1.30	1.30	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 25, 2019	1.20	1.20	1.20	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 25, 2019	2.10	2.10	2.10	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	0.13	0.14	0.13	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jun 25, 2019	0.02	0.02	0.02	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 25, 2019	0.82	0.82	0.82	100.0%
19140103	2610	2092	KENT	13120605	9	Jun 25, 2019	0.77	0.77	0.77	100.0%
19140103	59	2233	KENT	13120605	9	Jun 25, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	KENT	13120605	9	Jun 25, 2019	0.04	0.04	0.04	100.0%

19140103	2610	2092	BITTON	13120735	9	Jun 25, 2019	0.77	0.77	0.77	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 25, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jun 25, 2019	0.69	0.69	0.69	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 25, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 25, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 25, 2019	0.02	0.02	0.02	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 25, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 25, 2019	0.11	0.11	0.11	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 25, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 25, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 25, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 25, 2019	0.88	0.88	0.88	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jun 25, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 25, 2019	1.16	1.16	1.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 25, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 25, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 25, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 25, 2019	0.50	0.53	0.50	100.0%
19440508	437	737	ARCO	13132365	2	Jun 25, 2019	0.18	0.19	0.18	100.0%
19600501	90	175	MOORE	13132050	4	Jun 25, 2019	0.44	0.46	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jun 25, 2019	0.11	0.12	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 25, 2019	4.90	5.15	4.90	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 25, 2019	3.70	3.89	3.70	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 25, 2019	16.00	16.81	16.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 25, 2019	0.82	0.86	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 25, 2019	8.06	8.47	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 25, 2019	26.06	27.38	26.06	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 25, 2019	15.94	16.75	15.94	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jun 25, 2019	3.00	3.15	2.20	73.3%
19950411	476	1273	BECK	13130525	4	Jun 25, 2019	3.20	3.36	3.20	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 25, 2019	5.06	5.06	5.06	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 25, 2019	30.36	30.36	30.36	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 25, 2019	41.46	41.46	41.46	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 25, 2019	15.00	15.00	15.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 25, 2019	4.78	4.78	4.78	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 25, 2019	6.00	6.00	6.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 25, 2019	9969.40	9969.40	392.36	3.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 26, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 26	849.0	4.0	0.0	853.0	0.00	853.0	4.0	0.0	0.0	849.0	0.0	0.0
9	Howell to Chilly	Jun 26	688.0	118.4	0.0	-42.6	0.05	810.4	115.1	3.3	0.0	691.3	-3.3	0.0
8	Chilly to Reservoir	* Jun 26	762.3	70.3	0.0	144.7	0.00	955.1	64.1	6.2	0.0	771.9	-9.6	0.0
	Connected													
7	Mackay Reservoir	* Jun 26	705.0	0.0	0.0	0.0	0.00	1013.5	397.9		0.0	374.0	331.0	0.0
6	Reservoir to 2B	Jun 26	693.0	12.0	0.0	0.0	0.00	955.1	11.9	0.1	0.0	362.1	330.9	0.0
5	2B to Leslie	Jun 26	569.0	182.4	0.0	58.4	0.00	1013.5	169.2	13.2	0.0	251.3	317.7	0.0
4	Leslie to Moore	Jun 26	257.2	240.3	0.0	-71.5	0.13	1013.5	164.0	76.2	0.0	55.7	201.6	0.0
2	Moore to blw Munsey	Jun 26	201.0	80.0	0.0	23.8	0.00	1037.2	79.4	0.6	0.0	0.0	201.0	0.0
1	Blw Munsey to Arco	Jun 26	207.0	0.0	0.0	6.0	0.00	1043.2	0.0	0.0	0.0	6.0	201.0	0.0
								TOTAL	1005.7	99.6	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 26	0.0	0.0		20180101	4%
9	Howell to Chilly	Jun 26	0.0	0.0		20180101	4%
8	Chilly to Reservoir	Jun 26	0.0	0.0		20180101	4%
	Connected						
7	Mackay Reservoir	Jun 26	0.0	0.0		20180101	4%
6	Reservoir to 2B	Jun 26	0.0	0.0		20180101	4%
5	2B to Leslie	Jun 26	0.0	0.0		20180101	4%
4	Leslie to Moore	Jun 26	31.6	39.9		20180101	4%
2	Moore to blw Munsey	Jun 26	0.0	0.0		20180101	4%
1	Blw Munsey to Arco	Jun 26	0.0	0.0		20180101	4%
		TOTAL	31.6	39.9	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	361.8
2	18810630	1.7	294.0	192.2
3	18880601	3.2	556.5	361.8
4	18960601	6.4	1113.0	723.6
5	19020301	0.8	140.0	90.4
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	61405.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	106986.1

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44330.0	44420.0	90.0	45.4	12.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	63135.1
Total Storage Loss	-34917.0
Total Storage Deliver	-11906.2
Total Evaporation	-764.2
Accounting Balance	44417.7
Current Res Content	44420.0
Storage Balance Error	-2.3

DAILY STORAGE BALANCE

44330.0	Reservoir Content Previous Day [ac-ft]
44420.0	Reservoir Content Current Day [ac-ft]
90.0	Physical Change in Storage [ac-ft]
789.2	Storage Allocated to Mackay Reservoir [ac-ft]
-477.8	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-39.9	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-201.0	Past Arco Gage [cfs]
-197.5	Storage Delivered [ac-ft]
9.5	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
13.2	2B to Leslie [cfs]
76.2	Leslie to Moore [cfs]
0.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-23.7	Evaporation [ac-ft]
90.2	Accounting Change in Storage [ac-ft]
0.2	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

762.3	Gain in/above Mackay Reservoir [cfs]
58.4	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
23.8	Gain in Reach 2: Moore to Munsey [cfs]
6.0	Gain in Reach 1: Munsey to Arco [cfs]
850.4	Total Available Natural Flow [cfs]
397.9	Reservoir Rights Diverted [cfs]
37.6	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
31.6	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
6.0	Natural Flow Past Arco Gage [cfs]
415.0	Natural Flow Delivered [cfs]
-9.5	Above Reservoir Storage Use [cfs]
11.9	Reservoir to 2B [cfs]
169.2	2B to Leslie [cfs]
164.0	Leslie to Moore [cfs]
79.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
850.5	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	12.3	615
Eastside Felton Wier +	51.5	2575
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	63.8	3190
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.4	118
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	148.9	7447
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.4	168
Island Wanstrom David +	0.0	0
Eastside OUT	39.0	1950
Total Out	198.4	9921
Abbreviated Reach Delivery Factor Total Out Divided By Total In	3.11	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 575.2%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 39.0 cfs
Step 4 - River at Weirs	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 6.8 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 93.7%
Step 6 - River at Eastside In	River at Weirs --- Upper Reach Delivery Factor	= 7.2 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 78.8 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 437.7%
Step 9 - Eastside River Delivery Factor	River at Eastside Out --- River at Eastside In	= 538.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 26, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.3	0.0	0.2	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	12.0	0.1	15.8
9	BITTON	6.3	0.0	0.2	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.7	0.1	46.8	8	No Tellum 4	3.2	0.0	0.0	5	SWAUGER	19.4	0.0	262.7
9	Thalman Hunter D	4.7	0.1	38.8	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	64.1	5.5	688.2
9	NEILSEN	43.5	3.2	358.9	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	83.9	7.7	1143.3
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	15.0	0.0	0.0
9	CHILLY	42.0	0.0	0.0	8	Broken River Pum	4.0	0.0	11.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	6.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	13.5	8.0	419.4
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.4	0.0	0.0	4	PEHRSON	4.0	4.0	301.5
8	Donahue 1	0.8	0.7	87.9	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	4.4
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	190.4
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	2.6	0.0	0.0	4	MOORE	126.0	11.0	2506.9
8	Mtn. Springs 1	0.0	5.5	370.6	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	78.8	51.1	5312.9
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.5	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	37.0	2.3	625.4
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	43.0	1.4	229.6
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	4.0	372.9	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 26, 2019	2.08	2.08	2.08	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 26, 2019	3.12	3.12	3.12	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 26, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 26, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 26, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 26, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 26, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 26, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 4	13123155	8	Jun 26, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 26, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 26, 2019	3.00	3.00	3.00	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 26, 2019	0.27	0.31	0.27	100.0%
18830601	221	855	MOORE	13132050	4	Jun 26, 2019	1.60	1.83	1.60	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 26, 2019	0.79	0.90	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 26, 2019	1.54	1.76	1.54	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 26, 2019	1.72	1.97	1.72	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 26, 2019	1.13	1.29	1.13	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 26, 2019	0.01	0.01	0.01	100.0%
18830810	263	393	MOORE	13132050	4	Jun 26, 2019	0.18	0.21	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 26, 2019	0.18	0.21	0.18	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	0.43	0.49	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	0.21	0.24	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 26, 2019	1.64	1.88	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 26, 2019	0.14	0.16	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 26, 2019	0.07	0.07	0.07	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 26, 2019	1.12	1.12	1.12	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 26, 2019	1.00	1.00	1.00	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 26, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 26, 2019	0.55	0.55	0.55	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 26, 2019	0.96	0.96	0.96	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 26, 2019	0.20	0.20	0.20	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jun 26, 2019	0.14	0.14	0.14	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 26, 2019	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 26, 2019	2.00	2.00	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 26, 2019	0.79	0.79	0.79	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 26, 2019	1.92	1.92	1.92	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 26, 2019	0.21	0.21	0.21	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 26, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 26, 2019	0.12	0.12	0.12	100.0%
18840422	284	228	SHARP	13126500	6	Jun 26, 2019	0.13	0.13	0.13	100.0%
18840422	347	938	SHARP	13126500	6	Jun 26, 2019	4.00	4.00	4.00	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 26, 2019	0.50	0.50	0.50	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 26, 2019	0.40	0.40	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 26, 2019	1.60	1.60	1.60	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 26, 2019	0.40	0.40	0.40	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 26, 2019	1.23	1.23	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 26, 2019	0.77	0.77	0.77	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 26, 2019	0.80	0.80	0.80	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 26, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 26, 2019	0.22	0.22	0.22	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 26, 2019	0.22	0.25	0.22	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 26, 2019	0.02	0.02	0.02	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 26, 2019	0.18	0.21	0.18	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 26, 2019	0.01	0.01	0.01	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 26, 2019	0.01	0.01	0.01	100.0%
18840520	433	271	MOORE	13132050	4	Jun 26, 2019	0.54	0.62	0.54	100.0%
18840520	427	1	MOORE	13132050	4	Jun 26, 2019	1.12	1.28	1.12	100.0%
18840520	113	585	MOORE	13132050	4	Jun 26, 2019	0.11	0.13	0.11	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 26, 2019	0.04	0.05	0.04	100.0%

18840520	242	210	MOORE	13132050	4	Jun 26, 2019	0.21	0.24	0.21	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 26, 2019	2.24	2.56	2.24	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 26, 2019	0.80	0.91	0.80	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 26, 2019	0.50	0.57	0.50	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 26, 2019	0.78	0.89	0.78	100.0%
18840520	263	394	MOORE	13132050	4	Jun 26, 2019	0.22	0.25	0.22	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 26, 2019	2.14	2.45	2.14	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 26, 2019	1.60	1.83	1.60	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	0.80	0.91	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 26, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 26, 2019	0.72	0.72	0.72	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 26, 2019	1.28	1.46	1.28	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 26, 2019	0.01	0.01	0.01	100.0%
18840601	62	1013	MOORE	13132050	4	Jun 26, 2019	1.20	1.37	1.20	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 26, 2019	0.08	0.09	0.08	100.0%
18840601	263	395	MOORE	13132050	4	Jun 26, 2019	0.08	0.09	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 26, 2019	0.09	0.10	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 26, 2019	0.54	0.62	0.54	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 26, 2019	0.16	0.18	0.16	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 26, 2019	0.20	0.20	0.20	100.0%
18840601	360	693	BURNETT	13127750	5	Jun 26, 2019	0.60	0.60	0.60	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 26, 2019	0.13	0.13	0.13	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 26, 2019	0.10	0.10	0.10	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 26, 2019	0.27	0.27	0.27	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 26, 2019	0.20	0.20	0.20	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 26, 2019	0.80	0.80	0.80	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 26, 2019	0.23	0.23	0.23	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 26, 2019	0.37	0.37	0.37	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 26, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 4	13123155	8	Jun 26, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 26, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 26, 2019	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 26, 2019	1.20	1.37	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 26, 2019	0.80	0.91	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 26, 2019	1.20	1.37	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 26, 2019	0.80	0.91	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jun 26, 2019	0.54	0.62	0.54	100.0%
18840715	459	798	MOORE	13132050	4	Jun 26, 2019	0.80	0.91	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 26, 2019	0.09	0.10	0.09	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 26, 2019	0.40	0.46	0.40	100.0%
18840831	533	421	MOORE	13132050	4	Jun 26, 2019	0.14	0.16	0.14	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	0.44	0.50	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	0.40	0.46	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	0.50	0.57	0.50	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 26, 2019	3.20	3.66	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 26, 2019	1.74	1.74	1.74	100.0%
18841012	205	2067	BECK	13130525	4	Jun 26, 2019	1.76	2.01	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Jun 26, 2019	0.31	0.35	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Jun 26, 2019	0.58	0.66	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 26, 2019	1.25	1.43	1.25	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 26, 2019	0.89	1.02	0.89	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 26, 2019	1.20	1.20	1.20	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 26, 2019	0.74	0.74	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 26, 2019	3.00	3.00	3.00	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 26, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 26, 2019	0.72	0.72	0.72	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 26, 2019	2.78	2.78	2.78	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 26, 2019	1.09	1.09	1.09	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 26, 2019	1.65	1.65	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 26, 2019	0.79	0.79	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 26, 2019	2.00	2.00	2.00	100.0%
18850501	423	186	ARCO	13132365	2	Jun 26, 2019	0.26	0.30	0.23	87.4%
18850501	423	87	ARCO	13132365	2	Jun 26, 2019	0.20	0.23	0.17	87.4%
18850501	426	887	ARCO	13132365	2	Jun 26, 2019	0.64	0.73	0.56	87.4%

18850501	468	59	ARCO	13132365	2	Jun 26, 2019	0.74	0.85	0.65	87.4%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 26, 2019	0.24	0.27	0.24	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 26, 2019	0.20	0.23	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 26, 2019	1.80	2.06	1.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 26, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 26, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	0.20	0.23	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	1.40	1.60	1.40	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 26, 2019	0.30	0.34	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 26, 2019	0.48	0.55	0.48	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 26, 2019	0.56	0.64	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 26, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 26, 2019	0.11	0.11	0.11	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 26, 2019	0.19	0.19	0.19	100.0%
18850530	484	1718	BURNETT	13127750	5	Jun 26, 2019	0.01	0.01	0.01	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 26, 2019	1.56	1.78	1.56	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 26, 2019	3.20	3.20	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jun 26, 2019	0.98	0.98	0.98	100.0%
18850601	205	2064	BECK	13130525	4	Jun 26, 2019	0.59	0.67	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 26, 2019	1.20	1.37	1.20	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 26, 2019	1.31	1.31	1.31	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 26, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 26, 2019	1.40	1.40	1.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 26, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 26, 2019	1.10	1.10	1.10	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 26, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 26, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 26, 2019	1.54	1.54	1.54	100.0%
18851002	437	62	ARCO	13132365	2	Jun 26, 2019	1.54	1.76	1.35	87.4%
18851002	468	61	ARCO	13132365	2	Jun 26, 2019	3.60	4.12	3.15	87.4%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 26, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 26, 2019	1.60	1.83	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 26, 2019	2.80	3.20	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 26, 2019	1.20	1.37	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 26, 2019	2.56	2.93	2.56	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 26, 2019	0.18	0.21	0.18	100.0%
18860512	263	398	MOORE	13132050	4	Jun 26, 2019	0.18	0.21	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 26, 2019	0.01	0.01	0.01	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	1.61	1.84	1.61	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 26, 2019	2.40	2.74	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 26, 2019	0.20	0.23	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 26, 2019	0.08	0.09	0.08	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	1.60	1.83	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	1.24	1.42	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	1.00	1.14	1.00	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 26, 2019	1.60	1.60	1.60	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 26, 2019	0.80	0.80	0.80	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	0.10	0.11	0.10	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	0.50	0.57	0.50	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	1.00	1.14	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 26, 2019	0.60	0.60	0.60	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 26, 2019	0.45	0.45	0.45	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 26, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jun 26, 2019	0.52	0.52	0.52	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 26, 2019	0.80	0.80	0.80	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 26, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 26, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 26, 2019	1.26	1.26	1.26	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 26, 2019	3.20	3.66	3.20	100.0%
18870302	618	1510	MOORE	13132050	4	Jun 26, 2019	1.60	1.83	1.60	100.0%
18870313	459	682	MOORE	13132050	4	Jun 26, 2019	0.65	0.74	0.65	100.0%
18870313	433	683	MOORE	13132050	4	Jun 26, 2019	0.13	0.15	0.13	100.0%
18870313	70	337	MOORE	13132050	4	Jun 26, 2019	0.23	0.26	0.23	100.0%
18870313	459	338	MOORE	13132050	4	Jun 26, 2019	0.42	0.48	0.42	100.0%

18870313	73	2028	BURNETT	13127750	5	Jun 26, 2019	1.00	1.00	1.00	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 26, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 26, 2019	1.80	1.80	1.80	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 26, 2019	2.54	2.91	2.22	87.4%
18870601	423	76	ARCO	13132365	2	Jun 26, 2019	0.22	0.25	0.19	87.4%
18870601	423	1028	ARCO	13132365	2	Jun 26, 2019	1.80	2.06	1.57	87.4%
18870601	90	1199	MUNSEY	13132375	2	Jun 26, 2019	0.50	0.57	0.44	87.4%
18870601	19	892	MUNSEY	13132375	2	Jun 26, 2019	1.20	1.37	1.05	87.4%
18870601	305	1351	3IN1	13130605	4	Jun 26, 2019	1.00	1.14	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 26, 2019	3.20	3.66	3.20	100.0%
18870601	490	1783	BURNETT	13127750	5	Jun 26, 2019	0.27	0.27	0.27	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 26, 2019	0.25	0.25	0.25	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 26, 2019	0.16	0.16	0.16	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 26, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 26, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 4	13123155	8	Jun 26, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 26, 2019	0.96	0.96	0.96	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 26, 2019	1.44	1.44	1.44	100.0%
18870630	236	1428	BECK	13130525	4	Jun 26, 2019	0.36	0.41	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 26, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jun 26, 2019	1.42	1.62	1.24	87.4%
18880401	279	2120	Anderson	13120745	9	Jun 26, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 26, 2019	0.49	0.49	0.49	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 26, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 26, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jun 26, 2019	0.33	0.38	0.29	87.4%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	0.90	1.03	0.90	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 26, 2019	0.76	0.76	0.76	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 26, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 26, 2019	0.48	0.48	0.48	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 26, 2019	0.72	0.72	0.72	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 26, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 26, 2019	0.40	0.46	0.35	87.4%
18880801	279	2125	Anderson	13120745	9	Jun 26, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 26, 2019	0.73	0.73	0.73	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 26, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 26, 2019	0.30	0.30	0.30	100.0%
18881101	59	2222	KENT	13120605	9	Jun 26, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 26, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 26, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 26, 2019	0.77	0.77	0.77	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jun 26, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 26, 2019	1.12	1.28	1.12	100.0%
18890601	441	205	MOORE	13132050	4	Jun 26, 2019	0.97	1.11	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 26, 2019	0.50	0.57	0.50	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 26, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 26, 2019	0.70	0.70	0.70	100.0%
18900601	426	756	ARCO	13132365	2	Jun 26, 2019	0.57	0.65	0.50	87.4%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 26, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 26, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 26, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 26, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 26, 2019	1.76	1.76	1.76	100.0%
18910630	205	2065	BECK	13130525	4	Jun 26, 2019	0.65	0.74	0.65	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 26, 2019	0.60	0.69	0.60	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 26, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 26, 2019	0.20	0.23	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jun 26, 2019	0.16	0.18	0.16	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 26, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 26, 2019	1.45	1.45	1.45	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 26, 2019	0.30	0.34	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 26, 2019	0.22	0.25	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 26, 2019	0.30	0.34	0.30	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 26, 2019	0.74	0.74	0.74	100.0%

18931101	59	1279	KENT	13120605	9	Jun 26, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 26, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	KENT	13120605	9	Jun 26, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 26, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 26, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 26, 2019	0.58	0.58	0.58	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 26, 2019	0.40	0.40	0.40	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 26, 2019	0.44	0.44	0.44	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 26, 2019	2.80	2.80	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 26, 2019	0.96	0.96	0.96	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 26, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 26, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 26, 2019	3.20	3.66	2.80	87.4%
18940601	417	379	MOORE	13132050	4	Jun 26, 2019	0.15	0.17	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	2.50	2.86	2.50	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 26, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jun 26, 2019	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 26, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 26, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jun 26, 2019	0.10	0.11	0.10	100.0%
18950601	242	212	MOORE	13132050	4	Jun 26, 2019	0.11	0.13	0.11	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	0.40	0.46	0.40	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 26, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 26, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jun 26, 2019	1.74	1.99	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 26, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jun 26, 2019	0.25	0.29	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jun 26, 2019	0.25	0.29	0.25	100.0%
18960601	459	993	MOORE	13132050	4	Jun 26, 2019	0.40	0.46	0.40	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 26, 2019	2.12	2.42	2.12	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 26, 2019	1.56	1.78	1.56	100.0%
18960601	417	381	MOORE	13132050	4	Jun 26, 2019	2.40	2.74	2.40	100.0%
18960601	417	992	MOORE	13132050	4	Jun 26, 2019	1.20	1.37	1.20	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 26, 2019	0.60	0.69	0.60	100.0%
18960601	441	207	MOORE	13132050	4	Jun 26, 2019	0.99	1.13	0.99	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 26, 2019	0.40	0.46	0.40	100.0%
18960601	263	399	MOORE	13132050	4	Jun 26, 2019	0.27	0.31	0.27	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 26, 2019	0.03	0.03	0.03	100.0%
18960601	263	397	MOORE	13132050	4	Jun 26, 2019	0.35	0.40	0.35	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 26, 2019	0.02	0.02	0.02	100.0%
18960601	402	876	MOORE	13132050	4	Jun 26, 2019	0.07	0.08	0.07	100.0%
18960601	309	877	MOORE	13132050	4	Jun 26, 2019	0.07	0.08	0.07	100.0%
18960601	533	424	MOORE	13132050	4	Jun 26, 2019	0.06	0.07	0.06	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 26, 2019	0.48	0.55	0.48	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 26, 2019	0.23	0.26	0.23	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 26, 2019	0.40	0.46	0.40	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 26, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 26, 2019	2.00	2.29	1.75	87.4%
18960901	437	671	ARCO	13132365	2	Jun 26, 2019	0.13	0.15	0.11	87.4%
18960928	150	216	MUNSEY	13132375	2	Jun 26, 2019	0.03	0.03	0.03	87.4%
18960928	15	80	MUNSEY	13132375	2	Jun 26, 2019	2.33	2.66	2.04	87.4%
18960928	442	2158	MUNSEY	13132375	2	Jun 26, 2019	4.40	5.03	4.29	97.4%
18960928	407	307	MUNSEY	13132375	2	Jun 26, 2019	0.51	0.58	0.51	100.0%
18960928	90	46	MUNSEY	13132375	2	Jun 26, 2019	1.00	1.14	1.00	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 26, 2019	1.97	2.25	1.97	100.0%
18970510	437	664	ARCO	13132365	2	Jun 26, 2019	1.74	1.99	1.74	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 26, 2019	2.00	2.00	2.00	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jun 26, 2019	1.15	1.15	1.15	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 26, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 26, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jun 26, 2019	0.22	0.25	0.22	100.0%
18980601	437	1310	ARCO	13132365	2	Jun 26, 2019	1.60	1.83	1.60	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	0.65	0.74	0.65	100.0%

18980601	483	1274	CHILLY	13121105	9	Jun 26, 2019	0.48	0.48	0.48	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 26, 2019	0.72	0.72	0.72	100.0%
18980901	268	562	ARCO	13132365	2	Jun 26, 2019	1.57	1.80	1.57	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 26, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	1.00	1.14	1.00	100.0%
18990327	113	584	MOORE	13132050	4	Jun 26, 2019	0.03	0.03	0.03	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 26, 2019	0.01	0.01	0.01	100.0%
18990327	2331	467	MOORE	13132050	4	Jun 26, 2019	0.60	0.69	0.60	100.0%
18990327	2331	469	MOORE	13132050	4	Jun 26, 2019	0.53	0.61	0.53	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 26, 2019	0.21	0.24	0.21	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 26, 2019	2.72	3.11	2.72	100.0%
18990601	126	1881	MOORE	13132050	4	Jun 26, 2019	0.08	0.09	0.08	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 26, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 26, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 26, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 26, 2019	0.52	0.52	0.52	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 26, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 26, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 26, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	0.20	0.23	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jun 26, 2019	0.15	0.17	0.15	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 26, 2019	3.20	3.20	3.20	100.0%
19010901	459	684	MOORE	13132050	4	Jun 26, 2019	0.35	0.40	0.35	100.0%
19010901	70	339	MOORE	13132050	4	Jun 26, 2019	0.12	0.14	0.12	100.0%
19010901	459	340	MOORE	13132050	4	Jun 26, 2019	0.23	0.26	0.23	100.0%
19011001	263	396	MOORE	13132050	4	Jun 26, 2019	0.12	0.14	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 26, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 26, 2019	1.31	1.50	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 26, 2019	2.36	2.36	2.36	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	0.20	0.23	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 26, 2019	0.31	0.35	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	0.20	0.23	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 26, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 26, 2019	0.90	0.90	0.90	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 26, 2019	1.60	1.60	1.60	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 26, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 26, 2019	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 26, 2019	2.40	2.40	2.40	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 26, 2019	0.60	0.60	0.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 26, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 26, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 26, 2019	2.70	3.09	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jun 26, 2019	2.40	2.40	2.40	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 26, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 26, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jun 26, 2019	2.60	2.60	2.60	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 26, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 26, 2019	1.22	1.22	1.22	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 26, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 26, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 26, 2019	0.24	0.24	0.24	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 26, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 26, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 26, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 26, 2019	1.56	1.78	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 26, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 26, 2019	0.38	0.38	0.38	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 26, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 26, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 26, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 26, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 26, 2019	0.13	0.13	0.13	100.0%
19050501	59	2145	KENT	13120605	9	Jun 26, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 26, 2019	0.44	0.44	0.44	100.0%

19050501	59	784	KENT	13120605	9	Jun 26, 2019	0.02	0.02	0.02	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 26, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 26, 2019	0.62	0.62	0.62	100.0%
19050501	59	784	BITTON	13120735	9	Jun 26, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 26, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 26, 2019	0.45	0.45	0.45	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 26, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 26, 2019	0.31	0.31	0.31	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 26, 2019	0.12	0.12	0.12	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 26, 2019	0.10	0.10	0.10	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 26, 2019	1.30	1.30	1.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 26, 2019	3.00	3.00	3.00	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 26, 2019	0.40	0.40	0.40	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 26, 2019	0.04	0.04	0.04	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 26, 2019	0.50	0.50	0.50	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 26, 2019	0.30	0.30	0.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 26, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 26, 2019	0.65	0.65	0.65	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 26, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 26, 2019	0.20	0.20	0.20	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 26, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 26, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jun 26, 2019	0.19	0.22	0.19	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 26, 2019	0.20	0.20	0.20	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 26, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 26, 2019	1.37	1.37	1.37	100.0%
19070711	59	2146	KENT	13120605	9	Jun 26, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	Jun 26, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 26, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 26, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	BITTON	13120735	9	Jun 26, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 26, 2019	0.53	0.53	0.53	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 26, 2019	1.96	1.96	1.96	100.0%
19081207	459	344	MOORE	13132050	4	Jun 26, 2019	0.33	0.38	0.33	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 26, 2019	0.50	0.57	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jun 26, 2019	0.17	0.19	0.17	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jun 26, 2019	1.82	1.82	1.82	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 26, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 26, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 26, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 26, 2019	0.09	0.09	0.09	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 26, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 26, 2019	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	Jun 26, 2019	0.03	0.03	0.03	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 26, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 26, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 26, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 26, 2019	1.30	1.30	1.30	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 26, 2019	1.20	1.20	1.20	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	0.13	0.15	0.13	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jun 26, 2019	0.02	0.02	0.02	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 26, 2019	0.82	0.82	0.82	100.0%
19140103	59	1361	KENT	13120605	9	Jun 26, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	KENT	13120605	9	Jun 26, 2019	0.69	0.69	0.69	100.0%
19140103	2610	2092	KENT	13120605	9	Jun 26, 2019	0.77	0.77	0.77	100.0%
19140103	59	2233	BITTON	13120735	9	Jun 26, 2019	0.69	0.69	0.69	100.0%
19140103	2610	2092	BITTON	13120735	9	Jun 26, 2019	0.77	0.77	0.77	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 26, 2019	0.04	0.04	0.04	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 26, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 26, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 26, 2019	0.80	0.80	0.80	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 26, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 26, 2019	0.11	0.11	0.11	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 26, 2019	1.58	1.58	1.58	100.0%

19160601	501	679	Zollinger 1	13122245	8	Jun 26, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 26, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 26, 2019	0.88	0.88	0.88	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jun 26, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 26, 2019	1.16	1.16	1.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 26, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 26, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 26, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 26, 2019	0.50	0.57	0.50	100.0%
19440508	437	737	ARCO	13132365	2	Jun 26, 2019	0.18	0.21	0.18	100.0%
19600501	90	175	MOORE	13132050	4	Jun 26, 2019	0.44	0.50	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jun 26, 2019	0.11	0.13	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 26, 2019	4.90	5.60	4.90	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 26, 2019	3.70	4.23	3.70	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 26, 2019	16.00	18.30	16.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 26, 2019	0.82	0.94	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 26, 2019	8.06	9.22	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 26, 2019	37.22	42.57	37.22	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 26, 2019	15.94	18.23	15.94	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jun 26, 2019	3.00	3.43	3.00	100.0%
19950411	476	1273	BECK	13130525	4	Jun 26, 2019	0.50	0.57	0.50	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 26, 2019	5.06	5.06	5.06	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 26, 2019	35.66	35.66	35.66	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 26, 2019	40.26	40.26	40.26	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 26, 2019	15.00	15.00	15.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 26, 2019	5.18	5.18	5.18	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 26, 2019	6.00	6.00	6.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 26, 2019	9969.40	9969.40	382.57	3.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 27, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 27	851.0	4.0	0.0	855.0	0.00	855.0	4.0	0.0	0.0	851.0	0.0	0.0
9	Howell to Chilly	Jun 27	676.0	118.4	0.0	-56.6	0.07	798.4	115.1	3.3	0.0	679.3	-3.3	0.0
8	Chilly to Reservoir	* Jun 27	771.7	70.3	0.0	166.0	0.00	964.4	64.1	6.2	0.0	781.2	-9.6	0.0
	Connected													
7	Mackay Reservoir	* Jun 27	742.0	0.0	0.0	0.0	0.00	1004.4	374.2		0.0	407.0	335.0	0.0
6	Reservoir to 2B	Jun 27	730.0	12.0	0.0	0.0	0.00	964.4	11.9	0.1	0.0	395.1	334.9	0.0
5	2B to Leslie	Jun 27	585.0	185.0	0.0	40.0	0.00	1004.4	166.5	18.5	0.0	268.6	316.4	0.0
4	Leslie to Moore	Jun 27	255.7	286.5	0.0	-42.8	0.07	1004.4	169.2	117.3	0.0	79.7	176.0	0.0
2	Moore to blw Munsey	Jun 27	168.0	93.0	0.0	5.3	0.00	1009.7	85.0	8.0	0.0	0.0	168.0	0.0
1	Blw Munsey to Arco	Jun 27	177.0	0.0	0.0	9.0	0.00	1018.7	0.0	0.0	0.0	9.0	168.0	0.0
								TOTAL	990.1	153.4	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 27	0.0	0.0		20180101	4%
9	Howell to Chilly	Jun 27	0.0	0.0		20180101	4%
8	Chilly to Reservoir	Jun 27	0.0	0.0		20180101	4%
	Connected						
7	Mackay Reservoir	Jun 27	0.0	0.0		20180101	4%
6	Reservoir to 2B	Jun 27	0.0	0.0		20180101	4%
5	2B to Leslie	Jun 27	0.0	0.0		20180101	4%
4	Leslie to Moore	Jun 27	19.7	23.1		20180101	4%
2	Moore to blw Munsey	Jun 27	0.0	0.0		20180101	4%
1	Blw Munsey to Arco	Jun 27	0.0	0.0		20180101	4%
		TOTAL	19.7	23.1	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	368.1
2	18810630	1.7	294.0	195.6
3	18880601	3.2	556.5	368.1
4	18960601	6.4	1113.0	736.3
5	19020301	0.8	140.0	92.0
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	62117.1
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	107728.3

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44420.0	44450.0	30.0	15.1	14.5

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	63877.3
Total Storage Loss	-35296.0
Total Storage Deliver	-12210.4
Total Evaporation	-793.0
Accounting Balance	44447.9
Current Res Content	44450.0
Storage Balance Error	-2.1

DAILY STORAGE BALANCE

44420.0	Reservoir Content Previous Day [ac-ft]
44450.0	Reservoir Content Current Day [ac-ft]
30.0	Physical Change in Storage [ac-ft]
742.2	Storage Allocated to Mackay Reservoir [ac-ft]
-379.0	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-23.1	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-168.0	Past Arco Gage [cfs]
-304.2	Storage Delivered [ac-ft]
9.5	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
18.5	2B to Leslie [cfs]
117.3	Leslie to Moore [cfs]
8.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-28.8	Evaporation [ac-ft]
30.2	Accounting Change in Storage [ac-ft]
0.2	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

771.7	Gain in/above Mackay Reservoir [cfs]
40.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
5.3	Gain in Reach 2: Moore to Munsey [cfs]
9.0	Gain in Reach 1: Munsey to Arco [cfs]
826.0	Total Available Natural Flow [cfs]
374.2	Reservoir Rights Diverted [cfs]
28.7	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
19.7	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
9.0	Natural Flow Past Arco Gage [cfs]
423.1	Natural Flow Delivered [cfs]
-9.5	Above Reservoir Storage Use [cfs]
11.9	Reservoir to 2B [cfs]
166.5	2B to Leslie [cfs]
169.2	Leslie to Moore [cfs]
85.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
826.0	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	12.6	630
Eastside Felton Wier +	83.1	4155
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	95.7	4785
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.4	118
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	76.4	3822
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.4	168
Island Wanstrom David +	0.0	0
Eastside OUT	70.0	3500
Total Out	156.9	7846

Abbreviated Reach Delivery Factor 1.64
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 264.4%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 70.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 26.5 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 72.1%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 36.7 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 121.3 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 165.9%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 190.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 27, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.3	0.0	0.2	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	12.0	0.1	16.0
9	BITTON	6.3	0.0	0.2	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.7	0.1	46.9	8	No Tellum 4	3.2	0.0	0.0	5	SWAUGER	19.6	0.2	263.1
9	Thalman Hunter D	4.7	0.1	38.9	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	63.5	8.0	704.1
9	NEILSEN	43.5	3.2	365.2	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	85.9	10.3	1163.8
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	42.0	0.0	0.0	8	Broken River Pum	4.0	0.0	11.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	6.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	17.2	8.0	435.3
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.4	0.0	0.0	4	PEHRSON	4.0	4.0	309.4
8	Donahue 1	0.8	0.7	89.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	4.7
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	194.4
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	2.6	0.0	0.0	4	MOORE	126.0	11.0	2528.7
8	Mtn. Springs 1	0.0	5.5	381.5	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	121.3	92.1	5495.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.5	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	50.0	10.1	645.4
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	43.0	0.0	229.7
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	4.0	380.8	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 27, 2019	2.08	2.08	2.08	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 27, 2019	3.12	3.12	3.12	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 27, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 27, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 27, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 27, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 27, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 27, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 4	13123155	8	Jun 27, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 27, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 27, 2019	3.00	3.00	3.00	100.0%
18830601	221	855	MOORE	13132050	4	Jun 27, 2019	1.60	1.73	1.60	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 27, 2019	1.54	1.66	1.54	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 27, 2019	0.27	0.29	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 27, 2019	0.79	0.85	0.79	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 27, 2019	1.72	1.86	1.72	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 27, 2019	1.13	1.22	1.13	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 27, 2019	0.01	0.01	0.01	100.0%
18830810	263	393	MOORE	13132050	4	Jun 27, 2019	0.18	0.19	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 27, 2019	0.18	0.19	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	0.21	0.23	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	0.43	0.46	0.43	100.0%
18840422	236	30	BECK	13130525	4	Jun 27, 2019	1.64	1.77	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 27, 2019	0.14	0.15	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 27, 2019	0.07	0.07	0.07	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 27, 2019	1.12	1.12	1.12	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 27, 2019	0.96	0.96	0.96	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 27, 2019	1.00	1.00	1.00	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 27, 2019	1.63	1.63	1.63	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 27, 2019	0.20	0.20	0.20	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jun 27, 2019	0.14	0.14	0.14	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 27, 2019	0.55	0.55	0.55	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 27, 2019	1.92	1.92	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 27, 2019	2.00	2.00	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 27, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 27, 2019	0.21	0.21	0.21	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 27, 2019	0.50	0.50	0.50	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 27, 2019	0.64	0.64	0.64	100.0%
18840422	284	228	SHARP	13126500	6	Jun 27, 2019	0.13	0.13	0.13	100.0%
18840422	347	938	SHARP	13126500	6	Jun 27, 2019	4.00	4.00	4.00	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 27, 2019	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	Jun 27, 2019	0.08	0.08	0.08	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 27, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jun 27, 2019	1.00	1.08	1.00	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 27, 2019	1.23	1.23	1.23	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 27, 2019	0.80	0.80	0.80	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 27, 2019	0.40	0.40	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 27, 2019	0.77	0.77	0.77	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 27, 2019	0.40	0.40	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 27, 2019	1.20	1.20	1.20	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 27, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 27, 2019	0.22	0.22	0.22	100.0%
18840520	113	585	MOORE	13132050	4	Jun 27, 2019	0.11	0.12	0.11	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 27, 2019	0.22	0.24	0.22	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 27, 2019	0.50	0.54	0.50	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 27, 2019	0.80	0.86	0.80	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 27, 2019	0.02	0.02	0.02	100.0%
18840520	263	394	MOORE	13132050	4	Jun 27, 2019	0.22	0.24	0.22	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 27, 2019	0.01	0.01	0.01	100.0%

18840520	2331	471	MOORE	13132050	4	Jun 27, 2019	2.14	2.31	2.14	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 27, 2019	0.01	0.01	0.01	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 27, 2019	0.04	0.04	0.04	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 27, 2019	2.24	2.42	2.24	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 27, 2019	0.78	0.84	0.78	100.0%
18840520	433	271	MOORE	13132050	4	Jun 27, 2019	0.54	0.58	0.54	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 27, 2019	0.18	0.20	0.18	100.0%
18840520	427	1	MOORE	13132050	4	Jun 27, 2019	1.12	1.21	1.12	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 27, 2019	1.60	1.73	1.60	100.0%
18840520	242	210	MOORE	13132050	4	Jun 27, 2019	0.21	0.23	0.21	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	0.80	0.86	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 27, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 27, 2019	0.72	0.72	0.72	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 27, 2019	0.54	0.58	0.54	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 27, 2019	0.08	0.09	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 27, 2019	0.09	0.10	0.09	100.0%
18840601	263	395	MOORE	13132050	4	Jun 27, 2019	0.08	0.09	0.08	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 27, 2019	0.01	0.01	0.01	100.0%
18840601	62	1013	MOORE	13132050	4	Jun 27, 2019	1.20	1.29	1.20	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 27, 2019	1.28	1.38	1.28	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 27, 2019	0.16	0.17	0.16	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 27, 2019	0.73	0.73	0.73	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 27, 2019	0.13	0.13	0.13	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 27, 2019	0.20	0.20	0.20	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 27, 2019	0.20	0.20	0.20	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 27, 2019	0.80	0.80	0.80	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 27, 2019	0.27	0.27	0.27	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 27, 2019	0.23	0.23	0.23	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 27, 2019	0.37	0.37	0.37	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 27, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 4	13123155	8	Jun 27, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 27, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 27, 2019	0.40	0.40	0.40	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 27, 2019	0.80	0.86	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 27, 2019	1.20	1.29	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jun 27, 2019	0.80	0.86	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jun 27, 2019	0.54	0.58	0.54	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 27, 2019	1.20	1.29	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 27, 2019	0.80	0.86	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 27, 2019	0.40	0.43	0.40	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 27, 2019	0.09	0.10	0.09	100.0%
18840831	533	421	MOORE	13132050	4	Jun 27, 2019	0.14	0.15	0.14	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	0.50	0.54	0.50	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	0.44	0.47	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	0.40	0.43	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 27, 2019	3.20	3.45	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 27, 2019	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 27, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jun 27, 2019	1.76	1.90	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 27, 2019	0.89	0.96	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 27, 2019	1.25	1.35	1.25	100.0%
18841012	70	341	MOORE	13132050	4	Jun 27, 2019	0.31	0.33	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Jun 27, 2019	0.58	0.63	0.58	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 27, 2019	2.77	2.77	2.77	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 27, 2019	1.20	1.20	1.20	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 27, 2019	2.78	2.78	2.78	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 27, 2019	0.72	0.72	0.72	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 27, 2019	3.00	3.00	3.00	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 27, 2019	0.74	0.74	0.74	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 27, 2019	1.09	1.09	1.09	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 27, 2019	0.79	0.79	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 27, 2019	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 27, 2019	1.65	1.65	1.65	100.0%
18850501	468	59	ARCO	13132365	2	Jun 27, 2019	0.74	0.80	0.69	92.7%

18850501	423	87	ARCO	13132365	2	Jun 27, 2019	0.20	0.22	0.19	92.7%
18850501	423	186	ARCO	13132365	2	Jun 27, 2019	0.26	0.28	0.24	92.7%
18850501	426	887	ARCO	13132365	2	Jun 27, 2019	0.64	0.69	0.59	92.7%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 27, 2019	1.80	1.94	1.80	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 27, 2019	0.20	0.22	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 27, 2019	0.24	0.26	0.24	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 27, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 27, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	0.20	0.22	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	1.40	1.51	1.40	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 27, 2019	0.48	0.52	0.48	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 27, 2019	0.30	0.32	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 27, 2019	0.56	0.60	0.56	100.0%
18850530	484	1718	BURNETT	13127750	5	Jun 27, 2019	0.01	0.01	0.01	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 27, 2019	1.37	1.37	1.37	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 27, 2019	0.19	0.19	0.19	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 27, 2019	0.11	0.11	0.11	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 27, 2019	1.56	1.68	1.56	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jun 27, 2019	0.98	0.98	0.98	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 27, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jun 27, 2019	0.59	0.64	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 27, 2019	1.20	1.29	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 27, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 27, 2019	1.40	1.40	1.40	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 27, 2019	1.31	1.31	1.31	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 27, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 27, 2019	1.10	1.10	1.10	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 27, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 27, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 27, 2019	1.54	1.54	1.54	100.0%
18851002	437	62	ARCO	13132365	2	Jun 27, 2019	1.54	1.66	1.43	92.7%
18851002	468	61	ARCO	13132365	2	Jun 27, 2019	3.60	3.88	1.69	47.0%
18851002	356	42	ARCO	13132365	2	Jun 27, 2019	4.50	4.86	4.50	100.0%
18851002	356	82	ARCO	13132365	2	Jun 27, 2019	0.50	0.54	0.50	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 27, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 27, 2019	1.60	1.73	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jun 27, 2019	1.20	1.29	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 27, 2019	2.80	3.02	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 27, 2019	2.56	2.76	2.56	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 27, 2019	0.18	0.19	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 27, 2019	0.01	0.01	0.01	100.0%
18860512	263	398	MOORE	13132050	4	Jun 27, 2019	0.18	0.19	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	1.61	1.74	1.61	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 27, 2019	2.40	2.59	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 27, 2019	0.20	0.22	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 27, 2019	0.08	0.09	0.08	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	1.24	1.34	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	1.00	1.08	1.00	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	1.60	1.73	1.60	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 27, 2019	1.60	1.60	1.60	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 27, 2019	0.80	0.80	0.80	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	0.50	0.54	0.50	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	1.00	1.08	1.00	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	0.10	0.11	0.10	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 27, 2019	0.45	0.45	0.45	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 27, 2019	0.60	0.60	0.60	100.0%
18860721	484	1673	BURNETT	13127750	5	Jun 27, 2019	0.52	0.52	0.52	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 27, 2019	0.80	0.80	0.80	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 27, 2019	0.80	0.80	0.80	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 27, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 27, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 27, 2019	0.34	0.34	0.34	100.0%
18870302	618	1510	MOORE	13132050	4	Jun 27, 2019	1.60	1.73	1.60	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 27, 2019	3.20	3.45	3.20	100.0%

18870313	433	683	MOORE	13132050	4	Jun 27, 2019	0.13	0.14	0.13	100.0%
18870313	70	337	MOORE	13132050	4	Jun 27, 2019	0.23	0.25	0.23	100.0%
18870313	459	682	MOORE	13132050	4	Jun 27, 2019	0.65	0.70	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Jun 27, 2019	0.42	0.45	0.42	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 27, 2019	1.00	1.00	1.00	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 27, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 27, 2019	1.80	1.80	1.80	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 27, 2019	2.54	2.74	2.54	100.0%
18870601	423	1028	ARCO	13132365	2	Jun 27, 2019	1.80	1.94	1.80	100.0%
18870601	423	76	ARCO	13132365	2	Jun 27, 2019	0.22	0.24	0.22	100.0%
18870601	19	892	MUNSEY	13132375	2	Jun 27, 2019	1.20	1.29	1.20	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 27, 2019	1.00	1.08	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 27, 2019	3.20	3.45	3.20	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 27, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jun 27, 2019	0.27	0.27	0.27	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 27, 2019	0.16	0.16	0.16	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 27, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 27, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 4	13123155	8	Jun 27, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 27, 2019	0.96	0.96	0.96	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 27, 2019	1.44	1.44	1.44	100.0%
18870630	236	1428	BECK	13130525	4	Jun 27, 2019	0.36	0.39	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 27, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jun 27, 2019	1.42	1.53	1.42	100.0%
18870801	119	1166	BURNETT	13127750	5	Jun 27, 2019	0.07	0.07	0.07	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 27, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 27, 2019	0.49	0.49	0.49	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 27, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 27, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jun 27, 2019	0.33	0.36	0.33	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	2.40	2.59	2.40	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 27, 2019	0.76	0.76	0.76	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 27, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 27, 2019	0.48	0.48	0.48	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 27, 2019	0.72	0.72	0.72	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 27, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 27, 2019	0.40	0.43	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 27, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 27, 2019	0.73	0.73	0.73	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 27, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 27, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	KENT	13120605	9	Jun 27, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 27, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 27, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 27, 2019	0.77	0.77	0.77	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jun 27, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 27, 2019	1.12	1.21	1.12	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 27, 2019	0.50	0.54	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jun 27, 2019	0.97	1.05	0.97	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 27, 2019	0.70	0.70	0.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 27, 2019	1.20	1.20	1.20	100.0%
18900601	426	756	ARCO	13132365	2	Jun 27, 2019	0.57	0.61	0.57	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 27, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 27, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 27, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 27, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 27, 2019	0.24	0.24	0.24	100.0%
18910630	205	2065	BECK	13130525	4	Jun 27, 2019	0.65	0.70	0.65	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 27, 2019	0.60	0.65	0.60	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 27, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 27, 2019	0.20	0.22	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jun 27, 2019	0.16	0.17	0.16	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 27, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 27, 2019	1.45	1.45	1.45	100.0%

18930201	414	1865	MOORE	13132050	4	Jun 27, 2019	0.30	0.32	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 27, 2019	0.22	0.24	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 27, 2019	0.30	0.32	0.30	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 27, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	Jun 27, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 27, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	KENT	13120605	9	Jun 27, 2019	0.60	0.60	0.60	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 27, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 27, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 27, 2019	0.03	0.03	0.03	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 27, 2019	0.96	0.96	0.96	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 27, 2019	2.80	2.80	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 27, 2019	0.40	0.40	0.40	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 27, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 27, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 27, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 27, 2019	3.20	3.45	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jun 27, 2019	0.15	0.16	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	2.50	2.70	2.50	100.0%
18940601	284	229	SHARP	13126500	6	Jun 27, 2019	0.15	0.15	0.15	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 27, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 27, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 27, 2019	3.20	3.20	3.20	100.0%
18950601	242	212	MOORE	13132050	4	Jun 27, 2019	0.11	0.12	0.11	100.0%
18950601	417	378	MOORE	13132050	4	Jun 27, 2019	0.10	0.11	0.10	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	0.40	0.43	0.40	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 27, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 27, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jun 27, 2019	1.74	1.88	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 27, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jun 27, 2019	0.25	0.27	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jun 27, 2019	0.25	0.27	0.25	100.0%
18960601	417	381	MOORE	13132050	4	Jun 27, 2019	2.40	2.59	2.40	100.0%
18960601	417	992	MOORE	13132050	4	Jun 27, 2019	1.20	1.29	1.20	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 27, 2019	0.48	0.52	0.48	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 27, 2019	0.23	0.25	0.23	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 27, 2019	0.02	0.02	0.02	100.0%
18960601	309	877	MOORE	13132050	4	Jun 27, 2019	0.07	0.07	0.07	100.0%
18960601	263	399	MOORE	13132050	4	Jun 27, 2019	0.27	0.29	0.27	100.0%
18960601	263	397	MOORE	13132050	4	Jun 27, 2019	0.35	0.38	0.35	100.0%
18960601	533	424	MOORE	13132050	4	Jun 27, 2019	0.06	0.06	0.06	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 27, 2019	0.60	0.65	0.60	100.0%
18960601	441	207	MOORE	13132050	4	Jun 27, 2019	0.99	1.07	0.99	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 27, 2019	0.40	0.43	0.40	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 27, 2019	2.12	2.29	2.12	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 27, 2019	0.40	0.43	0.40	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 27, 2019	1.56	1.68	1.56	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 27, 2019	0.03	0.03	0.03	100.0%
18960601	402	876	MOORE	13132050	4	Jun 27, 2019	0.07	0.07	0.07	100.0%
18960601	459	993	MOORE	13132050	4	Jun 27, 2019	0.40	0.43	0.40	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 27, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 27, 2019	2.00	2.16	2.00	100.0%
18960901	437	671	ARCO	13132365	2	Jun 27, 2019	0.13	0.14	0.13	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 27, 2019	4.40	4.75	4.40	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 27, 2019	0.51	0.55	0.51	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 27, 2019	0.03	0.03	0.03	100.0%
18960928	15	80	MUNSEY	13132375	2	Jun 27, 2019	2.33	2.51	2.33	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 27, 2019	1.97	2.13	1.97	100.0%
18970510	437	664	ARCO	13132365	2	Jun 27, 2019	1.74	1.88	1.74	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 27, 2019	2.00	2.00	2.00	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jun 27, 2019	1.15	1.15	1.15	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 27, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 27, 2019	0.70	0.70	0.70	100.0%

18970615	242	214	MOORE	13132050	4	Jun 27, 2019	0.22	0.24	0.22	100.0%
18980601	437	1310	ARCO	13132365	2	Jun 27, 2019	1.60	1.73	1.60	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	0.65	0.70	0.65	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 27, 2019	0.48	0.48	0.48	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 27, 2019	0.72	0.72	0.72	100.0%
18980901	268	562	ARCO	13132365	2	Jun 27, 2019	1.57	1.69	1.57	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 27, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	1.00	1.08	1.00	100.0%
18990327	113	584	MOORE	13132050	4	Jun 27, 2019	0.03	0.03	0.03	100.0%
18990327	2331	469	MOORE	13132050	4	Jun 27, 2019	0.53	0.57	0.53	100.0%
18990327	2331	467	MOORE	13132050	4	Jun 27, 2019	0.60	0.65	0.60	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 27, 2019	0.01	0.01	0.01	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 27, 2019	0.21	0.23	0.21	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 27, 2019	2.72	2.93	2.72	100.0%
18990601	126	1881	MOORE	13132050	4	Jun 27, 2019	0.08	0.09	0.08	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 27, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 27, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 27, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 27, 2019	0.52	0.52	0.52	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 27, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 27, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 27, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	0.20	0.22	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jun 27, 2019	0.15	0.16	0.15	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 27, 2019	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jun 27, 2019	0.23	0.25	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jun 27, 2019	0.35	0.38	0.35	100.0%
19010901	70	339	MOORE	13132050	4	Jun 27, 2019	0.12	0.13	0.12	100.0%
19011001	263	396	MOORE	13132050	4	Jun 27, 2019	0.12	0.13	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 27, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 27, 2019	1.31	1.41	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 27, 2019	2.36	2.36	2.36	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	0.20	0.22	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 27, 2019	0.31	0.33	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	0.20	0.22	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 27, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 27, 2019	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 27, 2019	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 27, 2019	2.40	2.40	2.40	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 27, 2019	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 27, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 27, 2019	0.60	0.60	0.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 27, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 27, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 27, 2019	2.70	2.91	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jun 27, 2019	2.40	2.40	2.40	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 27, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 27, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jun 27, 2019	2.60	2.60	2.60	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 27, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 27, 2019	1.22	1.22	1.22	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 27, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 27, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 27, 2019	1.08	1.08	1.08	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 27, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 27, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 27, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 27, 2019	1.56	1.68	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 27, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 27, 2019	0.38	0.38	0.38	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 27, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 27, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 27, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 27, 2019	1.20	1.20	1.20	100.0%

19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 27, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jun 27, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 27, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	KENT	13120605	9	Jun 27, 2019	0.45	0.45	0.45	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 27, 2019	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 27, 2019	0.02	0.02	0.02	100.0%
19050501	59	784	BITTON	13120735	9	Jun 27, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 27, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 27, 2019	0.45	0.45	0.45	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 27, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 27, 2019	0.31	0.31	0.31	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 27, 2019	0.50	0.50	0.50	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 27, 2019	0.12	0.12	0.12	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 27, 2019	0.10	0.10	0.10	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 27, 2019	1.30	1.30	1.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 27, 2019	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 27, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 27, 2019	0.65	0.65	0.65	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 27, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 27, 2019	0.40	0.40	0.40	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 27, 2019	0.04	0.04	0.04	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 27, 2019	0.20	0.20	0.20	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 27, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 27, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 27, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jun 27, 2019	0.19	0.20	0.19	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 27, 2019	0.20	0.20	0.20	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 27, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 27, 2019	1.37	1.37	1.37	100.0%
19070711	59	786	KENT	13120605	9	Jun 27, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 27, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	KENT	13120605	9	Jun 27, 2019	0.55	0.55	0.55	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 27, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	BITTON	13120735	9	Jun 27, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 27, 2019	0.53	0.53	0.53	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 27, 2019	1.96	1.96	1.96	100.0%
19081207	70	343	MOORE	13132050	4	Jun 27, 2019	0.17	0.18	0.17	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 27, 2019	0.50	0.54	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 27, 2019	0.33	0.36	0.33	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jun 27, 2019	1.82	1.82	1.82	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 27, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 27, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 27, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 27, 2019	0.09	0.09	0.09	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 27, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 27, 2019	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	Jun 27, 2019	0.03	0.03	0.03	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 27, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 27, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 27, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 27, 2019	1.30	1.30	1.30	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 27, 2019	1.20	1.20	1.20	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	0.02	0.02	0.02	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 27, 2019	0.13	0.14	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 27, 2019	0.82	0.82	0.82	100.0%
19140103	2610	2092	KENT	13120605	9	Jun 27, 2019	0.77	0.77	0.77	100.0%
19140103	59	2233	KENT	13120605	9	Jun 27, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	KENT	13120605	9	Jun 27, 2019	0.04	0.04	0.04	100.0%
19140103	2610	2092	BITTON	13120735	9	Jun 27, 2019	0.77	0.77	0.77	100.0%
19140103	59	2233	BITTON	13120735	9	Jun 27, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 27, 2019	0.04	0.04	0.04	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 27, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 27, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 27, 2019	0.18	0.18	0.18	100.0%

19160212	279	2123	Anderson	13120745	9	Jun 27, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 27, 2019	0.11	0.11	0.11	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 27, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 27, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 27, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 27, 2019	0.88	0.88	0.88	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jun 27, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 27, 2019	1.16	1.16	1.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 27, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 27, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 27, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 27, 2019	0.50	0.54	0.50	100.0%
19440508	437	737	ARCO	13132365	2	Jun 27, 2019	0.18	0.19	0.18	100.0%
19600501	90	175	MOORE	13132050	4	Jun 27, 2019	0.44	0.47	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jun 27, 2019	0.11	0.12	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 27, 2019	4.90	5.29	4.90	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 27, 2019	3.70	3.99	3.70	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 27, 2019	16.00	17.26	16.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 27, 2019	0.82	0.88	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 27, 2019	8.06	8.70	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 27, 2019	37.22	40.16	37.22	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 27, 2019	16.54	17.85	16.54	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jun 27, 2019	4.50	4.86	4.50	100.0%
19950411	476	1273	BECK	13130525	4	Jun 27, 2019	3.20	3.45	3.20	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 27, 2019	5.06	5.06	5.06	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 27, 2019	32.56	32.56	32.56	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 27, 2019	39.56	39.56	39.56	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 27, 2019	16.00	16.00	16.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 27, 2019	5.10	5.10	5.10	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 27, 2019	6.00	6.00	6.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 27, 2019	9969.40	9969.40	358.89	3.6%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 28, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 28	870.0	4.0	0.0	874.0	0.00	874.0	4.0	0.0	0.0	870.0	0.0	0.0
9	Howell to Chilly	Jun 28	696.0	118.4	0.0	-55.6	0.06	818.4	115.1	3.3	0.0	699.3	-3.3	0.0
8	Chilly to Reservoir	* Jun 28	799.8	70.3	0.0	174.2	0.00	992.6	64.1	6.2	0.0	809.4	-9.6	0.0
	Connected													
7	Mackay Reservoir	* Jun 28	754.6	0.0	0.0	0.0	0.00	1035.2	407.7		0.0	401.7	352.9	0.0
6	Reservoir to 2B	Jun 28	743.0	11.6	0.0	0.0	0.00	992.6	11.5	0.1	0.0	390.2	352.8	0.0
5	2B to Leslie	Jun 28	602.0	183.6	0.0	42.6	0.00	1035.2	172.6	11.0	0.0	260.2	341.8	0.0
4	Leslie to Moore	Jun 28	261.7	280.1	0.0	-60.2	0.10	1035.2	168.6	111.5	0.0	65.6	196.1	0.0
2	Moore to blw Munsey	Jun 28	178.0	100.0	0.0	16.3	0.00	1051.5	81.9	18.1	0.0	0.0	178.0	0.0
1	Blw Munsey to Arco	Jun 28	179.0	0.0	0.0	1.0	0.00	1052.5	0.0	0.0	0.0	1.0	178.0	0.0
								TOTAL	1025.5	150.2	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 28	0.0	0.0		20180101	4%
9	Howell to Chilly	Jun 28	0.0	0.0		20180101	4%
8	Chilly to Reservoir	Jun 28	0.0	0.0		20180101	4%
	Connected						
7	Mackay Reservoir	Jun 28	0.0	0.0		20180101	4%
6	Reservoir to 2B	Jun 28	0.0	0.0		20180101	4%
5	2B to Leslie	Jun 28	0.0	0.0		20180101	4%
4	Leslie to Moore	Jun 28	26.0	34.2		20180101	4%
2	Moore to blw Munsey	Jun 28	0.0	0.0		20180101	4%
1	Blw Munsey to Arco	Jun 28	0.0	0.0		20180101	4%
		TOTAL	26.0	34.2	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	374.5
2	18810630	1.7	294.0	198.9
3	18880601	3.2	556.5	374.5
4	18960601	6.4	1113.0	749.0
5	19020301	0.8	140.0	93.6
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	62895.4
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	108536.9

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44450.0	44510.0	60.0	30.2	15.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	64685.9
Total Storage Loss	-35716.9
Total Storage Deliver	-12508.3
Total Evaporation	-822.7
Accounting Balance	44508.0
Current Res Content	44510.0
Storage Balance Error	-2.0

DAILY STORAGE BALANCE

44450.0	Reservoir Content Previous Day [ac-ft]
44510.0	Reservoir Content Current Day [ac-ft]
60.0	Physical Change in Storage [ac-ft]
808.6	Storage Allocated to Mackay Reservoir [ac-ft]
-420.9	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-34.2	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-178.0	Past Arco Gage [cfs]
-297.9	Storage Delivered [ac-ft]
9.5	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
11.0	2B to Leslie [cfs]
111.5	Leslie to Moore [cfs]
18.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-29.7	Evaporation [ac-ft]
60.1	Accounting Change in Storage [ac-ft]
0.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

799.8	Gain in/above Mackay Reservoir [cfs]
42.6	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
16.3	Gain in Reach 2: Moore to Munsey [cfs]
1.0	Gain in Reach 1: Munsey to Arco [cfs]
859.7	Total Available Natural Flow [cfs]
407.7	Reservoir Rights Diverted [cfs]
27.0	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
26.0	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1.0	Natural Flow Past Arco Gage [cfs]
425.1	Natural Flow Delivered [cfs]
-9.5	Above Reservoir Storage Use [cfs]
11.5	Reservoir to 2B [cfs]
172.6	2B to Leslie [cfs]
168.6	Leslie to Moore [cfs]
81.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
859.8	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	12.0	600
Eastside Felton Wier +	80.7	4035
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	92.7	4635
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.4	118
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	127.9	6397
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.4	168
Island Wanstrom David +	0.0	0
Eastside OUT	66.0	3300
Total Out	204.4	10221

Abbreviated Reach Delivery Factor Total Out Divided By Total In	2.21

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 377.1%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 66.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 17.5 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 80.8%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 21.7 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 115.3 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 261.5%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 304.6%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 28, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.3	0.0	0.2	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.6	0.1	16.2
9	BITTON	6.3	0.0	0.2	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.7	0.1	47.0	8	No Tellum 4	3.2	0.0	0.0	5	SWAUGER	19.6	0.0	263.1
9	Thalman Hunter D	4.7	0.1	39.0	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	63.0	2.0	708.0
9	NEILSEN	43.5	3.2	371.6	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	85.0	9.0	1181.6
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	42.0	0.0	0.0	8	Broken River Pum	4.0	0.0	11.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	6.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	16.8	8.0	451.2
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.4	0.0	0.0	4	PEHRSON	4.0	4.0	317.4
8	Donahue 1	0.8	0.7	90.8	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	5.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	198.4
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	2.6	0.0	0.0	4	MOORE	126.0	10.9	2550.4
8	Mtn. Springs 1	0.0	5.5	392.5	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	115.3	86.5	5667.2
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.5	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	50.0	21.0	686.9
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	50.0	0.0	229.7
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	4.0	388.8	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 28, 2019	2.08	2.08	2.08	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 28, 2019	3.12	3.12	3.12	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 28, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 28, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 28, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 28, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 28, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 28, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 4	13123155	8	Jun 28, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 28, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 28, 2019	3.00	3.00	3.00	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 28, 2019	0.27	0.30	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 28, 2019	0.79	0.88	0.79	100.0%
18830601	221	855	MOORE	13132050	4	Jun 28, 2019	1.60	1.78	1.60	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 28, 2019	1.54	1.71	1.54	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 28, 2019	1.72	1.91	1.72	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 28, 2019	1.13	1.26	1.13	100.0%
18830810	263	393	MOORE	13132050	4	Jun 28, 2019	0.18	0.20	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 28, 2019	0.01	0.01	0.01	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 28, 2019	0.18	0.20	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	0.21	0.24	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	0.43	0.48	0.43	100.0%
18840422	236	30	BECK	13130525	4	Jun 28, 2019	1.64	1.82	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 28, 2019	0.14	0.16	0.14	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 28, 2019	1.12	1.12	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 28, 2019	0.07	0.07	0.07	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 28, 2019	0.55	0.55	0.55	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jun 28, 2019	0.14	0.14	0.14	100.0%
18840422	492	1291	DARLINGTON	13127735	5	Jun 28, 2019	0.10	0.10	0.10	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 28, 2019	1.63	1.63	1.63	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 28, 2019	0.20	0.20	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 28, 2019	0.96	0.96	0.96	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 28, 2019	1.44	1.44	1.44	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 28, 2019	1.92	1.92	1.92	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 28, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 28, 2019	0.21	0.21	0.21	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 28, 2019	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 28, 2019	2.00	2.00	2.00	100.0%
18840422	284	228	SHARP	13126500	6	Jun 28, 2019	0.13	0.13	0.13	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 28, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Jun 28, 2019	4.00	4.00	4.00	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 28, 2019	0.64	0.64	0.64	100.0%
18840422	24	120	SHARP	13126500	6	Jun 28, 2019	0.08	0.08	0.08	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 28, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jun 28, 2019	1.00	1.11	1.00	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 28, 2019	1.23	1.23	1.23	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 28, 2019	0.40	0.40	0.40	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 28, 2019	0.40	0.40	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 28, 2019	0.80	0.80	0.80	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 28, 2019	0.77	0.77	0.77	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 28, 2019	0.80	0.80	0.80	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 28, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 28, 2019	0.22	0.22	0.22	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 28, 2019	2.24	2.49	2.24	100.0%
18840520	113	585	MOORE	13132050	4	Jun 28, 2019	0.11	0.12	0.11	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 28, 2019	0.50	0.56	0.50	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 28, 2019	0.80	0.89	0.80	100.0%
18840520	263	394	MOORE	13132050	4	Jun 28, 2019	0.22	0.24	0.22	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 28, 2019	2.14	2.38	2.14	100.0%

18840520	187	1871	MOORE	13132050	4	Jun 28, 2019	0.18	0.20	0.18	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 28, 2019	0.22	0.24	0.22	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 28, 2019	0.04	0.04	0.04	100.0%
18840520	427	1	MOORE	13132050	4	Jun 28, 2019	1.12	1.24	1.12	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 28, 2019	0.78	0.87	0.78	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 28, 2019	1.60	1.78	1.60	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 28, 2019	0.02	0.02	0.02	100.0%
18840520	433	271	MOORE	13132050	4	Jun 28, 2019	0.54	0.60	0.54	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 28, 2019	0.01	0.01	0.01	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 28, 2019	0.01	0.01	0.01	100.0%
18840520	242	210	MOORE	13132050	4	Jun 28, 2019	0.21	0.23	0.21	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	0.80	0.89	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 28, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 28, 2019	0.72	0.72	0.72	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 28, 2019	1.28	1.42	1.28	100.0%
18840601	263	395	MOORE	13132050	4	Jun 28, 2019	0.08	0.09	0.08	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 28, 2019	0.08	0.09	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 28, 2019	0.54	0.60	0.54	100.0%
18840601	62	1013	MOORE	13132050	4	Jun 28, 2019	1.20	1.33	1.20	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 28, 2019	0.09	0.10	0.09	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 28, 2019	0.01	0.01	0.01	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 28, 2019	0.16	0.18	0.16	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 28, 2019	0.13	0.13	0.13	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 28, 2019	0.27	0.27	0.27	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 28, 2019	0.20	0.20	0.20	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 28, 2019	0.23	0.23	0.23	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 28, 2019	0.37	0.37	0.37	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 28, 2019	0.80	0.80	0.80	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 28, 2019	0.73	0.73	0.73	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 28, 2019	0.20	0.20	0.20	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 28, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 4	13123155	8	Jun 28, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 28, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 28, 2019	0.80	0.80	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jun 28, 2019	0.80	0.89	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 28, 2019	1.20	1.33	1.20	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 28, 2019	1.20	1.33	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 28, 2019	0.80	0.89	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jun 28, 2019	0.54	0.60	0.54	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 28, 2019	0.80	0.89	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 28, 2019	0.40	0.44	0.40	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 28, 2019	0.09	0.10	0.09	100.0%
18840831	306	1200	MOORE	13132050	4	Jun 28, 2019	0.20	0.22	0.20	100.0%
18840831	533	421	MOORE	13132050	4	Jun 28, 2019	0.14	0.16	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Jun 28, 2019	0.58	0.64	0.58	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	0.50	0.56	0.50	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	0.44	0.49	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	0.40	0.44	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 28, 2019	3.20	3.56	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 28, 2019	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 28, 2019	0.07	0.07	0.07	100.0%
18841012	205	2067	BECK	13130525	4	Jun 28, 2019	1.76	1.96	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 28, 2019	0.89	0.99	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Jun 28, 2019	0.58	0.64	0.58	100.0%
18841012	70	341	MOORE	13132050	4	Jun 28, 2019	0.31	0.34	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 28, 2019	1.25	1.39	1.25	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 28, 2019	2.77	2.77	2.77	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 28, 2019	1.20	1.20	1.20	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 28, 2019	0.74	0.74	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 28, 2019	3.00	3.00	3.00	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 28, 2019	0.72	0.72	0.72	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 28, 2019	2.78	2.78	2.78	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jun 28, 2019	1.09	1.09	1.09	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 28, 2019	1.65	1.65	1.65	100.0%

18850218	381	806	DARLINGTON	13127735	5	Jun 28, 2019	0.79	0.79	0.79	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 28, 2019	0.16	0.16	0.16	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 28, 2019	2.00	2.00	2.00	100.0%
18850501	468	59	ARCO	13132365	2	Jun 28, 2019	0.74	0.82	0.67	90.0%
18850501	675	1623	ARCO	13132365	2	Jun 28, 2019	0.40	0.44	0.36	90.0%
18850501	423	87	ARCO	13132365	2	Jun 28, 2019	0.20	0.22	0.18	90.0%
18850501	423	186	ARCO	13132365	2	Jun 28, 2019	0.26	0.29	0.23	90.0%
18850501	426	887	ARCO	13132365	2	Jun 28, 2019	0.64	0.71	0.58	90.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 28, 2019	0.20	0.22	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 28, 2019	1.80	2.00	1.80	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 28, 2019	0.24	0.27	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 28, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 28, 2019	0.50	0.50	0.50	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	1.40	1.56	1.40	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	0.20	0.22	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 28, 2019	0.48	0.53	0.48	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 28, 2019	0.30	0.33	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 28, 2019	0.56	0.62	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 28, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 28, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jun 28, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 28, 2019	0.19	0.19	0.19	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 28, 2019	1.56	1.73	1.56	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 28, 2019	3.20	3.20	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jun 28, 2019	0.98	0.98	0.98	100.0%
18850601	205	2064	BECK	13130525	4	Jun 28, 2019	0.59	0.66	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 28, 2019	1.20	1.33	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 28, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 28, 2019	1.40	1.40	1.40	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jun 28, 2019	1.31	1.31	1.31	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 28, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 28, 2019	1.10	1.10	1.10	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 28, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 28, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 28, 2019	1.54	1.54	1.54	100.0%
18851002	356	82	ARCO	13132365	2	Jun 28, 2019	0.50	0.56	0.45	90.0%
18851002	356	42	ARCO	13132365	2	Jun 28, 2019	4.50	5.00	4.05	90.0%
18851002	468	61	ARCO	13132365	2	Jun 28, 2019	3.60	4.00	3.24	90.0%
18851002	437	62	ARCO	13132365	2	Jun 28, 2019	1.54	1.71	1.39	90.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 28, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 28, 2019	1.60	1.78	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jun 28, 2019	1.20	1.33	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 28, 2019	2.80	3.11	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 28, 2019	2.56	2.84	2.56	100.0%
18860512	263	398	MOORE	13132050	4	Jun 28, 2019	0.18	0.20	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 28, 2019	0.18	0.20	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 28, 2019	0.01	0.01	0.01	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	1.61	1.79	1.61	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 28, 2019	2.40	2.67	2.40	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 28, 2019	0.08	0.09	0.08	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 28, 2019	0.20	0.22	0.20	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	1.60	1.78	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	1.24	1.38	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	1.00	1.11	1.00	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 28, 2019	1.60	1.60	1.60	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 28, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	1.00	1.11	1.00	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	0.10	0.11	0.10	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	0.86	0.96	0.86	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 28, 2019	0.60	0.60	0.60	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 28, 2019	0.45	0.45	0.45	100.0%
18860721	484	1673	BURNETT	13127750	5	Jun 28, 2019	0.52	0.52	0.52	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 28, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 28, 2019	0.80	0.80	0.80	100.0%

18860901	605	955	Stoecklein 1	13124173	8	Jun 28, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 28, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 28, 2019	0.34	0.34	0.34	100.0%
18870302	618	1510	MOORE	13132050	4	Jun 28, 2019	1.60	1.78	1.60	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 28, 2019	3.20	3.56	3.20	100.0%
18870313	459	338	MOORE	13132050	4	Jun 28, 2019	0.42	0.47	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jun 28, 2019	0.65	0.72	0.65	100.0%
18870313	70	337	MOORE	13132050	4	Jun 28, 2019	0.23	0.26	0.23	100.0%
18870313	433	683	MOORE	13132050	4	Jun 28, 2019	0.13	0.14	0.13	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 28, 2019	0.20	0.20	0.20	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 28, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 28, 2019	1.80	1.80	1.80	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 28, 2019	2.54	2.82	2.29	90.0%
18870601	423	1028	ARCO	13132365	2	Jun 28, 2019	1.80	2.00	0.39	21.5%
18870601	423	76	ARCO	13132365	2	Jun 28, 2019	0.22	0.24	0.22	100.0%
18870601	19	892	MUNSEY	13132375	2	Jun 28, 2019	1.20	1.33	1.20	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 28, 2019	1.00	1.11	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 28, 2019	3.20	3.56	3.20	100.0%
18870601	490	1783	BURNETT	13127750	5	Jun 28, 2019	0.35	0.35	0.35	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 28, 2019	0.25	0.25	0.25	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 28, 2019	0.16	0.16	0.16	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 28, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 28, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 4	13123155	8	Jun 28, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 28, 2019	0.96	0.96	0.96	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 28, 2019	1.44	1.44	1.44	100.0%
18870630	236	1428	BECK	13130525	4	Jun 28, 2019	0.36	0.40	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 28, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jun 28, 2019	1.42	1.58	1.42	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 28, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 28, 2019	0.49	0.49	0.49	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 28, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 28, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jun 28, 2019	0.33	0.37	0.33	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	0.90	1.00	0.90	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 28, 2019	0.76	0.76	0.76	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 28, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 28, 2019	0.48	0.48	0.48	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 28, 2019	0.72	0.72	0.72	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 28, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 28, 2019	0.40	0.44	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jun 28, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 28, 2019	0.73	0.73	0.73	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 28, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 28, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 28, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	KENT	13120605	9	Jun 28, 2019	0.83	0.83	0.83	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 28, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 28, 2019	0.77	0.77	0.77	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jun 28, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 28, 2019	1.12	1.25	1.12	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 28, 2019	0.50	0.56	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jun 28, 2019	0.97	1.08	0.97	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 28, 2019	0.70	0.70	0.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 28, 2019	1.20	1.20	1.20	100.0%
18900601	426	756	ARCO	13132365	2	Jun 28, 2019	0.57	0.63	0.57	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 28, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 28, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 28, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 28, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 28, 2019	1.76	1.76	1.76	100.0%
18910630	205	2065	BECK	13130525	4	Jun 28, 2019	0.65	0.72	0.65	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 28, 2019	0.60	0.67	0.60	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 28, 2019	5.20	5.20	5.20	100.0%

18920101	394	1607	MOORE	13132050	4	Jun 28, 2019	0.20	0.22	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jun 28, 2019	0.16	0.18	0.16	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 28, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 28, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 28, 2019	0.30	0.33	0.30	100.0%
18930201	158	538	MOORE	13132050	4	Jun 28, 2019	0.03	0.03	0.03	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 28, 2019	0.30	0.33	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 28, 2019	0.22	0.24	0.22	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 28, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 28, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	KENT	13120605	9	Jun 28, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	KENT	13120605	9	Jun 28, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 28, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 28, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 28, 2019	0.58	0.58	0.58	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 28, 2019	0.40	0.40	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 28, 2019	2.80	2.80	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 28, 2019	0.96	0.96	0.96	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 28, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 28, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 28, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 28, 2019	3.20	3.56	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jun 28, 2019	0.15	0.17	0.15	100.0%
18940601	158	536	MOORE	13132050	4	Jun 28, 2019	0.02	0.02	0.02	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	2.50	2.78	2.50	100.0%
18940601	284	229	SHARP	13126500	6	Jun 28, 2019	0.15	0.15	0.15	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 28, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 28, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 28, 2019	3.20	3.20	3.20	100.0%
18950601	242	212	MOORE	13132050	4	Jun 28, 2019	0.11	0.12	0.11	100.0%
18950601	417	378	MOORE	13132050	4	Jun 28, 2019	0.10	0.11	0.10	100.0%
18950601	158	534	MOORE	13132050	4	Jun 28, 2019	0.01	0.01	0.01	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	0.40	0.44	0.40	100.0%
18950601	251	1342	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	0.80	0.89	0.80	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 28, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 28, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jun 28, 2019	1.74	1.93	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 28, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jun 28, 2019	0.25	0.28	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jun 28, 2019	0.25	0.28	0.25	100.0%
18960601	417	992	MOORE	13132050	4	Jun 28, 2019	1.20	1.33	1.20	100.0%
18960601	417	381	MOORE	13132050	4	Jun 28, 2019	2.40	2.67	2.40	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 28, 2019	1.56	1.73	1.56	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 28, 2019	0.48	0.53	0.48	100.0%
18960601	158	540	MOORE	13132050	4	Jun 28, 2019	0.32	0.36	0.32	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 28, 2019	0.60	0.67	0.60	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 28, 2019	0.03	0.03	0.03	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 28, 2019	0.02	0.02	0.02	100.0%
18960601	459	993	MOORE	13132050	4	Jun 28, 2019	0.40	0.44	0.40	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 28, 2019	0.40	0.44	0.40	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 28, 2019	0.40	0.44	0.40	100.0%
18960601	441	207	MOORE	13132050	4	Jun 28, 2019	0.99	1.10	0.99	100.0%
18960601	263	397	MOORE	13132050	4	Jun 28, 2019	0.35	0.39	0.35	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 28, 2019	0.23	0.26	0.23	100.0%
18960601	263	399	MOORE	13132050	4	Jun 28, 2019	0.27	0.30	0.27	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 28, 2019	2.12	2.36	2.12	100.0%
18960601	309	877	MOORE	13132050	4	Jun 28, 2019	0.07	0.07	0.07	100.0%
18960601	402	876	MOORE	13132050	4	Jun 28, 2019	0.07	0.07	0.07	100.0%
18960601	306	1695	MOORE	13132050	4	Jun 28, 2019	0.42	0.47	0.42	100.0%
18960601	533	424	MOORE	13132050	4	Jun 28, 2019	0.06	0.07	0.06	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 28, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 28, 2019	2.00	2.22	2.00	100.0%
18960901	437	671	ARCO	13132365	2	Jun 28, 2019	0.13	0.14	0.13	100.0%

18960928	150	216	MUNSEY	13132375	2	Jun 28, 2019	0.03	0.03	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 28, 2019	1.97	2.19	1.97	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 28, 2019	4.40	4.89	4.40	100.0%
18960928	15	80	MUNSEY	13132375	2	Jun 28, 2019	2.33	2.59	2.33	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 28, 2019	0.51	0.57	0.51	100.0%
18970510	437	664	ARCO	13132365	2	Jun 28, 2019	1.74	1.93	1.74	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 28, 2019	2.00	2.00	2.00	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jun 28, 2019	1.15	1.15	1.15	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 28, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 28, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jun 28, 2019	0.22	0.24	0.22	100.0%
18980601	437	1310	ARCO	13132365	2	Jun 28, 2019	1.60	1.78	1.60	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	0.65	0.72	0.65	100.0%
18980601	251	958	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	0.04	0.04	0.04	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 28, 2019	0.48	0.48	0.48	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 28, 2019	0.72	0.72	0.72	100.0%
18980901	268	562	ARCO	13132365	2	Jun 28, 2019	1.57	1.74	1.57	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 28, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	1.00	1.11	1.00	100.0%
18990327	2331	469	MOORE	13132050	4	Jun 28, 2019	0.53	0.59	0.53	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 28, 2019	0.01	0.01	0.01	100.0%
18990327	2331	467	MOORE	13132050	4	Jun 28, 2019	0.60	0.67	0.60	100.0%
18990327	113	584	MOORE	13132050	4	Jun 28, 2019	0.03	0.03	0.03	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 28, 2019	0.21	0.23	0.21	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 28, 2019	2.72	3.02	2.72	100.0%
18990601	126	1881	MOORE	13132050	4	Jun 28, 2019	0.08	0.09	0.08	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 28, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 28, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 28, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 28, 2019	0.52	0.52	0.52	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 28, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 28, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 28, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	0.20	0.22	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jun 28, 2019	0.15	0.16	0.15	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 28, 2019	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jun 28, 2019	0.23	0.26	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jun 28, 2019	0.35	0.39	0.35	100.0%
19010901	70	339	MOORE	13132050	4	Jun 28, 2019	0.12	0.13	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 28, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jun 28, 2019	0.12	0.13	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 28, 2019	1.31	1.46	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 28, 2019	2.36	2.36	2.36	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	0.20	0.22	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 28, 2019	0.31	0.34	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	0.20	0.22	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 28, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 28, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 28, 2019	0.60	0.60	0.60	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 28, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 28, 2019	2.40	2.40	2.40	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 28, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 28, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 28, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 28, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 28, 2019	2.70	3.00	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jun 28, 2019	2.40	2.40	2.40	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 28, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 28, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jun 28, 2019	2.60	2.60	2.60	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 28, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 28, 2019	1.22	1.22	1.22	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 28, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 28, 2019	1.08	1.08	1.08	100.0%

19020601	682	742	NEILSEN	13120805	9	Jun 28, 2019	0.24	0.24	0.24	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 28, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 28, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 28, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 28, 2019	1.56	1.73	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 28, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 28, 2019	0.38	0.38	0.38	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 28, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 28, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 28, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 28, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 28, 2019	0.13	0.13	0.13	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 28, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	KENT	13120605	9	Jun 28, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	KENT	13120605	9	Jun 28, 2019	0.45	0.45	0.45	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 28, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 28, 2019	0.62	0.62	0.62	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 28, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	BITTON	13120735	9	Jun 28, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 28, 2019	0.45	0.45	0.45	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 28, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 28, 2019	0.31	0.31	0.31	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 28, 2019	3.00	3.00	3.00	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 28, 2019	1.30	1.30	1.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 28, 2019	0.82	0.82	0.82	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 28, 2019	0.12	0.12	0.12	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 28, 2019	0.04	0.04	0.04	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 28, 2019	0.50	0.50	0.50	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 28, 2019	0.65	0.65	0.65	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 28, 2019	0.10	0.10	0.10	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 28, 2019	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 28, 2019	0.30	0.30	0.30	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 28, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 28, 2019	0.20	0.20	0.20	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 28, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 28, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jun 28, 2019	0.19	0.21	0.19	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 28, 2019	0.20	0.20	0.20	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 28, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 28, 2019	1.37	1.37	1.37	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 28, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	KENT	13120605	9	Jun 28, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	KENT	13120605	9	Jun 28, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	BITTON	13120735	9	Jun 28, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 28, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 28, 2019	0.53	0.53	0.53	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 28, 2019	1.96	1.96	1.96	100.0%
19081207	459	344	MOORE	13132050	4	Jun 28, 2019	0.33	0.37	0.33	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 28, 2019	0.50	0.56	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jun 28, 2019	0.17	0.19	0.17	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jun 28, 2019	1.82	1.82	1.82	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 28, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 28, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 28, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 28, 2019	0.09	0.09	0.09	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 28, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 28, 2019	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	Jun 28, 2019	0.03	0.03	0.03	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 28, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 28, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 28, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 28, 2019	1.20	1.20	1.20	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 28, 2019	1.30	1.30	1.30	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	0.13	0.14	0.13	100.0%

19121111	50	239	UPPER EASTSIDE &	13132101	4	Jun 28, 2019	0.02	0.02	0.02	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 28, 2019	0.82	0.82	0.82	100.0%
19140103	59	2233	KENT	13120605	9	Jun 28, 2019	0.69	0.69	0.69	100.0%
19140103	2610	2092	KENT	13120605	9	Jun 28, 2019	0.77	0.77	0.77	100.0%
19140103	59	1361	KENT	13120605	9	Jun 28, 2019	0.04	0.04	0.04	100.0%
19140103	2610	2092	BITTON	13120735	9	Jun 28, 2019	0.77	0.77	0.77	100.0%
19140103	59	2233	BITTON	13120735	9	Jun 28, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 28, 2019	0.04	0.04	0.04	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 28, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 28, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 28, 2019	0.80	0.80	0.80	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 28, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 28, 2019	0.11	0.11	0.11	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 28, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 28, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 28, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 28, 2019	0.88	0.88	0.88	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jun 28, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 28, 2019	1.16	1.16	1.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 28, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 28, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 28, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 28, 2019	0.50	0.56	0.50	100.0%
19440508	437	737	ARCO	13132365	2	Jun 28, 2019	0.18	0.20	0.18	100.0%
19600501	90	175	MOORE	13132050	4	Jun 28, 2019	0.44	0.49	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jun 28, 2019	0.11	0.12	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 28, 2019	4.90	5.44	4.90	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 28, 2019	3.70	4.11	3.70	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 28, 2019	16.00	17.78	16.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 28, 2019	0.82	0.91	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 28, 2019	8.06	8.96	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 28, 2019	35.70	39.67	35.70	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 28, 2019	6.02	6.69	6.02	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jun 28, 2019	11.52	12.80	11.52	100.0%
19950411	476	1273	BECK	13130525	4	Jun 28, 2019	2.80	3.11	2.80	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 28, 2019	5.26	5.26	5.26	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 28, 2019	37.36	37.36	37.36	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 28, 2019	41.48	41.48	41.48	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 28, 2019	16.00	16.00	16.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 28, 2019	4.70	4.70	4.70	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 28, 2019	6.00	6.00	6.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 28, 2019	9969.40	9969.40	392.37	3.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 29, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 29	798.0	4.0	0.0	802.0	0.00	802.0	4.0	0.0	0.0	798.0	0.0	0.0
9	Howell to Chilly	Jun 29	636.0	118.4	0.0	-43.6	0.05	758.4	115.1	3.3	0.0	639.3	-3.3	0.0
8	Chilly to Reservoir	* Jun 29	742.1	70.3	0.0	176.5	0.00	934.9	64.1	6.2	0.0	751.7	-9.6	0.0
	Connected													
7	Mackay Reservoir	* Jun 29	748.6	0.0	0.0	0.0	0.00	989.1	363.9		0.0	387.8	360.8	0.0
6	Reservoir to 2B	Jun 29	737.0	11.6	0.0	0.0	0.00	934.9	11.5	0.1	0.0	376.3	360.7	0.0
5	2B to Leslie	Jun 29	609.0	182.2	0.0	54.2	0.00	989.1	174.2	8.0	0.0	256.3	352.7	0.0
4	Leslie to Moore	Jun 29	257.9	288.3	0.0	-62.8	0.10	989.1	177.0	111.3	0.0	52.9	205.1	0.0
2	Moore to blw Munsey	Jun 29	187.0	102.0	0.0	31.1	0.00	1020.2	83.9	18.1	0.0	0.0	187.0	0.0
1	Blw Munsey to Arco	Jun 29	188.0	0.0	0.0	1.0	0.00	1021.2	0.0	0.0	0.0	1.0	187.0	0.0
								TOTAL	993.7	147.0	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 29	0.0	0.0		20180101	3%
9	Howell to Chilly	Jun 29	0.0	0.0		20180101	3%
8	Chilly to Reservoir	Jun 29	0.0	0.0		20180101	3%
	Connected						
7	Mackay Reservoir	Jun 29	0.0	0.0		20180101	3%
6	Reservoir to 2B	Jun 29	0.0	0.0		20180101	3%
5	2B to Leslie	Jun 29	0.0	0.0		20180101	3%
4	Leslie to Moore	Jun 29	26.4	36.4		20180101	3%
2	Moore to blw Munsey	Jun 29	0.0	0.0		20180101	3%
1	Blw Munsey to Arco	Jun 29	0.0	0.0		20180101	3%
	TOTAL		26.4	36.4	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	380.8
2	18810630	1.7	294.0	202.3
3	18880601	3.2	556.5	380.8
4	18960601	6.4	1113.0	761.7
5	19020301	0.8	140.0	95.2
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	63586.9
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	109258.7

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44510.0	44470.0	-40.0	-20.2	13.7

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	65407.7
Total Storage Loss	-36160.0
Total Storage Deliver	-12799.9
Total Evaporation	-849.9
Accounting Balance	44467.9
Current Res Content	44470.0
Storage Balance Error	-2.1

DAILY STORAGE BALANCE

44510.0	Reservoir Content Previous Day [ac-ft]
44470.0	Reservoir Content Current Day [ac-ft]
-40.0	Physical Change in Storage [ac-ft]
721.8	Storage Allocated to Mackay Reservoir [ac-ft]
-443.1	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-36.4	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-187.0	Past Arco Gage [cfs]
-291.5	Storage Delivered [ac-ft]
9.5	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
8.0	2B to Leslie [cfs]
111.3	Leslie to Moore [cfs]
18.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-27.2	Evaporation [ac-ft]
-40.0	Accounting Change in Storage [ac-ft]
0.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

742.1	Gain in/above Mackay Reservoir [cfs]
54.2	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
31.1	Gain in Reach 2: Moore to Munsey [cfs]
1.0	Gain in Reach 1: Munsey to Arco [cfs]
828.4	Total Available Natural Flow [cfs]
363.9	Reservoir Rights Diverted [cfs]
27.4	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
26.4	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1.0	Natural Flow Past Arco Gage [cfs]
437.1	Natural Flow Delivered [cfs]
-9.5	Above Reservoir Storage Use [cfs]
11.5	Reservoir to 2B [cfs]
174.2	2B to Leslie [cfs]
177.0	Leslie to Moore [cfs]
83.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
828.4	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	12.7	635
Eastside Felton Wier +	82.7	4135
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	95.4	4770
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.4	118
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	127.9	6397
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.4	168
Island Wanstrom David +	0.0	0
Eastside OUT	73.0	3650
Total Out	211.4	10571

Abbreviated Reach Delivery Factor 2.22
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 373.8%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 73.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 19.5 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 81.6%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 23.9 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 115.1 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 262.1%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 304.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 29, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.3	0.0	0.2	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.6	0.1	16.4
9	BITTON	6.3	0.0	0.2	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.7	0.1	47.1	8	No Tellum 4	3.2	0.0	0.0	5	SWAUGER	19.4	0.0	263.1
9	Thalman Hunter D	4.7	0.1	39.1	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	61.0	3.0	714.0
9	NEILSEN	43.5	3.2	377.9	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	85.8	5.0	1191.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	42.0	0.0	0.0	8	Broken River Pum	4.0	0.0	11.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	6.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	16.8	8.0	467.0
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.4	0.0	0.0	4	PEHRSON	4.0	4.0	325.3
8	Donahue 1	0.8	0.7	92.2	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	5.3
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	202.3
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	2.6	0.0	0.0	4	MOORE	134.4	10.9	2572.1
8	Mtn. Springs 1	0.0	5.5	403.4	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	115.1	86.2	5838.1
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.5	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	50.0	20.0	726.7
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	52.0	3.4	236.4
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	4.0	396.7	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 29, 2019	2.08	2.08	2.08	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 29, 2019	3.12	3.12	3.12	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 29, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 29, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 29, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 29, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 29, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 29, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 4	13123155	8	Jun 29, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 29, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 29, 2019	3.00	3.00	3.00	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 29, 2019	0.27	0.30	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 29, 2019	0.79	0.88	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 29, 2019	1.54	1.72	1.54	100.0%
18830601	221	855	MOORE	13132050	4	Jun 29, 2019	1.60	1.78	1.60	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 29, 2019	1.13	1.26	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 29, 2019	1.72	1.92	1.72	100.0%
18830810	263	393	MOORE	13132050	4	Jun 29, 2019	0.18	0.20	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 29, 2019	0.01	0.01	0.01	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 29, 2019	0.18	0.20	0.18	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	0.43	0.48	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	0.21	0.24	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 29, 2019	1.64	1.83	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 29, 2019	0.14	0.16	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 29, 2019	0.07	0.07	0.07	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 29, 2019	1.12	1.12	1.12	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 29, 2019	0.55	0.55	0.55	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 29, 2019	0.20	0.20	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 29, 2019	1.44	1.44	1.44	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 29, 2019	1.63	1.63	1.63	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 29, 2019	0.96	0.96	0.96	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jun 29, 2019	0.14	0.14	0.14	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 29, 2019	0.79	0.79	0.79	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 29, 2019	0.50	0.50	0.50	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 29, 2019	0.21	0.21	0.21	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 29, 2019	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 29, 2019	1.92	1.92	1.92	100.0%
18840422	284	228	SHARP	13126500	6	Jun 29, 2019	0.13	0.13	0.13	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 29, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 29, 2019	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	Jun 29, 2019	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	Jun 29, 2019	4.00	4.00	4.00	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 29, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jun 29, 2019	1.00	1.11	1.00	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 29, 2019	0.80	0.80	0.80	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 29, 2019	0.80	0.80	0.80	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 29, 2019	0.40	0.40	0.40	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 29, 2019	0.40	0.40	0.40	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 29, 2019	1.23	1.23	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 29, 2019	0.77	0.77	0.77	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 29, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 29, 2019	0.22	0.22	0.22	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 29, 2019	0.01	0.01	0.01	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 29, 2019	0.22	0.25	0.22	100.0%
18840520	427	1	MOORE	13132050	4	Jun 29, 2019	1.12	1.25	1.12	100.0%
18840520	113	585	MOORE	13132050	4	Jun 29, 2019	0.11	0.12	0.11	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 29, 2019	2.24	2.50	2.24	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 29, 2019	1.60	1.78	1.60	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 29, 2019	0.18	0.20	0.18	100.0%

18840520	187	1872	MOORE	13132050	4	Jun 29, 2019	0.01	0.01	0.01	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 29, 2019	0.02	0.02	0.02	100.0%
18840520	433	271	MOORE	13132050	4	Jun 29, 2019	0.54	0.60	0.54	100.0%
18840520	242	210	MOORE	13132050	4	Jun 29, 2019	0.21	0.23	0.21	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 29, 2019	2.14	2.39	2.14	100.0%
18840520	263	394	MOORE	13132050	4	Jun 29, 2019	0.22	0.25	0.22	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 29, 2019	0.50	0.56	0.50	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 29, 2019	0.80	0.89	0.80	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 29, 2019	0.78	0.87	0.78	100.0%
18840520	180	470	MOORE	13132050	4	Jun 29, 2019	0.16	0.18	0.16	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 29, 2019	0.04	0.04	0.04	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	0.80	0.89	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 29, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 29, 2019	0.72	0.72	0.72	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 29, 2019	0.01	0.01	0.01	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 29, 2019	0.09	0.10	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 29, 2019	0.54	0.60	0.54	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 29, 2019	1.28	1.43	1.28	100.0%
18840601	263	395	MOORE	13132050	4	Jun 29, 2019	0.08	0.09	0.08	100.0%
18840601	62	1013	MOORE	13132050	4	Jun 29, 2019	1.20	1.34	1.20	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 29, 2019	0.08	0.09	0.08	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 29, 2019	0.16	0.18	0.16	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 29, 2019	0.20	0.20	0.20	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 29, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 29, 2019	0.27	0.27	0.27	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 29, 2019	0.13	0.13	0.13	100.0%
18840601	73	2026	BURNETT	13127750	5	Jun 29, 2019	0.37	0.37	0.37	100.0%
18840601	73	2027	BURNETT	13127750	5	Jun 29, 2019	0.23	0.23	0.23	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 29, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 29, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 4	13123155	8	Jun 29, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 29, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 29, 2019	0.40	0.40	0.40	100.0%
18840715	133	324	MOORE	13132050	4	Jun 29, 2019	0.54	0.60	0.54	100.0%
18840715	459	798	MOORE	13132050	4	Jun 29, 2019	0.80	0.89	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 29, 2019	1.20	1.34	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 29, 2019	1.20	1.34	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 29, 2019	0.80	0.89	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 29, 2019	0.80	0.89	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 29, 2019	0.09	0.10	0.09	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 29, 2019	0.40	0.45	0.40	100.0%
18840831	306	1694	MOORE	13132050	4	Jun 29, 2019	0.58	0.65	0.58	100.0%
18840831	306	1200	MOORE	13132050	4	Jun 29, 2019	0.20	0.22	0.20	100.0%
18840831	533	421	MOORE	13132050	4	Jun 29, 2019	0.14	0.16	0.14	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	0.50	0.56	0.50	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	0.40	0.45	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	0.44	0.49	0.44	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 29, 2019	3.20	3.57	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 29, 2019	1.74	1.74	1.74	100.0%
18841012	205	2067	BECK	13130525	4	Jun 29, 2019	1.76	1.96	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Jun 29, 2019	0.58	0.65	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 29, 2019	1.25	1.39	1.25	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 29, 2019	0.89	0.99	0.89	100.0%
18841012	70	341	MOORE	13132050	4	Jun 29, 2019	0.31	0.35	0.31	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 29, 2019	3.00	3.00	3.00	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 29, 2019	0.74	0.74	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 29, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 29, 2019	0.72	0.72	0.72	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 29, 2019	1.20	1.20	1.20	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 29, 2019	2.78	2.78	2.78	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 29, 2019	0.56	0.56	0.56	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 29, 2019	0.79	0.79	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 29, 2019	1.65	1.65	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 29, 2019	2.00	2.00	2.00	100.0%

18850501	423	87	ARCO	13132365	2	Jun 29, 2019	0.20	0.22	0.18	89.7%
18850501	423	186	ARCO	13132365	2	Jun 29, 2019	0.26	0.29	0.23	89.7%
18850501	426	887	ARCO	13132365	2	Jun 29, 2019	0.64	0.71	0.57	89.7%
18850501	675	1623	ARCO	13132365	2	Jun 29, 2019	0.40	0.45	0.36	89.7%
18850501	468	59	ARCO	13132365	2	Jun 29, 2019	0.74	0.83	0.66	89.7%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 29, 2019	0.24	0.27	0.24	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 29, 2019	1.80	2.01	1.80	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 29, 2019	0.20	0.22	0.20	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 29, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 29, 2019	2.80	2.80	2.80	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	1.40	1.56	1.40	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	0.20	0.22	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 29, 2019	0.30	0.33	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 29, 2019	0.48	0.54	0.48	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 29, 2019	0.56	0.62	0.56	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 29, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jun 29, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 29, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 29, 2019	1.37	1.37	1.37	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 29, 2019	1.56	1.73	1.56	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jun 29, 2019	0.98	0.98	0.98	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 29, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jun 29, 2019	0.59	0.66	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 29, 2019	1.20	1.34	1.20	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 29, 2019	1.40	1.40	1.40	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 29, 2019	0.36	0.36	0.36	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 29, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 29, 2019	1.10	1.10	1.10	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 29, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 29, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 29, 2019	1.54	1.54	1.54	100.0%
18851002	356	82	ARCO	13132365	2	Jun 29, 2019	0.50	0.56	0.45	89.7%
18851002	437	62	ARCO	13132365	2	Jun 29, 2019	1.54	1.72	1.38	89.7%
18851002	356	42	ARCO	13132365	2	Jun 29, 2019	4.50	5.02	4.04	89.7%
18851002	468	61	ARCO	13132365	2	Jun 29, 2019	3.60	4.01	3.23	89.7%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 29, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 29, 2019	1.60	1.78	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 29, 2019	2.80	3.12	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 29, 2019	1.20	1.34	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 29, 2019	2.56	2.85	2.56	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 29, 2019	0.01	0.01	0.01	100.0%
18860512	263	398	MOORE	13132050	4	Jun 29, 2019	0.18	0.20	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 29, 2019	0.18	0.20	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	1.61	1.80	1.61	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 29, 2019	0.08	0.09	0.08	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 29, 2019	0.20	0.22	0.20	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 29, 2019	2.40	2.68	2.40	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	1.24	1.38	1.24	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	1.60	1.78	1.60	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	1.00	1.11	1.00	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 29, 2019	1.60	1.60	1.60	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 29, 2019	0.80	0.80	0.80	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	0.86	0.96	0.86	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	1.00	1.11	1.00	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	0.10	0.11	0.10	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 29, 2019	0.45	0.45	0.45	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 29, 2019	0.60	0.60	0.60	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 29, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jun 29, 2019	0.52	0.52	0.52	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 29, 2019	0.80	0.80	0.80	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 29, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 29, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 29, 2019	0.34	0.34	0.34	100.0%
18870302	618	1510	MOORE	13132050	4	Jun 29, 2019	1.60	1.78	1.60	100.0%

18870302	618	1449	MOORE	13132050	4	Jun 29, 2019	3.20	3.57	3.20	100.0%
18870313	433	683	MOORE	13132050	4	Jun 29, 2019	0.13	0.14	0.13	100.0%
18870313	70	337	MOORE	13132050	4	Jun 29, 2019	0.23	0.26	0.23	100.0%
18870313	459	682	MOORE	13132050	4	Jun 29, 2019	0.65	0.72	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Jun 29, 2019	0.42	0.47	0.42	100.0%
18870313	73	2028	BURNETT	13127750	5	Jun 29, 2019	0.20	0.20	0.20	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 29, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 29, 2019	1.80	1.80	1.80	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 29, 2019	2.54	2.83	2.28	89.7%
18870601	423	1028	ARCO	13132365	2	Jun 29, 2019	1.80	2.01	1.61	89.7%
18870601	423	76	ARCO	13132365	2	Jun 29, 2019	0.22	0.25	0.20	89.7%
18870601	90	1199	MUNSEY	13132375	2	Jun 29, 2019	0.50	0.56	0.45	89.7%
18870601	19	892	MUNSEY	13132375	2	Jun 29, 2019	1.20	1.34	1.08	89.7%
18870601	305	1351	3IN1	13130605	4	Jun 29, 2019	1.00	1.11	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 29, 2019	3.20	3.57	3.20	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 29, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jun 29, 2019	0.35	0.35	0.35	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 29, 2019	0.16	0.16	0.16	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 29, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 29, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 4	13123155	8	Jun 29, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 29, 2019	0.96	0.96	0.96	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 29, 2019	1.44	1.44	1.44	100.0%
18870630	236	1428	BECK	13130525	4	Jun 29, 2019	0.36	0.40	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 29, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jun 29, 2019	1.42	1.58	1.27	89.7%
18880401	279	2120	Anderson	13120745	9	Jun 29, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 29, 2019	0.49	0.49	0.49	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 29, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 29, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jun 29, 2019	0.33	0.37	0.30	89.7%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	0.90	1.00	0.90	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 29, 2019	0.76	0.76	0.76	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 29, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 29, 2019	0.48	0.48	0.48	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 29, 2019	0.72	0.72	0.72	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 29, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 29, 2019	0.40	0.45	0.36	89.7%
18880801	279	2125	Anderson	13120745	9	Jun 29, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 29, 2019	0.73	0.73	0.73	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 29, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 29, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 29, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	KENT	13120605	9	Jun 29, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 29, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 29, 2019	0.83	0.83	0.83	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jun 29, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 29, 2019	1.12	1.25	1.12	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 29, 2019	0.50	0.56	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jun 29, 2019	0.97	1.08	0.97	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 29, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 29, 2019	0.70	0.70	0.70	100.0%
18900601	426	756	ARCO	13132365	2	Jun 29, 2019	0.57	0.64	0.51	89.7%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 29, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 29, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 29, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 29, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 29, 2019	0.24	0.24	0.24	100.0%
18910630	205	2065	BECK	13130525	4	Jun 29, 2019	0.65	0.72	0.65	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 29, 2019	0.60	0.67	0.60	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 29, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jun 29, 2019	0.20	0.22	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jun 29, 2019	0.16	0.18	0.16	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 29, 2019	2.00	2.00	2.00	100.0%

18921101	474	967	Upper Fish Hatch	13124160	8	Jun 29, 2019	1.45	1.45	1.45	100.0%
18930201	158	538	MOORE	13132050	4	Jun 29, 2019	0.03	0.03	0.03	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 29, 2019	0.30	0.33	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 29, 2019	0.22	0.25	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 29, 2019	0.30	0.33	0.30	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 29, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	Jun 29, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	KENT	13120605	9	Jun 29, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 29, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 29, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 29, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 29, 2019	0.60	0.60	0.60	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 29, 2019	0.40	0.40	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 29, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 29, 2019	0.44	0.44	0.44	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 29, 2019	0.96	0.96	0.96	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 29, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 29, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 29, 2019	3.20	3.57	2.87	89.7%
18940601	158	536	MOORE	13132050	4	Jun 29, 2019	0.02	0.02	0.02	100.0%
18940601	417	379	MOORE	13132050	4	Jun 29, 2019	0.15	0.17	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	2.50	2.79	2.50	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 29, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jun 29, 2019	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 29, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 29, 2019	3.20	3.20	3.20	100.0%
18950601	158	534	MOORE	13132050	4	Jun 29, 2019	0.01	0.01	0.01	100.0%
18950601	180	1343	MOORE	13132050	4	Jun 29, 2019	0.80	0.89	0.80	100.0%
18950601	242	212	MOORE	13132050	4	Jun 29, 2019	0.11	0.12	0.11	100.0%
18950601	417	378	MOORE	13132050	4	Jun 29, 2019	0.10	0.11	0.10	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	0.40	0.45	0.40	100.0%
18950601	251	1342	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	0.80	0.89	0.80	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 29, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 29, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jun 29, 2019	1.74	1.94	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 29, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jun 29, 2019	0.25	0.28	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jun 29, 2019	0.25	0.28	0.25	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 29, 2019	0.03	0.03	0.03	100.0%
18960601	306	1695	MOORE	13132050	4	Jun 29, 2019	0.42	0.47	0.42	100.0%
18960601	417	992	MOORE	13132050	4	Jun 29, 2019	1.20	1.34	1.20	100.0%
18960601	417	381	MOORE	13132050	4	Jun 29, 2019	2.40	2.68	2.40	100.0%
18960601	533	424	MOORE	13132050	4	Jun 29, 2019	0.06	0.07	0.06	100.0%
18960601	309	877	MOORE	13132050	4	Jun 29, 2019	0.07	0.07	0.07	100.0%
18960601	263	397	MOORE	13132050	4	Jun 29, 2019	0.35	0.39	0.35	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 29, 2019	0.40	0.45	0.40	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 29, 2019	0.23	0.26	0.23	100.0%
18960601	158	540	MOORE	13132050	4	Jun 29, 2019	0.32	0.36	0.32	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 29, 2019	0.02	0.02	0.02	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 29, 2019	0.60	0.67	0.60	100.0%
18960601	441	207	MOORE	13132050	4	Jun 29, 2019	0.99	1.10	0.99	100.0%
18960601	402	876	MOORE	13132050	4	Jun 29, 2019	0.07	0.07	0.07	100.0%
18960601	459	993	MOORE	13132050	4	Jun 29, 2019	0.40	0.45	0.40	100.0%
18960601	263	399	MOORE	13132050	4	Jun 29, 2019	0.27	0.30	0.27	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 29, 2019	2.12	2.36	2.12	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 29, 2019	1.56	1.74	1.56	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 29, 2019	0.40	0.45	0.40	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 29, 2019	0.48	0.54	0.48	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 29, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 29, 2019	2.00	2.23	1.79	89.7%
18960901	437	671	ARCO	13132365	2	Jun 29, 2019	0.13	0.14	0.12	89.7%
18960928	150	215	MUNSEY	13132375	2	Jun 29, 2019	1.97	2.20	1.77	89.7%
18960928	442	2158	MUNSEY	13132375	2	Jun 29, 2019	4.40	4.91	2.01	45.6%

18960928	15	80	MUNSEY	13132375	2	Jun 29, 2019	2.33	2.60	2.33	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 29, 2019	0.51	0.57	0.51	100.0%
18960928	90	46	MUNSEY	13132375	2	Jun 29, 2019	1.00	1.11	1.00	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 29, 2019	0.03	0.03	0.03	100.0%
18970510	437	664	ARCO	13132365	2	Jun 29, 2019	1.74	1.94	1.74	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 29, 2019	2.00	2.00	2.00	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jun 29, 2019	1.15	1.15	1.15	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 29, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 29, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jun 29, 2019	0.22	0.25	0.22	100.0%
18980601	437	1310	ARCO	13132365	2	Jun 29, 2019	1.60	1.78	1.60	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	0.65	0.72	0.65	100.0%
18980601	251	958	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	0.04	0.04	0.04	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 29, 2019	0.48	0.48	0.48	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 29, 2019	0.72	0.72	0.72	100.0%
18980901	268	562	ARCO	13132365	2	Jun 29, 2019	1.57	1.75	1.57	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 29, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	1.00	1.11	1.00	100.0%
18990327	2331	467	MOORE	13132050	4	Jun 29, 2019	0.60	0.67	0.60	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 29, 2019	0.21	0.23	0.21	100.0%
18990327	113	584	MOORE	13132050	4	Jun 29, 2019	0.03	0.03	0.03	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 29, 2019	0.01	0.01	0.01	100.0%
18990327	2331	469	MOORE	13132050	4	Jun 29, 2019	0.53	0.59	0.53	100.0%
18990327	180	468	MOORE	13132050	4	Jun 29, 2019	0.05	0.06	0.05	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 29, 2019	2.72	3.03	2.72	100.0%
18990601	180	2110	MOORE	13132050	4	Jun 29, 2019	0.03	0.03	0.03	100.0%
18990601	126	1881	MOORE	13132050	4	Jun 29, 2019	0.08	0.09	0.08	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 29, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 29, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 29, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 29, 2019	0.52	0.52	0.52	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 29, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 29, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 29, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	0.20	0.22	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jun 29, 2019	0.15	0.16	0.15	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 29, 2019	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jun 29, 2019	0.23	0.26	0.23	100.0%
19010901	70	339	MOORE	13132050	4	Jun 29, 2019	0.12	0.13	0.12	100.0%
19010901	459	684	MOORE	13132050	4	Jun 29, 2019	0.35	0.39	0.35	100.0%
19011001	263	396	MOORE	13132050	4	Jun 29, 2019	0.12	0.13	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 29, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 29, 2019	1.31	1.46	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 29, 2019	2.36	2.36	2.36	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	0.20	0.22	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 29, 2019	0.31	0.34	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	0.20	0.22	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 29, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 29, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 29, 2019	0.60	0.60	0.60	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 29, 2019	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 29, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 29, 2019	2.40	2.40	2.40	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 29, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 29, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 29, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 29, 2019	2.70	3.01	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jun 29, 2019	2.40	2.40	2.40	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 29, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 29, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jun 29, 2019	2.60	2.60	2.60	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 29, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 29, 2019	1.22	1.22	1.22	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jun 29, 2019	0.49	0.49	0.49	100.0%

19020601	682	742	NEILSEN	13120805	9	Jun 29, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 29, 2019	1.08	1.08	1.08	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 29, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 29, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 29, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 29, 2019	1.56	1.74	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 29, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 29, 2019	0.38	0.38	0.38	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 29, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 29, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 29, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 29, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 29, 2019	0.13	0.13	0.13	100.0%
19050501	59	2145	KENT	13120605	9	Jun 29, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	KENT	13120605	9	Jun 29, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 29, 2019	0.44	0.44	0.44	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 29, 2019	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 29, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 29, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 29, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	BITTON	13120735	9	Jun 29, 2019	0.02	0.02	0.02	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 29, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 29, 2019	0.31	0.31	0.31	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 29, 2019	0.65	0.65	0.65	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 29, 2019	0.82	0.82	0.82	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 29, 2019	3.00	3.00	3.00	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 29, 2019	0.12	0.12	0.12	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 29, 2019	0.50	0.50	0.50	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 29, 2019	0.04	0.04	0.04	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 29, 2019	0.40	0.40	0.40	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 29, 2019	1.30	1.30	1.30	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 29, 2019	0.30	0.30	0.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 29, 2019	0.10	0.10	0.10	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 29, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 29, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 29, 2019	0.20	0.20	0.20	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 29, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jun 29, 2019	0.19	0.21	0.19	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 29, 2019	0.20	0.20	0.20	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 29, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 29, 2019	1.37	1.37	1.37	100.0%
19070711	59	786	KENT	13120605	9	Jun 29, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	KENT	13120605	9	Jun 29, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 29, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 29, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 29, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	BITTON	13120735	9	Jun 29, 2019	0.03	0.03	0.03	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 29, 2019	1.96	1.96	1.96	100.0%
19081207	70	343	MOORE	13132050	4	Jun 29, 2019	0.17	0.19	0.17	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 29, 2019	0.50	0.56	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 29, 2019	0.33	0.37	0.33	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jun 29, 2019	1.82	1.82	1.82	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 29, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 29, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 29, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 29, 2019	0.09	0.09	0.09	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 29, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 29, 2019	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	Jun 29, 2019	0.03	0.03	0.03	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 29, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 29, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 29, 2019	1.30	1.30	1.30	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 29, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 29, 2019	1.20	1.20	1.20	100.0%

19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	0.13	0.14	0.13	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jun 29, 2019	0.02	0.02	0.02	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 29, 2019	0.82	0.82	0.82	100.0%
19140103	59	2233	KENT	13120605	9	Jun 29, 2019	0.69	0.69	0.69	100.0%
19140103	2610	2092	KENT	13120605	9	Jun 29, 2019	0.77	0.77	0.77	100.0%
19140103	59	1361	KENT	13120605	9	Jun 29, 2019	0.04	0.04	0.04	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 29, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jun 29, 2019	0.69	0.69	0.69	100.0%
19140103	2610	2092	BITTON	13120735	9	Jun 29, 2019	0.77	0.77	0.77	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 29, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 29, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 29, 2019	0.18	0.18	0.18	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 29, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 29, 2019	0.11	0.11	0.11	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 29, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 29, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 29, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 29, 2019	0.88	0.88	0.88	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jun 29, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 29, 2019	1.16	1.16	1.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 29, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 29, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 29, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 29, 2019	0.50	0.56	0.50	100.0%
19440508	437	737	ARCO	13132365	2	Jun 29, 2019	0.18	0.20	0.18	100.0%
19600501	90	175	MOORE	13132050	4	Jun 29, 2019	0.44	0.49	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jun 29, 2019	0.11	0.12	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 29, 2019	4.90	5.46	4.90	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 29, 2019	4.40	4.91	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 29, 2019	16.00	17.84	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jun 29, 2019	1.20	1.34	1.20	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 29, 2019	0.82	0.91	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 29, 2019	8.06	8.99	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 29, 2019	43.06	48.01	43.06	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 29, 2019	6.02	6.71	6.02	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jun 29, 2019	10.10	11.26	10.10	100.0%
19950411	476	1273	BECK	13130525	4	Jun 29, 2019	2.80	3.12	2.80	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 29, 2019	5.26	5.26	5.06	96.2%
19950411	476	1273	DARLINGTON	13127735	5	Jun 29, 2019	36.46	36.46	36.46	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 29, 2019	47.08	47.08	47.08	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 29, 2019	16.00	16.00	16.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 29, 2019	4.70	4.70	4.70	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 29, 2019	6.00	6.00	6.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 29, 2019	9969.40	9969.40	348.62	3.5%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 30, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 30	862.0	4.0	0.0	866.0	0.00	866.0	4.0	0.0	0.0	862.0	0.0	0.0
9	Howell to Chilly	Jun 30	672.0	118.4	0.0	-71.6	0.08	794.4	115.1	3.3	0.0	675.3	-3.3	0.0
8	Chilly to Reservoir	* Jun 30	722.1	70.7	0.0	120.9	0.00	915.3	64.5	6.2	0.0	731.7	-9.6	0.0
	Connected													
7	Mackay Reservoir	* Jun 30	715.6	0.0	0.0	0.0	0.00	972.7	342.1		0.0	389.6	326.0	0.0
6	Reservoir to 2B	Jun 30	704.0	11.6	0.0	0.0	0.00	915.3	11.5	0.1	0.0	378.1	325.9	0.0
5	2B to Leslie	Jun 30	579.0	182.4	0.0	57.4	0.00	972.7	177.5	4.9	0.0	258.0	321.0	0.0
4	Leslie to Moore	Jun 30	237.5	283.7	0.0	-57.8	0.10	972.7	177.3	106.4	0.0	55.0	182.5	0.0
2	Moore to blw Munsey	Jun 30	172.0	98.0	0.0	32.5	0.00	1005.2	87.5	10.5	0.0	0.0	172.0	0.0
1	Blw Munsey to Arco	Jun 30	174.0	0.0	0.0	2.0	0.00	1007.2	0.0	0.0	0.0	2.0	172.0	0.0
								TOTAL	979.4	131.4	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jun 30	0.0	0.0		20180101	3%
9	Howell to Chilly	Jun 30	0.0	0.0		20180101	3%
8	Chilly to Reservoir	Jun 30	0.0	0.0		20180101	3%
	Connected						
7	Mackay Reservoir	Jun 30	0.0	0.0		20180101	3%
6	Reservoir to 2B	Jun 30	0.0	0.0		20180101	3%
5	2B to Leslie	Jun 30	0.0	0.0		20180101	3%
4	Leslie to Moore	Jun 30	25.8	32.0		20180101	3%
2	Moore to blw Munsey	Jun 30	0.0	0.0		20180101	3%
1	Blw Munsey to Arco	Jun 30	0.0	0.0		20180101	3%
		TOTAL	25.8	32.0	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	387.2
2	18810630	1.7	294.0	205.7
3	18880601	3.2	556.5	387.2
4	18960601	6.4	1113.0	774.4
5	19020301	0.8	140.0	96.8
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	64235.0
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	109937.2

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44470.0	44460.0	-10.0	-5.0	11.6

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	66086.2
Total Storage Loss	-36564.6
Total Storage Deliver	-13060.6
Total Evaporation	-872.8
Accounting Balance	44458.2
Current Res Content	44460.0
Storage Balance Error	-1.8

DAILY STORAGE BALANCE

44470.0	Reservoir Content Previous Day [ac-ft]
44460.0	Reservoir Content Current Day [ac-ft]
-10.0	Physical Change in Storage [ac-ft]
678.5	Storage Allocated to Mackay Reservoir [ac-ft]
-404.6	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-32.0	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-172.0	Past Arco Gage [cfs]
-260.7	Storage Delivered [ac-ft]
9.5	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
4.9	2B to Leslie [cfs]
106.4	Leslie to Moore [cfs]
10.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-22.9	Evaporation [ac-ft]
-9.7	Accounting Change in Storage [ac-ft]
0.3	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

722.1	Gain in/above Mackay Reservoir [cfs]
57.4	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
32.5	Gain in Reach 2: Moore to Munsey [cfs]
2.0	Gain in Reach 1: Munsey to Arco [cfs]
814.0	Total Available Natural Flow [cfs]
342.1	Reservoir Rights Diverted [cfs]
27.8	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
25.8	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
2.0	Natural Flow Past Arco Gage [cfs]
444.3	Natural Flow Delivered [cfs]
-9.5	Above Reservoir Storage Use [cfs]
11.5	Reservoir to 2B [cfs]
177.5	2B to Leslie [cfs]
177.3	Leslie to Moore [cfs]
87.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
814.2	Natural Flow Delivered & Lost [cfs]
-0.2	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	12.5	625
Eastside Felton Wier +	81.5	4075
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	94.0	4700
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.2	60
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.7	135
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	118.6	5930
Island Babcock Delivery +	0.9	45
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.4	120
Island Wanstrom David +	0.0	0
Eastside OUT	66.0	3300
Total Out	194.6	9730

Abbreviated Reach Delivery Factor 2.07
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 358.6%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 66.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 18.4 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 85.6%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 21.5 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 110.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 262.5%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 306.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jun 30, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.3	0.0	0.2	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.6	0.1	16.6
9	BITTON	6.3	0.0	0.2	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.7	0.1	47.2	8	No Tellum 4	3.2	0.0	0.0	5	SWAUGER	19.4	0.0	263.1
9	Thalman Hunter D	4.7	0.1	39.2	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	61.0	0.9	715.8
9	NEILSEN	43.5	3.2	384.2	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	86.0	4.0	1199.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	42.0	0.0	0.0	8	Broken River Pum	4.0	0.0	11.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	6.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	16.8	8.0	482.9
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.4	0.0	0.0	4	PEHRSON	4.0	4.0	333.2
8	Donahue 1	0.8	0.7	93.6	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	5.6
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	206.3
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	8.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	134.4	10.9	2593.8
8	Mtn. Springs 1	0.0	5.5	414.4	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	110.5	81.3	5999.4
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.5	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	48.0	12.3	751.1
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	50.0	4.4	245.1
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	4.0	404.6	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 30, 2019	2.08	2.08	2.08	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 30, 2019	3.12	3.12	3.12	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 30, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 30, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jun 30, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jun 30, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 30, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 30, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 4	13123155	8	Jun 30, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 30, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 30, 2019	3.00	3.00	3.00	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 30, 2019	0.79	0.88	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 30, 2019	1.54	1.71	1.54	100.0%
18830601	221	855	MOORE	13132050	4	Jun 30, 2019	1.60	1.78	1.60	100.0%
18830601	566	1778	MOORE	13132050	4	Jun 30, 2019	0.27	0.30	0.27	100.0%
18830630	331	1150	MOORE	13132050	4	Jun 30, 2019	1.13	1.26	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jun 30, 2019	1.72	1.91	1.72	100.0%
18830810	263	393	MOORE	13132050	4	Jun 30, 2019	0.18	0.20	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 30, 2019	0.18	0.20	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jun 30, 2019	0.01	0.01	0.01	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	0.43	0.48	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	0.21	0.24	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jun 30, 2019	1.64	1.82	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 30, 2019	0.14	0.16	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 30, 2019	0.07	0.07	0.07	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jun 30, 2019	1.12	1.12	1.12	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 30, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 30, 2019	0.55	0.55	0.55	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 30, 2019	1.44	1.44	1.44	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 30, 2019	0.96	0.96	0.96	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jun 30, 2019	0.14	0.14	0.14	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 30, 2019	0.20	0.20	0.20	100.0%
18840422	490	1749	BURNETT	13127750	5	Jun 30, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Jun 30, 2019	0.79	0.79	0.79	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 30, 2019	1.92	1.92	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 30, 2019	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 30, 2019	2.00	2.00	2.00	100.0%
18840422	284	228	SHARP	13126500	6	Jun 30, 2019	0.13	0.13	0.13	100.0%
18840422	347	938	SHARP	13126500	6	Jun 30, 2019	4.00	4.00	4.00	100.0%
18840422	632	2077	SHARP	13126500	6	Jun 30, 2019	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	Jun 30, 2019	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 30, 2019	0.64	0.64	0.64	100.0%
18840423	280	1860	SHARP	13126500	6	Jun 30, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jun 30, 2019	1.00	1.11	1.00	100.0%
18840430	73	2021	BURNETT	13127750	5	Jun 30, 2019	0.37	0.37	0.37	100.0%
18840430	73	2020	BURNETT	13127750	5	Jun 30, 2019	1.23	1.23	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 30, 2019	0.80	0.80	0.80	100.0%
18840430	623	2234	BURNETT	13127750	5	Jun 30, 2019	0.40	0.40	0.40	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 30, 2019	0.40	0.40	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 30, 2019	0.80	0.80	0.80	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 30, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 30, 2019	0.22	0.22	0.22	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 30, 2019	0.50	0.56	0.50	100.0%
18840520	414	1796	MOORE	13132050	4	Jun 30, 2019	1.60	1.78	1.60	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 30, 2019	0.22	0.24	0.22	100.0%
18840520	242	210	MOORE	13132050	4	Jun 30, 2019	0.21	0.23	0.21	100.0%
18840520	187	1935	MOORE	13132050	4	Jun 30, 2019	0.04	0.04	0.04	100.0%
18840520	427	1	MOORE	13132050	4	Jun 30, 2019	1.12	1.24	1.12	100.0%
18840520	433	271	MOORE	13132050	4	Jun 30, 2019	0.54	0.60	0.54	100.0%

18840520	459	1478	MOORE	13132050	4	Jun 30, 2019	0.01	0.01	0.01	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 30, 2019	2.14	2.38	2.14	100.0%
18840520	2335	1886	MOORE	13132050	4	Jun 30, 2019	0.80	0.89	0.80	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 30, 2019	2.24	2.49	2.24	100.0%
18840520	566	1782	MOORE	13132050	4	Jun 30, 2019	0.78	0.87	0.78	100.0%
18840520	187	1872	MOORE	13132050	4	Jun 30, 2019	0.01	0.01	0.01	100.0%
18840520	187	1871	MOORE	13132050	4	Jun 30, 2019	0.18	0.20	0.18	100.0%
18840520	263	394	MOORE	13132050	4	Jun 30, 2019	0.22	0.24	0.22	100.0%
18840520	113	585	MOORE	13132050	4	Jun 30, 2019	0.11	0.12	0.11	100.0%
18840520	180	470	MOORE	13132050	4	Jun 30, 2019	0.16	0.18	0.16	100.0%
18840520	651	1727	MOORE	13132050	4	Jun 30, 2019	0.02	0.02	0.02	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	0.80	0.89	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jun 30, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 30, 2019	0.72	0.72	0.72	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 30, 2019	1.28	1.42	1.28	100.0%
18840601	263	395	MOORE	13132050	4	Jun 30, 2019	0.08	0.09	0.08	100.0%
18840601	651	1728	MOORE	13132050	4	Jun 30, 2019	0.01	0.01	0.01	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 30, 2019	0.08	0.09	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 30, 2019	0.54	0.60	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 30, 2019	0.09	0.10	0.09	100.0%
18840601	62	1013	MOORE	13132050	4	Jun 30, 2019	1.20	1.33	1.20	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jun 30, 2019	0.16	0.18	0.16	100.0%
18840601	623	2182	BURNETT	13127750	5	Jun 30, 2019	0.40	0.40	0.40	100.0%
18840601	623	2181	BURNETT	13127750	5	Jun 30, 2019	0.27	0.27	0.27	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 30, 2019	0.20	0.20	0.20	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 30, 2019	0.73	0.73	0.73	100.0%
18840601	623	2134	BURNETT	13127750	5	Jun 30, 2019	0.20	0.20	0.20	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 30, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 30, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 4	13123155	8	Jun 30, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 30, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 30, 2019	0.40	0.40	0.40	100.0%
18840715	459	798	MOORE	13132050	4	Jun 30, 2019	0.80	0.89	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jun 30, 2019	0.54	0.60	0.54	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 30, 2019	0.80	0.89	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 30, 2019	1.20	1.33	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Jun 30, 2019	0.80	0.89	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 30, 2019	1.20	1.33	1.20	100.0%
18840731	331	1151	MOORE	13132050	4	Jun 30, 2019	0.09	0.10	0.09	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 30, 2019	0.40	0.44	0.40	100.0%
18840831	533	421	MOORE	13132050	4	Jun 30, 2019	0.14	0.16	0.14	100.0%
18840831	306	1200	MOORE	13132050	4	Jun 30, 2019	0.20	0.22	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Jun 30, 2019	0.58	0.64	0.58	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	0.44	0.49	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	0.40	0.44	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	0.50	0.56	0.50	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 30, 2019	3.20	3.55	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 30, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jun 30, 2019	0.03	0.03	0.03	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 30, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jun 30, 2019	1.76	1.96	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Jun 30, 2019	0.89	0.99	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 30, 2019	1.25	1.39	1.25	100.0%
18841012	70	341	MOORE	13132050	4	Jun 30, 2019	0.31	0.34	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Jun 30, 2019	0.58	0.64	0.58	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 30, 2019	0.74	0.74	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 30, 2019	2.77	2.77	2.77	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 30, 2019	1.20	1.20	1.20	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 30, 2019	0.72	0.72	0.72	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 30, 2019	3.00	3.00	3.00	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 30, 2019	2.78	2.78	2.78	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 30, 2019	2.00	2.00	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 30, 2019	0.79	0.79	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 30, 2019	1.65	1.65	1.65	100.0%

18850218	660	1654	DARLINGTON	13127735	5	Jun 30, 2019	0.56	0.56	0.56	100.0%
18850501	423	87	ARCO	13132365	2	Jun 30, 2019	0.20	0.22	0.18	90.0%
18850501	423	186	ARCO	13132365	2	Jun 30, 2019	0.26	0.29	0.23	90.0%
18850501	426	887	ARCO	13132365	2	Jun 30, 2019	0.64	0.71	0.58	90.0%
18850501	468	59	ARCO	13132365	2	Jun 30, 2019	0.74	0.82	0.67	90.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jun 30, 2019	0.20	0.22	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jun 30, 2019	0.24	0.27	0.24	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jun 30, 2019	1.80	2.00	1.80	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 30, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 30, 2019	0.50	0.50	0.50	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	0.20	0.22	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	1.30	1.44	1.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 30, 2019	0.48	0.53	0.48	100.0%
18850515	640	1939	MOORE	13132050	4	Jun 30, 2019	0.30	0.33	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jun 30, 2019	0.56	0.62	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jun 30, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jun 30, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jun 30, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Jun 30, 2019	0.19	0.19	0.19	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 30, 2019	1.56	1.73	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	2.80	3.11	2.80	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jun 30, 2019	0.98	0.98	0.98	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 30, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jun 30, 2019	0.59	0.66	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jun 30, 2019	1.20	1.33	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jun 30, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 30, 2019	1.40	1.40	1.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 30, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 30, 2019	1.10	1.10	1.10	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jun 30, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 30, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 30, 2019	1.54	1.54	1.54	100.0%
18851002	356	42	ARCO	13132365	2	Jun 30, 2019	4.50	5.00	4.05	90.0%
18851002	468	61	ARCO	13132365	2	Jun 30, 2019	3.60	4.00	3.24	90.0%
18851002	437	62	ARCO	13132365	2	Jun 30, 2019	1.54	1.71	1.39	90.0%
18851002	356	82	ARCO	13132365	2	Jun 30, 2019	0.50	0.56	0.45	90.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 30, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 30, 2019	1.60	1.78	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jun 30, 2019	1.20	1.33	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 30, 2019	2.80	3.11	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jun 30, 2019	2.56	2.84	2.56	100.0%
18860512	651	1731	MOORE	13132050	4	Jun 30, 2019	0.01	0.01	0.01	100.0%
18860512	263	398	MOORE	13132050	4	Jun 30, 2019	0.18	0.20	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 30, 2019	0.18	0.20	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	1.61	1.79	1.61	100.0%
18860601	470	1323	MOORE	13132050	4	Jun 30, 2019	0.20	0.22	0.20	100.0%
18860601	90	1377	MOORE	13132050	4	Jun 30, 2019	2.40	2.67	2.40	100.0%
18860601	470	1858	MOORE	13132050	4	Jun 30, 2019	0.08	0.09	0.08	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	1.24	1.38	1.24	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	1.60	1.78	1.60	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	1.00	1.11	1.00	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 30, 2019	1.60	1.60	1.60	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 30, 2019	0.80	0.80	0.80	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	0.10	0.11	0.10	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	1.00	1.11	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jun 30, 2019	0.60	0.60	0.60	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jun 30, 2019	0.45	0.45	0.45	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 30, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jun 30, 2019	0.52	0.52	0.52	100.0%
18860721	260	1668	BURNETT	13127750	5	Jun 30, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jun 30, 2019	0.84	0.93	0.76	90.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 30, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jun 30, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jun 30, 2019	1.26	1.26	1.26	100.0%

18870302	618	1510	MOORE	13132050	4	Jun 30, 2019	1.60	1.78	1.60	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 30, 2019	3.20	3.55	3.20	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jun 30, 2019	0.80	0.89	0.80	100.0%
18870313	459	682	MOORE	13132050	4	Jun 30, 2019	0.65	0.72	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Jun 30, 2019	0.42	0.47	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Jun 30, 2019	0.13	0.14	0.13	100.0%
18870313	70	337	MOORE	13132050	4	Jun 30, 2019	0.23	0.26	0.23	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 30, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 30, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 30, 2019	2.54	2.82	2.29	90.0%
18870601	423	76	ARCO	13132365	2	Jun 30, 2019	0.22	0.24	0.20	90.0%
18870601	423	1028	ARCO	13132365	2	Jun 30, 2019	1.80	2.00	1.62	90.0%
18870601	90	1199	MUNSEY	13132375	2	Jun 30, 2019	0.50	0.56	0.45	90.0%
18870601	19	892	MUNSEY	13132375	2	Jun 30, 2019	0.80	0.89	0.72	90.0%
18870601	305	1351	3IN1	13130605	4	Jun 30, 2019	1.00	1.11	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jun 30, 2019	2.40	2.67	2.40	100.0%
18870601	490	1783	BURNETT	13127750	5	Jun 30, 2019	0.35	0.35	0.35	100.0%
18870601	490	1747	BURNETT	13127750	5	Jun 30, 2019	0.25	0.25	0.25	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 30, 2019	0.16	0.16	0.16	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 30, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 30, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 4	13123155	8	Jun 30, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 30, 2019	0.96	0.96	0.96	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 30, 2019	1.44	1.44	1.44	100.0%
18870630	236	1428	BECK	13130525	4	Jun 30, 2019	0.36	0.40	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 30, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jun 30, 2019	1.42	1.58	1.28	90.0%
18870801	119	1166	BURNETT	13127750	5	Jun 30, 2019	0.27	0.27	0.27	100.0%
18870831	119	1154	BURNETT	13127750	5	Jun 30, 2019	0.20	0.20	0.20	100.0%
18880401	279	2120	Anderson	13120745	9	Jun 30, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jun 30, 2019	0.49	0.49	0.49	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jun 30, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jun 30, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jun 30, 2019	0.33	0.37	0.30	90.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	0.90	1.00	0.90	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jun 30, 2019	0.76	0.76	0.76	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jun 30, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 30, 2019	0.48	0.48	0.48	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 30, 2019	0.72	0.72	0.72	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 30, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 30, 2019	0.40	0.44	0.36	90.0%
18880801	279	2125	Anderson	13120745	9	Jun 30, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jun 30, 2019	0.73	0.73	0.73	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jun 30, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jun 30, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	KENT	13120605	9	Jun 30, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	Jun 30, 2019	0.77	0.77	0.77	100.0%
18881101	2610	2095	BITTON	13120735	9	Jun 30, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jun 30, 2019	0.83	0.83	0.83	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jun 30, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jun 30, 2019	0.18	0.20	0.18	100.0%
18890601	441	205	MOORE	13132050	4	Jun 30, 2019	0.97	1.08	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 30, 2019	0.50	0.56	0.50	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 30, 2019	0.70	0.70	0.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 30, 2019	1.20	1.20	1.20	100.0%
18900601	426	756	ARCO	13132365	2	Jun 30, 2019	0.57	0.63	0.51	90.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jun 30, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 30, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 30, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 30, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 30, 2019	0.24	0.24	0.24	100.0%
18910630	205	2065	BECK	13130525	4	Jun 30, 2019	0.65	0.72	0.65	100.0%
18910630	414	1849	MOORE	13132050	4	Jun 30, 2019	0.60	0.67	0.60	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 30, 2019	5.20	5.20	5.20	100.0%

18920101	394	1607	MOORE	13132050	4	Jun 30, 2019	0.20	0.22	0.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 30, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 30, 2019	1.45	1.45	1.45	100.0%
18930201	414	1865	MOORE	13132050	4	Jun 30, 2019	0.30	0.33	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jun 30, 2019	0.22	0.24	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jun 30, 2019	0.30	0.33	0.30	100.0%
18930201	158	538	MOORE	13132050	4	Jun 30, 2019	0.03	0.03	0.03	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 30, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	Jun 30, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	KENT	13120605	9	Jun 30, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	KENT	13120605	9	Jun 30, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	BITTON	13120735	9	Jun 30, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	Jun 30, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jun 30, 2019	0.58	0.58	0.58	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 30, 2019	0.44	0.44	0.44	100.0%
18940310	265	2217	BURNETT	13127750	5	Jun 30, 2019	2.80	2.80	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jun 30, 2019	0.96	0.96	0.96	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 30, 2019	0.40	0.40	0.40	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 30, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 30, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jun 30, 2019	3.20	3.55	2.88	90.0%
18940601	158	536	MOORE	13132050	4	Jun 30, 2019	0.02	0.02	0.02	100.0%
18940601	417	379	MOORE	13132050	4	Jun 30, 2019	0.15	0.17	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	2.50	2.78	2.50	100.0%
18940601	632	1724	SHARP	13126500	6	Jun 30, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jun 30, 2019	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 30, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 30, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	Jun 30, 2019	0.80	0.89	0.80	100.0%
18950601	158	534	MOORE	13132050	4	Jun 30, 2019	0.01	0.01	0.01	100.0%
18950601	417	378	MOORE	13132050	4	Jun 30, 2019	0.10	0.11	0.10	100.0%
18950601	242	212	MOORE	13132050	4	Jun 30, 2019	0.11	0.12	0.11	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	0.40	0.44	0.40	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 30, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 30, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jun 30, 2019	1.74	1.93	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jun 30, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jun 30, 2019	0.25	0.28	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jun 30, 2019	0.25	0.28	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 30, 2019	1.50	1.50	1.50	100.0%
18960601	417	381	MOORE	13132050	4	Jun 30, 2019	2.40	2.67	2.40	100.0%
18960601	417	992	MOORE	13132050	4	Jun 30, 2019	1.20	1.33	1.20	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 30, 2019	0.48	0.53	0.48	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 30, 2019	0.23	0.26	0.23	100.0%
18960601	441	207	MOORE	13132050	4	Jun 30, 2019	0.99	1.10	0.99	100.0%
18960601	442	2196	MOORE	13132050	4	Jun 30, 2019	1.56	1.73	1.56	100.0%
18960601	459	1120	MOORE	13132050	4	Jun 30, 2019	0.40	0.44	0.40	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 30, 2019	2.12	2.36	2.12	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 30, 2019	0.40	0.44	0.40	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 30, 2019	0.60	0.67	0.60	100.0%
18960601	651	1730	MOORE	13132050	4	Jun 30, 2019	0.03	0.03	0.03	100.0%
18960601	533	424	MOORE	13132050	4	Jun 30, 2019	0.06	0.07	0.06	100.0%
18960601	459	993	MOORE	13132050	4	Jun 30, 2019	0.40	0.44	0.40	100.0%
18960601	306	1695	MOORE	13132050	4	Jun 30, 2019	0.42	0.47	0.42	100.0%
18960601	651	1732	MOORE	13132050	4	Jun 30, 2019	0.02	0.02	0.02	100.0%
18960601	309	877	MOORE	13132050	4	Jun 30, 2019	0.07	0.07	0.07	100.0%
18960601	263	399	MOORE	13132050	4	Jun 30, 2019	0.27	0.30	0.27	100.0%
18960601	158	540	MOORE	13132050	4	Jun 30, 2019	0.32	0.36	0.32	100.0%
18960601	402	876	MOORE	13132050	4	Jun 30, 2019	0.07	0.07	0.07	100.0%
18960601	263	397	MOORE	13132050	4	Jun 30, 2019	0.35	0.39	0.35	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jun 30, 2019	0.40	0.44	0.40	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jun 30, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 30, 2019	2.00	2.22	1.80	90.0%

18960901	437	671	ARCO	13132365	2	Jun 30, 2019	0.13	0.14	0.12	90.0%
18960928	150	216	MUNSEY	13132375	2	Jun 30, 2019	0.03	0.03	0.03	90.0%
18960928	150	215	MUNSEY	13132375	2	Jun 30, 2019	1.97	2.19	1.77	90.0%
18960928	407	307	MUNSEY	13132375	2	Jun 30, 2019	0.51	0.57	0.46	90.0%
18960928	442	2158	MUNSEY	13132375	2	Jun 30, 2019	4.40	4.89	1.15	26.1%
18960928	15	80	MUNSEY	13132375	2	Jun 30, 2019	2.33	2.59	2.33	100.0%
18960928	90	46	MUNSEY	13132375	2	Jun 30, 2019	1.00	1.11	1.00	100.0%
18970510	437	664	ARCO	13132365	2	Jun 30, 2019	1.74	1.93	1.74	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jun 30, 2019	1.15	1.15	1.15	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 30, 2019	2.00	2.00	2.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 30, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 30, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jun 30, 2019	0.22	0.24	0.22	100.0%
18980601	437	1310	ARCO	13132365	2	Jun 30, 2019	1.60	1.78	1.60	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	0.65	0.72	0.65	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 30, 2019	0.48	0.48	0.48	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 30, 2019	0.72	0.72	0.72	100.0%
18980901	268	562	ARCO	13132365	2	Jun 30, 2019	1.57	1.74	1.57	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 30, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	1.00	1.11	1.00	100.0%
18990327	180	468	MOORE	13132050	4	Jun 30, 2019	0.05	0.06	0.05	100.0%
18990327	113	584	MOORE	13132050	4	Jun 30, 2019	0.03	0.03	0.03	100.0%
18990327	2331	469	MOORE	13132050	4	Jun 30, 2019	0.53	0.59	0.53	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 30, 2019	0.01	0.01	0.01	100.0%
18990327	566	1830	MOORE	13132050	4	Jun 30, 2019	0.21	0.23	0.21	100.0%
18990327	2331	467	MOORE	13132050	4	Jun 30, 2019	0.60	0.67	0.60	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 30, 2019	2.72	3.02	2.72	100.0%
18990601	126	1881	MOORE	13132050	4	Jun 30, 2019	0.08	0.09	0.08	100.0%
18990601	180	2110	MOORE	13132050	4	Jun 30, 2019	0.03	0.03	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 30, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 30, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Jun 30, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jun 30, 2019	0.52	0.52	0.52	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jun 30, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jun 30, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 30, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	0.20	0.22	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jun 30, 2019	0.15	0.16	0.15	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 30, 2019	3.20	3.20	3.20	100.0%
19010901	70	339	MOORE	13132050	4	Jun 30, 2019	0.12	0.13	0.12	100.0%
19010901	459	340	MOORE	13132050	4	Jun 30, 2019	0.23	0.26	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jun 30, 2019	0.35	0.39	0.35	100.0%
19011001	263	396	MOORE	13132050	4	Jun 30, 2019	0.12	0.13	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jun 30, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	Jun 30, 2019	1.31	1.46	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jun 30, 2019	2.36	2.36	2.36	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	0.20	0.22	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 30, 2019	0.31	0.34	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	0.20	0.22	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jun 30, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 30, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 30, 2019	0.60	0.60	0.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 30, 2019	2.40	2.40	2.40	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 30, 2019	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 30, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 30, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Jun 30, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 30, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 30, 2019	2.70	3.00	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jun 30, 2019	2.40	2.40	2.40	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 30, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 30, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jun 30, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jun 30, 2019	1.22	1.22	1.22	100.0%

19020601	232	2220	NEILSEN	13120805	9	Jun 30, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jun 30, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Jun 30, 2019	0.24	0.24	0.24	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 30, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 30, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 30, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jun 30, 2019	1.56	1.73	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jun 30, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jun 30, 2019	0.38	0.38	0.38	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jun 30, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jun 30, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 30, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 30, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 30, 2019	0.13	0.13	0.13	100.0%
19050501	2610	2093	KENT	13120605	9	Jun 30, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	KENT	13120605	9	Jun 30, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	KENT	13120605	9	Jun 30, 2019	0.45	0.45	0.45	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 30, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 30, 2019	0.62	0.62	0.62	100.0%
19050501	59	784	BITTON	13120735	9	Jun 30, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	BITTON	13120735	9	Jun 30, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	BITTON	13120735	9	Jun 30, 2019	0.45	0.45	0.45	100.0%
19050501	279	2124	Anderson	13120745	9	Jun 30, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jun 30, 2019	0.31	0.31	0.31	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jun 30, 2019	0.12	0.12	0.12	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 30, 2019	1.30	1.30	1.30	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jun 30, 2019	0.04	0.04	0.04	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 30, 2019	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 30, 2019	0.82	0.82	0.82	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 30, 2019	0.40	0.40	0.40	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 30, 2019	0.65	0.65	0.65	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 30, 2019	0.30	0.30	0.30	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 30, 2019	0.50	0.50	0.50	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jun 30, 2019	0.10	0.10	0.10	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 30, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	Jun 30, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 30, 2019	0.20	0.20	0.20	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 30, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jun 30, 2019	0.19	0.21	0.19	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 30, 2019	0.20	0.20	0.20	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jun 30, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jun 30, 2019	1.37	1.37	1.37	100.0%
19070711	59	786	KENT	13120605	9	Jun 30, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	KENT	13120605	9	Jun 30, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	KENT	13120605	9	Jun 30, 2019	0.53	0.53	0.53	100.0%
19070711	2610	2094	BITTON	13120735	9	Jun 30, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	BITTON	13120735	9	Jun 30, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	BITTON	13120735	9	Jun 30, 2019	0.55	0.55	0.55	100.0%
19080709	475	1098	BURNETT	13127750	5	Jun 30, 2019	1.96	1.96	1.96	100.0%
19081207	70	343	MOORE	13132050	4	Jun 30, 2019	0.17	0.19	0.17	100.0%
19081207	459	344	MOORE	13132050	4	Jun 30, 2019	0.33	0.37	0.33	100.0%
19081207	459	1080	MOORE	13132050	4	Jun 30, 2019	0.50	0.56	0.50	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jun 30, 2019	1.82	1.82	1.82	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jun 30, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jun 30, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 30, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jun 30, 2019	0.09	0.09	0.09	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 30, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 30, 2019	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	Jun 30, 2019	0.03	0.03	0.03	100.0%
19121003	55	104	NEILSEN	13120805	9	Jun 30, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jun 30, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 30, 2019	1.20	1.20	1.20	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 30, 2019	2.10	2.10	2.10	100.0%

19121014	130	75	NEILSEN	13120805	9	Jun 30, 2019	1.30	1.30	1.30	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	0.13	0.14	0.13	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jun 30, 2019	0.02	0.02	0.02	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 30, 2019	0.82	0.82	0.82	100.0%
19140103	59	2233	KENT	13120605	9	Jun 30, 2019	0.69	0.69	0.69	100.0%
19140103	2610	2092	KENT	13120605	9	Jun 30, 2019	0.77	0.77	0.77	100.0%
19140103	59	1361	KENT	13120605	9	Jun 30, 2019	0.04	0.04	0.04	100.0%
19140103	59	1361	BITTON	13120735	9	Jun 30, 2019	0.04	0.04	0.04	100.0%
19140103	2610	2092	BITTON	13120735	9	Jun 30, 2019	0.77	0.77	0.77	100.0%
19140103	59	2233	BITTON	13120735	9	Jun 30, 2019	0.69	0.69	0.69	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 30, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 30, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jun 30, 2019	0.80	0.80	0.80	100.0%
19160212	279	2123	Anderson	13120745	9	Jun 30, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jun 30, 2019	0.11	0.11	0.11	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 30, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 30, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jun 30, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jun 30, 2019	0.88	0.88	0.88	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jun 30, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 30, 2019	1.16	1.16	1.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jun 30, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 30, 2019	0.27	0.27	0.27	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 30, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 30, 2019	0.50	0.56	0.50	100.0%
19440508	437	737	ARCO	13132365	2	Jun 30, 2019	0.18	0.20	0.18	100.0%
19600501	90	175	MOORE	13132050	4	Jun 30, 2019	0.44	0.49	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jun 30, 2019	0.11	0.12	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jun 30, 2019	4.90	5.44	4.90	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 30, 2019	4.40	4.89	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 30, 2019	16.00	17.77	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jun 30, 2019	0.30	0.33	0.30	100.0%
19810501	566	1684	MOORE	13132050	4	Jun 30, 2019	0.82	0.91	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 30, 2019	8.06	8.95	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 30, 2019	43.06	47.84	43.06	100.0%
19950411	476	1273	ARCO	13132365	2	Jun 30, 2019	12.02	13.35	12.02	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jun 30, 2019	8.50	9.44	8.50	100.0%
19950411	476	1273	BECK	13130525	4	Jun 30, 2019	2.80	3.11	2.80	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jun 30, 2019	5.06	5.06	5.06	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jun 30, 2019	38.56	38.56	38.56	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 30, 2019	47.58	47.58	47.58	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jun 30, 2019	16.00	16.00	16.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jun 30, 2019	4.70	4.70	4.70	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 30, 2019	6.00	6.00	6.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jun 30, 2019	9969.40	9969.40	326.77	3.3%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 1, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 1	947.0	4.0	0.0	951.0	0.00	951.0	4.0	0.0	0.0	947.0	0.0	0.0
9	Howell to Chilly	Jul 1	725.0	115.6	0.0	-106.4	0.11	844.6	111.0	4.6	0.0	729.6	-4.6	0.0
8	Chilly to Reservoir	* Jul 1	786.4	69.4	0.0	130.9	0.00	975.5	63.7	5.7	0.0	796.8	-10.4	0.0
	Connected													
7	Mackay Reservoir	* Jul 1	753.0	0.0	0.0	0.0	0.00	1020.8	374.4		0.0	422.4	330.6	0.0
6	Reservoir to 2B	Jul 1	741.0	12.0	0.0	0.0	0.00	975.5	11.9	0.1	0.0	410.5	330.5	0.0
5	2B to Leslie	Jul 1	601.0	185.3	0.0	45.3	0.00	1020.8	171.3	14.0	0.0	284.5	316.5	0.0
4	Leslie to Moore	Jul 1	240.3	286.3	0.0	-74.4	0.12	1020.8	181.7	104.6	0.0	67.6	172.7	0.0
2	Moore to blw Munsey	Jul 1	156.0	109.0	0.0	24.7	0.00	1045.4	92.3	16.7	0.0	0.0	156.0	0.0
1	Blw Munsey to Arco	Jul 1	160.0	0.0	0.0	4.0	0.00	1049.4	0.0	0.0	0.0	4.0	156.0	0.0
								TOTAL	1010.2	145.7	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 1	0.0	0.0		20180101	4%
9	Howell to Chilly	Jul 1	0.0	0.0		20180101	4%
8	Chilly to Reservoir	Jul 1	0.0	0.0		20180101	4%
	Connected						
7	Mackay Reservoir	Jul 1	0.0	0.0		20180101	4%
6	Reservoir to 2B	Jul 1	0.0	0.0		20180101	4%
5	2B to Leslie	Jul 1	0.0	0.0		20180101	4%
4	Leslie to Moore	Jul 1	35.2	39.2		20180101	4%
2	Moore to blw Munsey	Jul 1	0.0	0.0		20180101	4%
1	Blw Munsey to Arco	Jul 1	0.0	0.0		20180101	4%
		TOTAL	35.2	39.2	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	393.5
2	18810630	1.7	294.0	209.1
3	18880601	3.2	556.5	393.5
4	18960601	6.4	1113.0	787.1
5	19020301	0.8	140.0	98.4
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	64947.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	110679.8

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44460.0	44500.0	40.0	20.2	13.3

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	66828.8
Total Storage Loss	-36951.8
Total Storage Deliver	-13349.6
Total Evaporation	-899.1
Accounting Balance	44498.3
Current Res Content	44500.0
Storage Balance Error	-1.7

DAILY STORAGE BALANCE

44460.0	Reservoir Content Previous Day [ac-ft]
44500.0	Reservoir Content Current Day [ac-ft]
40.0	Physical Change in Storage [ac-ft]
742.6	Storage Allocated to Mackay Reservoir [ac-ft]
-387.2	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-39.2	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-156.0	Past Arco Gage [cfs]
-289.0	Storage Delivered [ac-ft]
10.3	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
14.0	2B to Leslie [cfs]
104.6	Leslie to Moore [cfs]
16.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-26.3	Evaporation [ac-ft]
40.1	Accounting Change in Storage [ac-ft]
0.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

786.4	Gain in/above Mackay Reservoir [cfs]
45.3	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
24.7	Gain in Reach 2: Moore to Munsey [cfs]
4.0	Gain in Reach 1: Munsey to Arco [cfs]
860.4	Total Available Natural Flow [cfs]
374.4	Reservoir Rights Diverted [cfs]
39.2	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
35.2	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
4.0	Natural Flow Past Arco Gage [cfs]
446.9	Natural Flow Delivered [cfs]
-10.3	Above Reservoir Storage Use [cfs]
11.9	Reservoir to 2B [cfs]
171.3	2B to Leslie [cfs]
181.7	Leslie to Moore [cfs]
92.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
860.5	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	10.5	525
Eastside Felton Wier +	79.0	3950
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	89.5	4475
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.2	60
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.7	135
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	115.6	5780
Island Babcock Delivery +	0.9	45
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.4	120
Island Wanstrom David +	0.0	0
Eastside OUT	63.0	3150
Total Out	188.6	9430

Abbreviated Reach Delivery Factor Total Out Divided By Total In	2.11

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 361.9%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 63.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 17.4 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 85.6%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 20.3 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 111.7 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 254.7%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 309.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 1, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.5	0.0	0.2	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.6	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	12.0	0.1	16.8
9	BITTON	5.5	0.0	0.2	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	5.0	0.0	47.2	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	19.0	0.0	263.1
9	Thalman Hunter D	4.0	0.0	39.2	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	59.3	4.0	723.7
9	NEILSEN	42.9	4.6	393.4	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	91.0	10.0	1219.3
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	41.0	0.0	0.0	8	Broken River Pum	6.0	0.0	11.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	5.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	17.0	8.0	498.8
8	Mtn. Springs 3	5.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	5.0	5.0	343.1
8	Donahue 1	0.8	0.7	95.0	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	5.8
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	210.3
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	9.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	134.6	11.0	2615.6
8	Mtn. Springs 1	5.0	5.0	424.3	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	111.7	81.3	6160.6
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	50.0	11.9	774.7
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	59.0	8.1	261.1
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	4.0	412.6	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 01, 2019	2.03	2.03	2.03	100.0%
18750601	483	12	LONGHURST	13121505	9	Jul 01, 2019	3.17	3.17	3.17	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 01, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 01, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 01, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 01, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 01, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 01, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 01, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 01, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 01, 2019	1.20	1.20	1.20	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 01, 2019	1.54	1.76	1.54	100.0%
18830601	221	855	MOORE	13132050	4	Jul 01, 2019	1.60	1.83	1.60	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 01, 2019	0.79	0.90	0.79	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 01, 2019	0.27	0.31	0.27	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 01, 2019	1.13	1.29	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 01, 2019	1.72	1.96	1.72	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 01, 2019	0.01	0.01	0.01	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 01, 2019	0.18	0.21	0.18	100.0%
18830810	263	393	MOORE	13132050	4	Jul 01, 2019	0.18	0.21	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.21	0.24	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.43	0.49	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.21	0.24	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 01, 2019	1.64	1.87	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 01, 2019	0.14	0.16	0.14	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 01, 2019	1.12	1.12	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 01, 2019	0.07	0.07	0.07	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 01, 2019	0.20	0.20	0.20	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 01, 2019	0.55	0.55	0.55	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 01, 2019	0.14	0.14	0.14	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 01, 2019	1.63	1.63	1.63	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 01, 2019	1.44	1.44	1.44	100.0%
18840422	492	1291	DARLINGTON	13127735	5	Jul 01, 2019	0.10	0.10	0.10	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 01, 2019	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 01, 2019	1.92	1.92	1.92	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 01, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 01, 2019	0.21	0.21	0.21	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 01, 2019	0.50	0.50	0.50	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 01, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Jul 01, 2019	4.00	4.00	4.00	100.0%
18840422	284	228	SHARP	13126500	6	Jul 01, 2019	0.13	0.13	0.13	100.0%
18840422	24	120	SHARP	13126500	6	Jul 01, 2019	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 01, 2019	0.64	0.64	0.64	100.0%
18840423	280	1860	SHARP	13126500	6	Jul 01, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jul 01, 2019	1.00	1.14	1.00	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 01, 2019	0.40	0.40	0.40	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 01, 2019	0.40	0.40	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 01, 2019	0.37	0.37	0.37	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 01, 2019	0.80	0.80	0.80	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 01, 2019	0.80	0.80	0.80	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 01, 2019	1.23	1.23	1.23	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 01, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 01, 2019	1.80	1.80	1.80	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 01, 2019	0.22	0.25	0.22	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 01, 2019	0.78	0.89	0.78	100.0%
18840520	113	585	MOORE	13132050	4	Jul 01, 2019	0.11	0.13	0.11	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 01, 2019	2.14	2.44	2.14	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 01, 2019	1.60	1.83	1.60	100.0%
18840520	427	1	MOORE	13132050	4	Jul 01, 2019	1.12	1.28	1.12	100.0%

18840520	263	394	MOORE	13132050	4	Jul 01, 2019	0.22	0.25	0.22	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 01, 2019	0.80	0.91	0.80	100.0%
18840520	433	271	MOORE	13132050	4	Jul 01, 2019	0.54	0.62	0.54	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 01, 2019	0.01	0.01	0.01	100.0%
18840520	242	210	MOORE	13132050	4	Jul 01, 2019	0.21	0.24	0.21	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 01, 2019	2.24	2.56	2.24	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 01, 2019	0.01	0.01	0.01	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 01, 2019	0.04	0.05	0.04	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 01, 2019	0.18	0.21	0.18	100.0%
18840520	180	470	MOORE	13132050	4	Jul 01, 2019	0.16	0.18	0.16	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 01, 2019	0.02	0.02	0.02	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 01, 2019	0.50	0.57	0.50	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.80	0.91	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 01, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 01, 2019	0.40	0.40	0.40	100.0%
18840601	263	395	MOORE	13132050	4	Jul 01, 2019	0.08	0.09	0.08	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 01, 2019	0.08	0.09	0.08	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 01, 2019	1.20	1.37	1.20	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 01, 2019	0.01	0.01	0.01	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 01, 2019	1.28	1.46	1.28	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 01, 2019	0.09	0.10	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 01, 2019	0.54	0.62	0.54	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 01, 2019	0.16	0.18	0.16	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 01, 2019	0.20	0.20	0.20	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 01, 2019	0.73	0.73	0.73	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 01, 2019	0.80	0.80	0.80	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 01, 2019	0.40	0.40	0.40	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 01, 2019	0.27	0.27	0.27	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 01, 2019	0.20	0.20	0.20	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 01, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 01, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 01, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 01, 2019	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 01, 2019	1.20	1.37	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 01, 2019	1.20	1.37	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jul 01, 2019	0.54	0.62	0.54	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 01, 2019	0.80	0.91	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 01, 2019	0.80	0.91	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jul 01, 2019	0.80	0.91	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 01, 2019	0.09	0.10	0.09	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 01, 2019	0.40	0.46	0.40	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 01, 2019	0.58	0.66	0.58	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 01, 2019	0.20	0.23	0.20	100.0%
18840831	533	421	MOORE	13132050	4	Jul 01, 2019	0.14	0.16	0.14	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.40	0.46	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.50	0.57	0.50	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.44	0.50	0.44	100.0%
18840831	2431	1799	EASTSIDE FIELD H	13132061	4	Jul 01, 2019	0.13	0.15	0.13	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 01, 2019	1.31	1.50	1.31	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.40	0.46	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 01, 2019	3.20	3.65	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 01, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 01, 2019	0.03	0.03	0.03	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 01, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jul 01, 2019	1.76	2.01	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Jul 01, 2019	0.31	0.35	0.31	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 01, 2019	0.89	1.02	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Jul 01, 2019	0.58	0.66	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 01, 2019	1.25	1.43	1.25	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 01, 2019	3.00	3.00	3.00	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 01, 2019	0.72	0.72	0.72	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 01, 2019	0.74	0.74	0.74	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jul 01, 2019	1.20	1.20	1.20	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 01, 2019	2.77	2.77	2.77	100.0%

18841012	524	11	SWAUGER	13127600	5	Jul 01, 2019	2.78	2.78	2.78	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 01, 2019	1.65	1.65	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 01, 2019	2.00	2.00	2.00	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 01, 2019	0.16	0.16	0.16	100.0%
18850501	423	186	ARCO	13132365	2	Jul 01, 2019	0.26	0.30	0.23	87.6%
18850501	468	59	ARCO	13132365	2	Jul 01, 2019	0.74	0.84	0.65	87.6%
18850501	426	887	ARCO	13132365	2	Jul 01, 2019	0.64	0.73	0.56	87.6%
18850501	423	87	ARCO	13132365	2	Jul 01, 2019	0.20	0.23	0.18	87.6%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 01, 2019	0.24	0.27	0.24	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 01, 2019	0.20	0.23	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 01, 2019	1.80	2.05	1.80	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 01, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.20	0.23	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	1.30	1.48	1.30	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.20	0.23	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jul 01, 2019	0.48	0.55	0.48	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 01, 2019	0.30	0.34	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 01, 2019	0.56	0.64	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 01, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 01, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 01, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 01, 2019	0.01	0.01	0.01	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 01, 2019	1.56	1.78	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	2.80	3.20	2.80	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 01, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 01, 2019	0.59	0.67	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 01, 2019	1.20	1.37	1.20	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 01, 2019	1.40	1.40	1.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 01, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jul 01, 2019	1.10	1.10	1.10	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jul 01, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 01, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 01, 2019	1.54	1.54	1.54	100.0%
18851002	437	62	ARCO	13132365	2	Jul 01, 2019	1.54	1.76	1.35	87.6%
18851002	356	82	ARCO	13132365	2	Jul 01, 2019	0.50	0.57	0.44	87.6%
18851002	356	42	ARCO	13132365	2	Jul 01, 2019	4.50	5.14	3.94	87.6%
18851002	468	61	ARCO	13132365	2	Jul 01, 2019	3.60	4.11	3.15	87.6%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 01, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 01, 2019	1.60	1.83	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jul 01, 2019	1.20	1.37	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 01, 2019	2.80	3.20	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 01, 2019	2.56	2.92	2.56	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 01, 2019	0.18	0.21	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 01, 2019	0.01	0.01	0.01	100.0%
18860512	263	398	MOORE	13132050	4	Jul 01, 2019	0.18	0.21	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	1.61	1.84	1.61	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 01, 2019	2.40	2.74	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 01, 2019	0.20	0.23	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 01, 2019	0.08	0.09	0.08	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	1.24	1.42	1.24	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	1.60	1.83	1.60	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	1.00	1.14	1.00	100.0%
18860601	357	1288	BURNETT	13127750	5	Jul 01, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 01, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jul 01, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	1.00	1.14	1.00	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.10	0.11	0.10	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 01, 2019	0.60	0.60	0.60	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 01, 2019	0.52	0.52	0.52	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 01, 2019	0.80	0.80	0.80	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 01, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jul 01, 2019	0.84	0.96	0.74	87.6%
18860901	605	955	Stoecklein 1	13124173	8	Jul 01, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 01, 2019	0.34	0.34	0.34	100.0%

18860914	490	1795	BURNETT	13127750	5	Jul 01, 2019	1.26	1.26	1.26	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 01, 2019	1.60	1.83	1.60	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 01, 2019	3.20	3.65	3.20	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 01, 2019	0.80	0.91	0.80	100.0%
18870313	459	338	MOORE	13132050	4	Jul 01, 2019	0.42	0.48	0.42	100.0%
18870313	70	337	MOORE	13132050	4	Jul 01, 2019	0.23	0.26	0.23	100.0%
18870313	459	682	MOORE	13132050	4	Jul 01, 2019	0.65	0.74	0.65	100.0%
18870313	433	683	MOORE	13132050	4	Jul 01, 2019	0.13	0.15	0.13	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 01, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 01, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 01, 2019	2.54	2.90	2.23	87.6%
18870601	423	76	ARCO	13132365	2	Jul 01, 2019	0.22	0.25	0.19	87.6%
18870601	423	1028	ARCO	13132365	2	Jul 01, 2019	1.80	2.05	1.58	87.6%
18870601	90	1199	MUNSEY	13132375	2	Jul 01, 2019	0.50	0.57	0.44	87.6%
18870601	19	892	MUNSEY	13132375	2	Jul 01, 2019	0.80	0.91	0.70	87.6%
18870601	305	1351	3IN1	13130605	4	Jul 01, 2019	1.00	1.14	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 01, 2019	2.40	2.74	2.40	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 01, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 01, 2019	0.35	0.35	0.35	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 01, 2019	0.16	0.16	0.16	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 01, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 01, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 01, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jul 01, 2019	0.94	0.94	0.94	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jul 01, 2019	1.46	1.46	1.46	100.0%
18870630	236	1428	BECK	13130525	4	Jul 01, 2019	0.36	0.41	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 01, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jul 01, 2019	1.32	1.51	1.16	87.6%
18870801	119	1166	BURNETT	13127750	5	Jul 01, 2019	0.27	0.27	0.27	100.0%
18870831	119	1154	BURNETT	13127750	5	Jul 01, 2019	0.20	0.20	0.20	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 01, 2019	0.54	0.54	0.54	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 01, 2019	0.43	0.43	0.43	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 01, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 01, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jul 01, 2019	0.33	0.38	0.29	87.6%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.90	1.03	0.90	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 01, 2019	0.76	0.76	0.76	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 01, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jul 01, 2019	0.23	0.23	0.23	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jul 01, 2019	0.37	0.37	0.37	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 01, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 01, 2019	0.40	0.46	0.35	87.6%
18880801	279	2125	Anderson	13120745	9	Jul 01, 2019	0.81	0.81	0.81	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 01, 2019	0.64	0.64	0.64	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 01, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 01, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 01, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	KENT	13120605	9	Jul 01, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 01, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 01, 2019	0.83	0.83	0.83	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 01, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 01, 2019	0.18	0.21	0.18	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 01, 2019	0.50	0.57	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jul 01, 2019	0.97	1.11	0.97	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 01, 2019	2.70	2.70	2.70	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 01, 2019	0.70	0.70	0.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 01, 2019	1.20	1.20	1.20	100.0%
18900601	426	756	ARCO	13132365	2	Jul 01, 2019	0.57	0.65	0.50	87.6%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 01, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 01, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 01, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 01, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 01, 2019	0.24	0.24	0.24	100.0%
18910630	205	2065	BECK	13130525	4	Jul 01, 2019	0.65	0.74	0.65	100.0%

18910630	414	1849	MOORE	13132050	4	Jul 01, 2019	0.60	0.68	0.60	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 01, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 01, 2019	0.20	0.23	0.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 01, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 01, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 01, 2019	0.30	0.34	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jul 01, 2019	0.22	0.25	0.22	100.0%
18930201	158	538	MOORE	13132050	4	Jul 01, 2019	0.03	0.03	0.03	100.0%
18930201	414	1865	MOORE	13132050	4	Jul 01, 2019	0.30	0.34	0.30	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 01, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 01, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	KENT	13120605	9	Jul 01, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	KENT	13120605	9	Jul 01, 2019	0.03	0.03	0.03	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 01, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 01, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 01, 2019	0.58	0.58	0.58	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 01, 2019	0.96	0.96	0.96	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 01, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 01, 2019	0.44	0.44	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	Jul 01, 2019	0.40	0.40	0.40	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 01, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 01, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 01, 2019	3.20	3.65	2.80	87.6%
18940601	158	536	MOORE	13132050	4	Jul 01, 2019	0.02	0.02	0.02	100.0%
18940601	417	379	MOORE	13132050	4	Jul 01, 2019	0.15	0.17	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	2.02	2.31	2.02	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 01, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jul 01, 2019	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 01, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 01, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 01, 2019	0.80	0.91	0.80	100.0%
18950601	242	212	MOORE	13132050	4	Jul 01, 2019	0.11	0.13	0.11	100.0%
18950601	417	378	MOORE	13132050	4	Jul 01, 2019	0.10	0.11	0.10	100.0%
18950601	158	534	MOORE	13132050	4	Jul 01, 2019	0.01	0.01	0.01	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.40	0.46	0.40	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 01, 2019	0.30	0.30	0.30	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 01, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 01, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jul 01, 2019	1.74	1.99	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 01, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jul 01, 2019	0.25	0.29	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jul 01, 2019	0.25	0.29	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 01, 2019	2.50	2.50	2.50	100.0%
18960601	417	381	MOORE	13132050	4	Jul 01, 2019	2.40	2.74	2.40	100.0%
18960601	417	992	MOORE	13132050	4	Jul 01, 2019	1.20	1.37	1.20	100.0%
18960601	459	993	MOORE	13132050	4	Jul 01, 2019	0.40	0.46	0.40	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 01, 2019	0.48	0.55	0.48	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 01, 2019	0.23	0.26	0.23	100.0%
18960601	158	540	MOORE	13132050	4	Jul 01, 2019	0.32	0.37	0.32	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 01, 2019	0.02	0.02	0.02	100.0%
18960601	263	399	MOORE	13132050	4	Jul 01, 2019	0.27	0.31	0.27	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 01, 2019	2.12	2.42	2.12	100.0%
18960601	263	397	MOORE	13132050	4	Jul 01, 2019	0.35	0.40	0.35	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 01, 2019	1.56	1.78	1.56	100.0%
18960601	441	207	MOORE	13132050	4	Jul 01, 2019	0.99	1.13	0.99	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 01, 2019	0.03	0.03	0.03	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 01, 2019	0.60	0.68	0.60	100.0%
18960601	309	877	MOORE	13132050	4	Jul 01, 2019	0.07	0.08	0.07	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 01, 2019	0.44	0.50	0.44	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 01, 2019	0.40	0.46	0.40	100.0%
18960601	402	876	MOORE	13132050	4	Jul 01, 2019	0.07	0.08	0.07	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 01, 2019	0.40	0.46	0.40	100.0%
18960601	533	424	MOORE	13132050	4	Jul 01, 2019	0.06	0.07	0.06	100.0%
18960601	2431	1831	EASTSIDE FIELD H	13132061	4	Jul 01, 2019	0.85	0.97	0.85	100.0%

18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 01, 2019	0.41	0.47	0.41	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jul 01, 2019	0.40	0.46	0.40	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.04	0.04	0.04	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 01, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 01, 2019	2.00	2.28	1.84	91.9%
18960901	437	671	ARCO	13132365	2	Jul 01, 2019	0.13	0.15	0.13	100.0%
18960928	90	46	MUNSEY	13132375	2	Jul 01, 2019	1.00	1.14	1.00	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 01, 2019	0.03	0.03	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 01, 2019	1.97	2.25	1.97	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 01, 2019	4.40	5.02	4.40	100.0%
18960928	15	80	MUNSEY	13132375	2	Jul 01, 2019	2.33	2.66	2.33	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 01, 2019	0.51	0.58	0.51	100.0%
18970510	437	664	ARCO	13132365	2	Jul 01, 2019	1.74	1.99	1.74	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 01, 2019	1.15	1.15	1.15	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 01, 2019	2.00	2.00	2.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 01, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jul 01, 2019	0.16	0.18	0.16	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 01, 2019	0.70	0.70	0.70	100.0%
18970615	306	1697	MOORE	13132050	4	Jul 01, 2019	0.02	0.02	0.02	100.0%
18970615	242	214	MOORE	13132050	4	Jul 01, 2019	0.22	0.25	0.22	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 01, 2019	0.13	0.15	0.13	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 01, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jul 01, 2019	1.20	1.20	1.20	100.0%
18980601	437	1310	ARCO	13132365	2	Jul 01, 2019	1.60	1.83	1.60	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.65	0.74	0.65	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.65	0.74	0.65	100.0%
18980901	268	562	ARCO	13132365	2	Jul 01, 2019	1.57	1.79	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jul 01, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jul 01, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	1.00	1.14	1.00	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 01, 2019	0.21	0.24	0.21	100.0%
18990327	113	584	MOORE	13132050	4	Jul 01, 2019	0.03	0.03	0.03	100.0%
18990327	180	468	MOORE	13132050	4	Jul 01, 2019	0.05	0.06	0.05	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 01, 2019	0.01	0.01	0.01	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 01, 2019	0.53	0.60	0.53	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 01, 2019	0.60	0.68	0.60	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jul 01, 2019	2.72	3.10	2.72	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 01, 2019	0.03	0.03	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 01, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 01, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 01, 2019	0.57	0.57	0.57	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 01, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 01, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 01, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 01, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.20	0.23	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jul 01, 2019	0.15	0.17	0.15	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 01, 2019	3.20	3.20	3.20	100.0%
19010901	459	684	MOORE	13132050	4	Jul 01, 2019	0.35	0.40	0.35	100.0%
19010901	70	339	MOORE	13132050	4	Jul 01, 2019	0.12	0.14	0.12	100.0%
19010901	459	340	MOORE	13132050	4	Jul 01, 2019	0.23	0.26	0.23	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 01, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jul 01, 2019	0.12	0.14	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jul 01, 2019	1.31	1.50	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 01, 2019	2.60	2.60	2.60	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.20	0.23	0.20	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.20	0.23	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 01, 2019	0.31	0.35	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.20	0.23	0.20	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 01, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 01, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 01, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 01, 2019	3.20	3.20	3.20	100.0%

19020301	307	676	CHILLY	13121105	9	Jul 01, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 01, 2019	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 01, 2019	1.40	1.40	1.40	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 01, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 01, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 01, 2019	2.70	3.08	2.70	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 01, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 01, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 01, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 01, 2019	1.35	1.35	1.35	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 01, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 01, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 01, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 01, 2019	0.49	0.49	0.49	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jul 01, 2019	1.40	1.40	1.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 01, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jul 01, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 01, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 01, 2019	1.56	1.78	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jul 01, 2019	0.42	0.42	0.42	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jul 01, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 01, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jul 01, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 01, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 01, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 01, 2019	0.13	0.13	0.13	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 01, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	KENT	13120605	9	Jul 01, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	KENT	13120605	9	Jul 01, 2019	0.45	0.45	0.45	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jul 01, 2019	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jul 01, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 01, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 01, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	BITTON	13120735	9	Jul 01, 2019	0.02	0.02	0.02	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 01, 2019	0.34	0.34	0.34	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 01, 2019	0.27	0.27	0.27	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 01, 2019	3.00	3.00	3.00	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jul 01, 2019	0.27	0.27	0.27	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 01, 2019	0.10	0.10	0.10	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 01, 2019	0.40	0.40	0.40	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 01, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 01, 2019	0.65	0.65	0.65	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 01, 2019	0.30	0.30	0.30	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 01, 2019	1.30	1.30	1.30	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 01, 2019	0.06	0.06	0.06	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 01, 2019	0.20	0.20	0.20	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 01, 2019	0.07	0.07	0.07	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 01, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 01, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jul 01, 2019	0.19	0.22	0.19	100.0%
19061001	2431	1855	EASTSIDE FIELD H	13132061	4	Jul 01, 2019	0.02	0.02	0.02	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 01, 2019	0.42	0.42	0.42	99.5%
19070711	59	2146	KENT	13120605	9	Jul 01, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	Jul 01, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	KENT	13120605	9	Jul 01, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	BITTON	13120735	9	Jul 01, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	BITTON	13120735	9	Jul 01, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jul 01, 2019	0.53	0.53	0.53	100.0%
19080709	475	1098	BURNETT	13127750	5	Jul 01, 2019	1.96	1.96	1.96	100.0%
19081207	70	343	MOORE	13132050	4	Jul 01, 2019	0.17	0.19	0.17	100.0%
19081207	459	1080	MOORE	13132050	4	Jul 01, 2019	0.50	0.57	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jul 01, 2019	0.33	0.38	0.33	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jul 01, 2019	1.82	1.82	1.82	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 01, 2019	0.04	0.04	0.04	100.0%

19100501	2610	2003	Donahue 1	13122230	8	Jul 01, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jul 01, 2019	2.40	2.40	2.40	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 01, 2019	0.75	0.75	0.75	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 01, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 01, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 01, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 01, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 01, 2019	0.30	0.30	0.30	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 01, 2019	1.30	1.30	1.30	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.13	0.15	0.13	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jul 01, 2019	0.02	0.02	0.02	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 01, 2019	1.60	1.60	1.60	100.0%
19140103	59	1361	KENT	13120605	9	Jul 01, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	KENT	13120605	9	Jul 01, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	BITTON	13120735	9	Jul 01, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 01, 2019	0.69	0.69	0.69	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 01, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 01, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 01, 2019	0.80	0.80	0.80	100.0%
19150504	373	434	CHILLY	13121105	9	Jul 01, 2019	0.22	0.22	0.22	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 01, 2019	0.12	0.12	0.12	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 01, 2019	0.10	0.10	0.10	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jul 01, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 01, 2019	0.90	0.90	0.90	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 01, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 01, 2019	0.85	0.85	0.85	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 01, 2019	0.68	0.68	0.68	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jul 01, 2019	0.67	0.67	0.67	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 01, 2019	0.16	0.16	0.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 01, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jul 01, 2019	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	Jul 01, 2019	0.79	0.90	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	Jul 01, 2019	0.01	0.01	0.01	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jul 01, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jul 01, 2019	0.50	0.57	0.50	100.0%
19440508	437	737	ARCO	13132365	2	Jul 01, 2019	0.18	0.21	0.18	100.0%
19600501	90	175	MOORE	13132050	4	Jul 01, 2019	0.44	0.50	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jul 01, 2019	0.11	0.13	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jul 01, 2019	4.90	5.59	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jul 01, 2019	0.02	0.02	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jul 01, 2019	4.40	5.02	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 01, 2019	16.00	18.26	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jul 01, 2019	1.34	1.53	1.34	100.0%
19810501	566	1684	MOORE	13132050	4	Jul 01, 2019	0.82	0.93	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jul 01, 2019	8.06	9.20	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jul 01, 2019	43.06	49.14	43.06	100.0%
19950411	476	1273	ARCO	13132365	2	Jul 01, 2019	15.02	17.14	15.02	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jul 01, 2019	8.56	9.77	8.56	100.0%
19950411	476	1273	BECK	13130525	4	Jul 01, 2019	3.00	3.42	3.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jul 01, 2019	4.66	4.66	4.66	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jul 01, 2019	36.72	36.72	36.72	100.0%
19950411	476	1273	BURNETT	13127750	5	Jul 01, 2019	43.58	43.58	43.58	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jul 01, 2019	16.00	16.00	16.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jul 01, 2019	5.10	5.10	5.10	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jul 01, 2019	3.27	3.27	3.27	100.0%
19950411	476	1273	CHILLY	13121105	9	Jul 01, 2019	5.60	5.60	5.60	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jul 01, 2019	9969.40	9969.40	359.07	3.6%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 2, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 2	979.0	4.0	0.0	983.0	0.00	983.0	4.0	0.0	0.0	979.0	0.0	0.0
9	Howell to Chilly	Jul 2	767.0	115.6	0.0	-96.4	0.10	886.6	111.0	4.6	0.0	771.6	-4.6	0.0
8	Chilly to Reservoir	* Jul 2	833.4	69.4	0.0	135.8	0.00	1022.4	63.7	5.7	0.0	843.7	-10.4	0.0
	Connected													
7	Mackay Reservoir	* Jul 2	844.0	0.0	0.0	0.0	0.00	1024.1	352.7		0.0	491.0	353.0	0.0
6	Reservoir to 2B	Jul 2	832.0	12.0	0.0	0.0	0.00	1022.4	11.9	0.1	0.0	479.1	352.9	0.0
5	2B to Leslie	Jul 2	656.0	177.7	0.0	1.7	0.00	1024.1	167.1	10.5	0.0	313.7	342.3	0.0
4	Leslie to Moore	Jul 2	257.8	287.8	0.0	-110.4	0.17	1024.1	180.4	107.4	0.0	80.4	177.3	0.0
2	Moore to blw Munsey	Jul 2	161.0	101.0	0.0	4.2	0.00	1028.3	84.7	16.3	0.0	0.0	161.0	0.0
1	Blw Munsey to Arco	Jul 2	152.0	0.0	0.0	-9.0	0.06	1028.3	0.0	0.0	0.0	0.0	152.0	0.0
								TOTAL	975.5	144.6	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 2	0.0	0.0		20180101	3%
9	Howell to Chilly	Jul 2	0.0	0.0		20180101	3%
8	Chilly to Reservoir	Jul 2	0.0	0.0		20180101	3%
	Connected						
7	Mackay Reservoir	Jul 2	0.0	0.0		20180101	3%
6	Reservoir to 2B	Jul 2	0.0	0.0		20180101	3%
5	2B to Leslie	Jul 2	0.0	0.0		20180101	3%
4	Leslie to Moore	Jul 2	52.8	57.6		20180101	3%
2	Moore to blw Munsey	Jul 2	0.0	0.0		20180101	3%
1	Blw Munsey to Arco	Jul 2	0.0	9.0		20180101	3%
		TOTAL	52.8	66.6	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	399.9
2	18810630	1.7	294.0	212.4
3	18880601	3.2	556.5	399.9
4	18960601	6.4	1113.0	799.7
5	19020301	0.8	140.0	100.0
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	65616.4
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	111379.3

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44500.0	44450.0	-50.0	-25.2	14.6

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	67528.3
Total Storage Loss	-37385.4
Total Storage Deliver	-13636.4
Total Evaporation	-928.0
Accounting Balance	44448.5
Current Res Content	44450.0
Storage Balance Error	-1.5

DAILY STORAGE BALANCE

44500.0	Reservoir Content Previous Day [ac-ft]
44450.0	Reservoir Content Current Day [ac-ft]
-50.0	Physical Change in Storage [ac-ft]
699.5	Storage Allocated to Mackay Reservoir [ac-ft]
-433.6	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-57.6	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
-9.0	blw Munsey to Arco Gage [cfs]
-152.0	Past Arco Gage [cfs]
-286.9	Storage Delivered [ac-ft]
10.3	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
10.5	2B to Leslie [cfs]
107.4	Leslie to Moore [cfs]
16.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-28.9	Evaporation [ac-ft]
-49.9	Accounting Change in Storage [ac-ft]
0.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

833.4	Gain in/above Mackay Reservoir [cfs]
1.7	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
4.2	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
839.3	Total Available Natural Flow [cfs]
352.7	Reservoir Rights Diverted [cfs]
52.8	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
52.8	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
433.8	Natural Flow Delivered [cfs]
-10.3	Above Reservoir Storage Use [cfs]
11.9	Reservoir to 2B [cfs]
167.1	2B to Leslie [cfs]
180.4	Leslie to Moore [cfs]
84.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
839.3	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.8	440
Eastside Felton Wier +	77.7	3885
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	86.5	4325
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.2	60
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.7	135
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	115.4	5769
Island Babcock Delivery +	0.9	45
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	57.0	2850
Total Out	180.0	8999

Abbreviated Reach Delivery Factor 2.08
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 364.7%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 57.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 15.6 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 83.3%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 18.8 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 113.2 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 249.0%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 303.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 2, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.5	0.0	0.2	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.6	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	12.0	0.1	17.0
9	BITTON	5.5	0.0	0.2	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	5.0	0.0	47.2	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	18.9	0.0	263.1
9	Thalman Hunter D	4.0	0.0	39.2	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	51.1	0.0	723.8
9	NEILSEN	42.9	4.6	402.6	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	91.7	10.5	1240.1
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	41.0	0.0	0.0	8	Broken River Pum	6.0	0.0	11.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	5.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	17.0	8.0	514.6
8	Mtn. Springs 3	5.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	5.0	5.0	353.1
8	Donahue 1	0.8	0.7	96.5	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	6.1
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	214.2
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	9.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	134.6	11.0	2637.5
8	Mtn. Springs 1	5.0	5.0	434.2	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	113.2	84.1	6327.4
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	42.0	11.9	798.2
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	59.0	7.2	275.3
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	4.0	420.5	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 02, 2019	2.03	2.03	2.03	100.0%
18750601	483	12	LONGHURST	13121505	9	Jul 02, 2019	3.17	3.17	3.17	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 02, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 02, 2019	0.59	0.59	0.59	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 02, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 02, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 02, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 02, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 02, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 02, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 02, 2019	1.20	1.20	1.20	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 02, 2019	1.54	1.85	1.54	100.0%
18830601	221	855	MOORE	13132050	4	Jul 02, 2019	1.60	1.92	1.60	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 02, 2019	0.27	0.33	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 02, 2019	0.79	0.95	0.79	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 02, 2019	1.13	1.36	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 02, 2019	1.72	2.07	1.72	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 02, 2019	0.18	0.22	0.18	100.0%
18830810	263	393	MOORE	13132050	4	Jul 02, 2019	0.18	0.22	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 02, 2019	0.01	0.01	0.01	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.43	0.52	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.21	0.25	0.21	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.21	0.25	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 02, 2019	1.64	1.97	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 02, 2019	0.14	0.17	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 02, 2019	0.07	0.07	0.07	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 02, 2019	1.12	1.12	1.12	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 02, 2019	1.63	1.63	1.63	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 02, 2019	1.44	1.44	1.44	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 02, 2019	0.60	0.60	0.60	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 02, 2019	0.20	0.20	0.20	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 02, 2019	0.55	0.55	0.55	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 02, 2019	0.14	0.14	0.14	100.0%
18840422	492	1291	DARLINGTON	13127735	5	Jul 02, 2019	0.10	0.10	0.10	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 02, 2019	2.17	2.17	2.17	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 02, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 02, 2019	0.79	0.79	0.79	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 02, 2019	1.92	1.92	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 02, 2019	2.00	2.00	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 02, 2019	0.50	0.50	0.50	100.0%
18840422	284	228	SHARP	13126500	6	Jul 02, 2019	0.13	0.13	0.13	100.0%
18840422	347	938	SHARP	13126500	6	Jul 02, 2019	4.00	4.00	4.00	100.0%
18840422	24	120	SHARP	13126500	6	Jul 02, 2019	0.08	0.08	0.08	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 02, 2019	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 02, 2019	0.64	0.64	0.64	100.0%
18840423	280	1860	SHARP	13126500	6	Jul 02, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jul 02, 2019	1.00	1.20	1.00	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 02, 2019	0.40	0.40	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 02, 2019	0.37	0.37	0.37	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 02, 2019	1.23	1.23	1.23	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 02, 2019	0.80	0.80	0.80	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 02, 2019	0.40	0.40	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 02, 2019	1.00	1.00	1.00	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 02, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 02, 2019	0.22	0.22	0.22	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 02, 2019	1.60	1.92	1.60	100.0%
18840520	242	210	MOORE	13132050	4	Jul 02, 2019	0.21	0.25	0.21	100.0%
18840520	263	394	MOORE	13132050	4	Jul 02, 2019	0.22	0.26	0.22	100.0%
18840520	180	470	MOORE	13132050	4	Jul 02, 2019	0.16	0.19	0.16	100.0%

18840520	187	1871	MOORE	13132050	4	Jul 02, 2019	0.18	0.22	0.18	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 02, 2019	0.01	0.01	0.01	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 02, 2019	0.04	0.05	0.04	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 02, 2019	0.22	0.26	0.22	100.0%
18840520	113	585	MOORE	13132050	4	Jul 02, 2019	0.11	0.13	0.11	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 02, 2019	0.50	0.60	0.50	100.0%
18840520	427	1	MOORE	13132050	4	Jul 02, 2019	1.12	1.35	1.12	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 02, 2019	0.02	0.02	0.02	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 02, 2019	2.24	2.69	2.24	100.0%
18840520	433	271	MOORE	13132050	4	Jul 02, 2019	0.54	0.65	0.54	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 02, 2019	2.14	2.57	2.14	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 02, 2019	0.01	0.01	0.01	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 02, 2019	0.80	0.96	0.80	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 02, 2019	0.78	0.94	0.78	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.80	0.96	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 02, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 02, 2019	0.50	0.50	0.50	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 02, 2019	0.08	0.10	0.08	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 02, 2019	0.01	0.01	0.01	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 02, 2019	0.54	0.65	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 02, 2019	0.09	0.11	0.09	100.0%
18840601	263	395	MOORE	13132050	4	Jul 02, 2019	0.08	0.10	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 02, 2019	1.28	1.54	1.28	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 02, 2019	1.20	1.44	1.20	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 02, 2019	0.16	0.19	0.16	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 02, 2019	0.20	0.20	0.20	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 02, 2019	0.80	0.80	0.80	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 02, 2019	0.40	0.40	0.40	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 02, 2019	0.20	0.20	0.20	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 02, 2019	0.73	0.73	0.73	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 02, 2019	0.27	0.27	0.27	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 02, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 02, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 02, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 02, 2019	0.40	0.40	0.40	100.0%
18840715	459	798	MOORE	13132050	4	Jul 02, 2019	0.80	0.96	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 02, 2019	1.20	1.44	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jul 02, 2019	0.54	0.65	0.54	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 02, 2019	0.80	0.96	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 02, 2019	1.20	1.44	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 02, 2019	0.80	0.96	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 02, 2019	0.40	0.48	0.40	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 02, 2019	0.09	0.11	0.09	100.0%
18840831	533	421	MOORE	13132050	4	Jul 02, 2019	0.14	0.17	0.14	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 02, 2019	0.20	0.24	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 02, 2019	0.58	0.70	0.58	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.50	0.60	0.50	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 02, 2019	1.31	1.58	1.31	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.40	0.48	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.44	0.53	0.44	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.40	0.48	0.40	100.0%
18840831	2431	1799	EASTSIDE FIELD H	13132061	4	Jul 02, 2019	0.13	0.16	0.13	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 02, 2019	3.20	3.85	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 02, 2019	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 02, 2019	0.40	0.40	0.40	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 02, 2019	0.03	0.03	0.03	100.0%
18841012	205	2067	BECK	13130525	4	Jul 02, 2019	1.76	2.12	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Jul 02, 2019	0.58	0.70	0.58	100.0%
18841012	70	341	MOORE	13132050	4	Jul 02, 2019	0.31	0.37	0.31	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 02, 2019	0.89	1.07	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 02, 2019	1.25	1.50	1.25	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jul 02, 2019	1.20	1.20	1.20	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 02, 2019	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 02, 2019	0.74	0.74	0.74	100.0%

18841012	524	11	SWAUGER	13127600	5	Jul 02, 2019	2.78	2.78	2.78	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 02, 2019	3.00	3.00	3.00	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 02, 2019	0.72	0.72	0.72	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 02, 2019	2.00	2.00	2.00	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 02, 2019	0.56	0.56	0.56	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jul 02, 2019	0.23	0.23	0.23	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 02, 2019	1.65	1.65	1.65	100.0%
18850501	468	59	ARCO	13132365	2	Jul 02, 2019	0.74	0.89	0.62	83.2%
18850501	423	186	ARCO	13132365	2	Jul 02, 2019	0.26	0.31	0.22	83.2%
18850501	423	87	ARCO	13132365	2	Jul 02, 2019	0.20	0.24	0.17	83.2%
18850501	426	887	ARCO	13132365	2	Jul 02, 2019	0.64	0.77	0.53	83.2%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 02, 2019	0.20	0.24	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 02, 2019	1.80	2.16	1.80	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 02, 2019	0.24	0.29	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 02, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.20	0.24	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.20	0.24	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	1.30	1.56	1.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jul 02, 2019	0.48	0.58	0.48	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 02, 2019	0.30	0.36	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 02, 2019	0.56	0.67	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 02, 2019	0.19	0.19	0.19	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 02, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 02, 2019	0.11	0.11	0.11	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 02, 2019	1.37	1.37	1.37	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 02, 2019	1.56	1.87	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	2.80	3.37	2.80	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 02, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 02, 2019	0.59	0.71	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 02, 2019	1.20	1.44	1.20	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 02, 2019	1.40	1.40	1.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 02, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jul 02, 2019	1.10	1.10	1.10	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jul 02, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 02, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 02, 2019	1.54	1.54	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jul 02, 2019	3.60	4.33	1.20	33.4%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 02, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 02, 2019	1.60	1.92	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 02, 2019	2.80	3.37	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jul 02, 2019	1.20	1.44	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 02, 2019	2.56	3.08	2.56	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 02, 2019	0.01	0.01	0.01	100.0%
18860512	263	398	MOORE	13132050	4	Jul 02, 2019	0.18	0.22	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 02, 2019	0.18	0.22	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	1.61	1.94	1.61	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 02, 2019	2.40	2.89	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 02, 2019	0.20	0.24	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 02, 2019	0.08	0.10	0.08	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	1.60	1.92	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	1.24	1.49	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	1.00	1.20	1.00	100.0%
18860601	357	1288	BURNETT	13127750	5	Jul 02, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 02, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jul 02, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	1.00	1.20	1.00	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.10	0.12	0.10	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 02, 2019	0.60	0.60	0.60	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 02, 2019	0.52	0.52	0.52	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 02, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 02, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jul 02, 2019	0.84	1.01	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 02, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 02, 2019	0.34	0.34	0.34	100.0%

18860914	490	1795	BURNETT	13127750	5	Jul 02, 2019	1.26	1.26	1.26	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 02, 2019	1.60	1.92	1.60	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 02, 2019	3.20	3.85	3.20	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 02, 2019	0.80	0.96	0.80	100.0%
18870313	459	682	MOORE	13132050	4	Jul 02, 2019	0.65	0.78	0.65	100.0%
18870313	433	683	MOORE	13132050	4	Jul 02, 2019	0.13	0.16	0.13	100.0%
18870313	459	338	MOORE	13132050	4	Jul 02, 2019	0.42	0.50	0.42	100.0%
18870313	70	337	MOORE	13132050	4	Jul 02, 2019	0.23	0.28	0.23	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 02, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 02, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 02, 2019	3.20	3.85	3.20	100.0%
18870601	468	893	ARCO	13132365	2	Jul 02, 2019	1.00	1.20	1.00	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 02, 2019	1.80	2.16	1.80	100.0%
18870601	423	76	ARCO	13132365	2	Jul 02, 2019	0.22	0.26	0.22	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jul 02, 2019	0.50	0.60	0.50	100.0%
18870601	19	892	MUNSEY	13132375	2	Jul 02, 2019	0.80	0.96	0.80	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 02, 2019	1.00	1.20	1.00	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 02, 2019	0.16	0.16	0.16	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 02, 2019	0.75	0.75	0.75	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 02, 2019	0.25	0.25	0.25	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 02, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 02, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 02, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jul 02, 2019	0.94	0.94	0.94	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jul 02, 2019	1.46	1.46	1.46	100.0%
18870630	236	1428	BECK	13130525	4	Jul 02, 2019	0.36	0.43	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 02, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jul 02, 2019	0.42	0.50	0.42	100.0%
18870801	119	1166	BURNETT	13127750	5	Jul 02, 2019	0.27	0.27	0.27	100.0%
18870831	119	1154	BURNETT	13127750	5	Jul 02, 2019	0.20	0.20	0.20	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 02, 2019	0.54	0.54	0.54	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 02, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 02, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 02, 2019	0.43	0.43	0.43	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.88	1.06	0.88	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 02, 2019	0.76	0.76	0.76	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 02, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jul 02, 2019	0.23	0.23	0.23	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jul 02, 2019	0.37	0.37	0.37	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 02, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 02, 2019	0.40	0.48	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 02, 2019	0.81	0.81	0.81	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 02, 2019	0.64	0.64	0.64	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 02, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 02, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	KENT	13120605	9	Jul 02, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 02, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 02, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 02, 2019	0.77	0.77	0.77	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 02, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 02, 2019	0.18	0.22	0.18	100.0%
18890601	441	205	MOORE	13132050	4	Jul 02, 2019	0.97	1.17	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 02, 2019	0.50	0.60	0.50	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 02, 2019	2.70	2.70	2.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 02, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 02, 2019	0.70	0.70	0.70	100.0%
18900601	426	756	ARCO	13132365	2	Jul 02, 2019	0.57	0.69	0.57	100.0%
18900601	48	1023	MUNSEY	13132375	2	Jul 02, 2019	2.50	3.01	2.50	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 02, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 02, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 02, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 02, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 02, 2019	1.76	1.76	1.76	100.0%
18910630	205	2065	BECK	13130525	4	Jul 02, 2019	0.65	0.78	0.65	100.0%

18910630	414	1849	MOORE	13132050	4	Jul 02, 2019	0.60	0.72	0.60	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 02, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 02, 2019	0.20	0.24	0.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 02, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 02, 2019	1.45	1.45	1.45	100.0%
18930201	414	1865	MOORE	13132050	4	Jul 02, 2019	0.30	0.36	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jul 02, 2019	0.22	0.26	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 02, 2019	0.30	0.36	0.30	100.0%
18930201	158	538	MOORE	13132050	4	Jul 02, 2019	0.03	0.04	0.03	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 02, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	Jul 02, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	KENT	13120605	9	Jul 02, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 02, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 02, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 02, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 02, 2019	0.03	0.03	0.03	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 02, 2019	0.96	0.96	0.96	100.0%
18940310	357	15	BURNETT	13127750	5	Jul 02, 2019	0.40	0.40	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 02, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 02, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 02, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 02, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 02, 2019	3.20	3.85	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jul 02, 2019	0.15	0.18	0.15	100.0%
18940601	158	536	MOORE	13132050	4	Jul 02, 2019	0.02	0.02	0.02	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	2.02	2.43	2.02	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 02, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jul 02, 2019	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 02, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 02, 2019	3.20	3.20	3.20	100.0%
18950601	158	534	MOORE	13132050	4	Jul 02, 2019	0.01	0.01	0.01	100.0%
18950601	417	378	MOORE	13132050	4	Jul 02, 2019	0.10	0.12	0.10	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 02, 2019	0.80	0.96	0.80	100.0%
18950601	242	212	MOORE	13132050	4	Jul 02, 2019	0.11	0.13	0.11	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.40	0.48	0.40	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 02, 2019	0.30	0.30	0.30	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 02, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 02, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jul 02, 2019	1.74	2.09	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 02, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jul 02, 2019	0.25	0.30	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jul 02, 2019	0.25	0.30	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 02, 2019	2.50	2.50	2.50	100.0%
18960601	402	876	MOORE	13132050	4	Jul 02, 2019	0.07	0.08	0.07	100.0%
18960601	263	397	MOORE	13132050	4	Jul 02, 2019	0.35	0.42	0.35	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 02, 2019	0.40	0.48	0.40	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 02, 2019	0.40	0.48	0.40	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 02, 2019	0.60	0.72	0.60	100.0%
18960601	417	381	MOORE	13132050	4	Jul 02, 2019	2.40	2.89	2.40	100.0%
18960601	533	424	MOORE	13132050	4	Jul 02, 2019	0.06	0.07	0.06	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 02, 2019	2.12	2.55	2.12	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 02, 2019	0.44	0.53	0.44	100.0%
18960601	263	399	MOORE	13132050	4	Jul 02, 2019	0.27	0.32	0.27	100.0%
18960601	459	993	MOORE	13132050	4	Jul 02, 2019	0.40	0.48	0.40	100.0%
18960601	309	877	MOORE	13132050	4	Jul 02, 2019	0.07	0.08	0.07	100.0%
18960601	417	992	MOORE	13132050	4	Jul 02, 2019	1.20	1.44	1.20	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 02, 2019	0.03	0.04	0.03	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 02, 2019	0.02	0.02	0.02	100.0%
18960601	158	540	MOORE	13132050	4	Jul 02, 2019	0.32	0.38	0.32	100.0%
18960601	441	207	MOORE	13132050	4	Jul 02, 2019	0.99	1.19	0.99	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 02, 2019	1.56	1.88	1.56	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 02, 2019	0.48	0.58	0.48	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 02, 2019	0.23	0.28	0.23	100.0%
18960601	2431	1831	EASTSIDE FIELD H	13132061	4	Jul 02, 2019	0.85	1.02	0.85	100.0%

18960601	45	998	LOWER EASTSIDE &	13132291	4	Jul 02, 2019	0.40	0.48	0.40	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.04	0.04	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 02, 2019	0.41	0.49	0.41	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.04	0.04	0.04	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 02, 2019	0.70	0.84	0.70	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 02, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 02, 2019	2.00	2.40	2.00	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 02, 2019	1.97	2.37	1.97	100.0%
18960928	319	1175	MUNSEY	13132375	2	Jul 02, 2019	0.07	0.08	0.07	100.0%
18960928	15	80	MUNSEY	13132375	2	Jul 02, 2019	2.33	2.80	2.33	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 02, 2019	0.51	0.61	0.51	100.0%
18960928	90	46	MUNSEY	13132375	2	Jul 02, 2019	1.00	1.20	1.00	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 02, 2019	0.03	0.04	0.03	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 02, 2019	4.40	5.29	4.40	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 02, 2019	1.96	1.96	1.96	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 02, 2019	0.75	0.75	0.75	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 02, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jul 02, 2019	0.16	0.19	0.16	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 02, 2019	0.70	0.70	0.70	100.0%
18970615	306	1697	MOORE	13132050	4	Jul 02, 2019	0.02	0.02	0.02	100.0%
18970615	242	214	MOORE	13132050	4	Jul 02, 2019	0.22	0.26	0.22	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jul 02, 2019	0.24	0.29	0.24	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 02, 2019	0.13	0.16	0.13	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 02, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jul 02, 2019	1.20	1.20	1.20	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.65	0.78	0.65	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.65	0.78	0.65	100.0%
18980901	268	562	ARCO	13132365	2	Jul 02, 2019	1.57	1.89	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jul 02, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jul 02, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	1.00	1.20	1.00	100.0%
18990327	180	468	MOORE	13132050	4	Jul 02, 2019	0.05	0.06	0.05	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 02, 2019	0.01	0.01	0.01	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 02, 2019	0.53	0.64	0.53	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 02, 2019	0.60	0.72	0.60	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 02, 2019	0.21	0.25	0.21	100.0%
18990327	113	584	MOORE	13132050	4	Jul 02, 2019	0.03	0.04	0.03	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jul 02, 2019	2.72	3.27	2.72	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 02, 2019	0.03	0.04	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 02, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 02, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 02, 2019	0.57	0.57	0.57	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 02, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 02, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 02, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 02, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.20	0.24	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jul 02, 2019	0.15	0.17	0.15	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 02, 2019	3.20	3.20	3.20	100.0%
19010901	319	1512	MUNSEY	13132375	2	Jul 02, 2019	0.33	0.40	0.33	100.0%
19010901	459	684	MOORE	13132050	4	Jul 02, 2019	0.35	0.42	0.35	100.0%
19010901	459	340	MOORE	13132050	4	Jul 02, 2019	0.23	0.28	0.23	100.0%
19010901	70	339	MOORE	13132050	4	Jul 02, 2019	0.12	0.14	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 02, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jul 02, 2019	0.12	0.14	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jul 02, 2019	1.31	1.58	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 02, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.20	0.24	0.20	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.20	0.24	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 02, 2019	0.31	0.37	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.44	0.53	0.44	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 02, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 02, 2019	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 02, 2019	3.20	3.20	3.20	100.0%

19020301	307	676	CHILLY	13121105	9	Jul 02, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 02, 2019	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 02, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 02, 2019	1.40	1.40	1.40	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 02, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 02, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 02, 2019	2.70	3.25	2.70	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 02, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 02, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 02, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 02, 2019	1.35	1.35	1.35	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 02, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 02, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 02, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 02, 2019	1.08	1.08	1.08	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jul 02, 2019	1.40	1.40	1.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 02, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jul 02, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 02, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 02, 2019	1.56	1.88	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jul 02, 2019	0.42	0.42	0.42	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jul 02, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 02, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jul 02, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 02, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 02, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 02, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jul 02, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	KENT	13120605	9	Jul 02, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 02, 2019	0.44	0.44	0.44	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jul 02, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jul 02, 2019	0.62	0.62	0.62	100.0%
19050501	59	784	BITTON	13120735	9	Jul 02, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 02, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 02, 2019	0.45	0.45	0.45	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 02, 2019	0.34	0.34	0.34	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 02, 2019	0.27	0.27	0.27	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 02, 2019	0.06	0.06	0.06	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 02, 2019	0.40	0.40	0.40	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 02, 2019	0.10	0.10	0.10	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 02, 2019	1.30	1.30	1.30	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jul 02, 2019	0.27	0.27	0.27	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 02, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 02, 2019	0.65	0.65	0.65	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 02, 2019	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 02, 2019	0.30	0.30	0.30	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 02, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 02, 2019	0.20	0.20	0.20	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 02, 2019	0.07	0.07	0.07	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 02, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jul 02, 2019	0.19	0.23	0.19	100.0%
19061001	2431	1855	EASTSIDE FIELD H	13132061	4	Jul 02, 2019	0.02	0.02	0.02	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 02, 2019	0.42	0.42	0.42	99.5%
19070711	59	786	KENT	13120605	9	Jul 02, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	KENT	13120605	9	Jul 02, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	KENT	13120605	9	Jul 02, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	BITTON	13120735	9	Jul 02, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	BITTON	13120735	9	Jul 02, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	BITTON	13120735	9	Jul 02, 2019	0.03	0.03	0.03	100.0%
19080709	475	1098	BURNETT	13127750	5	Jul 02, 2019	0.36	0.36	0.36	100.0%
19081207	459	344	MOORE	13132050	4	Jul 02, 2019	0.33	0.40	0.33	100.0%
19081207	70	343	MOORE	13132050	4	Jul 02, 2019	0.17	0.20	0.17	100.0%
19081207	459	1080	MOORE	13132050	4	Jul 02, 2019	0.50	0.60	0.50	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jul 02, 2019	1.82	1.82	1.82	100.0%

19100501	2610	2097	Donahue 1	13122230	8	Jul 02, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 02, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jul 02, 2019	2.40	2.40	2.40	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 02, 2019	0.75	0.75	0.75	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 02, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 02, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 02, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 02, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 02, 2019	1.30	1.30	1.30	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 02, 2019	0.30	0.30	0.30	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.02	0.02	0.02	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jul 02, 2019	0.13	0.16	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 02, 2019	1.60	1.60	1.60	100.0%
19140103	59	1361	KENT	13120605	9	Jul 02, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	KENT	13120605	9	Jul 02, 2019	0.69	0.69	0.69	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 02, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	BITTON	13120735	9	Jul 02, 2019	0.04	0.04	0.04	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 02, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 02, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 02, 2019	0.02	0.02	0.02	100.0%
19150504	373	434	CHILLY	13121105	9	Jul 02, 2019	0.22	0.22	0.22	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 02, 2019	0.12	0.12	0.12	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 02, 2019	0.10	0.10	0.10	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jul 02, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 02, 2019	0.90	0.90	0.90	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 02, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 02, 2019	0.85	0.85	0.85	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 02, 2019	0.68	0.68	0.68	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jul 02, 2019	0.67	0.67	0.67	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 02, 2019	0.16	0.16	0.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 02, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jul 02, 2019	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	Jul 02, 2019	0.01	0.01	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	Jul 02, 2019	0.79	0.95	0.79	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jul 02, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jul 02, 2019	0.50	0.60	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jul 02, 2019	0.44	0.53	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jul 02, 2019	0.11	0.13	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jul 02, 2019	4.90	5.89	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jul 02, 2019	0.02	0.02	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jul 02, 2019	4.40	5.29	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 02, 2019	16.00	19.24	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jul 02, 2019	1.34	1.61	1.34	100.0%
19810501	566	1684	MOORE	13132050	4	Jul 02, 2019	0.82	0.98	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jul 02, 2019	8.06	9.69	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jul 02, 2019	43.06	51.77	43.06	100.0%
19950411	476	1273	ARCO	13132365	2	Jul 02, 2019	17.18	20.66	17.18	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jul 02, 2019	5.66	6.81	5.66	100.0%
19950411	476	1273	BECK	13130525	4	Jul 02, 2019	3.00	3.61	3.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jul 02, 2019	4.56	4.56	4.56	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jul 02, 2019	29.40	29.40	29.40	100.0%
19950411	476	1273	BURNETT	13127750	5	Jul 02, 2019	44.78	44.78	44.78	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jul 02, 2019	16.00	16.00	16.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jul 02, 2019	5.10	5.10	5.10	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jul 02, 2019	3.27	3.27	3.27	100.0%
19950411	476	1273	CHILLY	13121105	9	Jul 02, 2019	5.60	5.60	5.60	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jul 02, 2019	9969.40	9969.40	337.36	3.4%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 3, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 3	927.0	4.0	0.0	931.0	0.00	931.0	4.0	0.0	0.0	927.0	0.0	0.0
9	Howell to Chilly	Jul 3	729.0	115.6	0.0	-82.4	0.09	848.6	111.0	4.6	0.0	733.6	-4.6	0.0
8	Chilly to Reservoir	* Jul 3	850.6	67.4	0.0	189.1	0.00	1037.7	61.7	5.7	0.0	861.0	-10.4	0.0
	Connected													
7	Mackay Reservoir	* Jul 3	873.1	0.0	0.0	0.0	0.00	1085.2	385.0		0.0	476.0	397.1	0.0
6	Reservoir to 2B	Jul 3	860.0	13.1	0.0	0.0	0.00	1037.7	13.0	0.1	0.0	463.0	397.0	0.0
5	2B to Leslie	Jul 3	715.0	192.5	0.0	47.5	0.00	1085.2	178.0	14.5	0.0	332.6	382.4	0.0
4	Leslie to Moore	Jul 3	297.9	292.2	0.0	-124.9	0.17	1085.2	191.5	100.7	0.0	83.0	214.9	0.0
2	Moore to blw Munsey	Jul 3	202.0	101.0	0.0	5.1	0.00	1090.3	88.1	12.9	0.0	0.0	202.0	0.0
1	Blw Munsey to Arco	Jul 3	186.0	0.0	0.0	-16.0	0.08	1090.3	0.0	0.0	0.0	0.0	186.0	0.0
								TOTAL	1032.2	138.5	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 3	0.0	0.0		20180101	4%
9	Howell to Chilly	Jul 3	0.0	0.0		20180101	4%
8	Chilly to Reservoir	Jul 3	0.0	0.0		20180101	4%
	Connected						
7	Mackay Reservoir	Jul 3	0.0	0.0		20180101	4%
6	Reservoir to 2B	Jul 3	0.0	0.0		20180101	4%
5	2B to Leslie	Jul 3	0.0	0.0		20180101	4%
4	Leslie to Moore	Jul 3	58.1	66.8		20180101	4%
2	Moore to blw Munsey	Jul 3	0.0	0.0		20180101	4%
1	Blw Munsey to Arco	Jul 3	0.0	16.0		20180101	4%
		TOTAL	58.1	82.8	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	406.2
2	18810630	1.7	294.0	215.8
3	18880601	3.2	556.5	406.2
4	18960601	6.4	1113.0	812.4
5	19020301	0.8	140.0	101.6
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	66349.7
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	112142.9

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44450.0	44380.0	-70.0	-35.3	12.8

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	68291.9
Total Storage Loss	-37918.6
Total Storage Deliver	-13911.1
Total Evaporation	-953.5
Accounting Balance	44378.7
Current Res Content	44380.0
Storage Balance Error	-1.3

DAILY STORAGE BALANCE

44450.0	Reservoir Content Previous Day [ac-ft]
44380.0	Reservoir Content Current Day [ac-ft]
-70.0	Physical Change in Storage [ac-ft]
763.6	Storage Allocated to Mackay Reservoir [ac-ft]
-533.2	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-66.8	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
-16.0	blw Munsey to Arco Gage [cfs]
-186.0	Past Arco Gage [cfs]
-274.8	Storage Delivered [ac-ft]
10.3	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
14.5	2B to Leslie [cfs]
100.7	Leslie to Moore [cfs]
12.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-25.5	Evaporation [ac-ft]
-69.9	Accounting Change in Storage [ac-ft]
0.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

850.6	Gain in/above Mackay Reservoir [cfs]
47.5	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
5.1	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
903.2	Total Available Natural Flow [cfs]
385.0	Reservoir Rights Diverted [cfs]
58.1	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
58.1	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
460.3	Natural Flow Delivered [cfs]
-10.3	Above Reservoir Storage Use [cfs]
13.0	Reservoir to 2B [cfs]
178.0	2B to Leslie [cfs]
191.5	Leslie to Moore [cfs]
88.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
903.4	Natural Flow Delivered & Lost [cfs]
-0.2	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.9	445
Eastside Felton Wier +	80.5	4025
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	89.4	4470
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.2	60
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.7	135
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	117.4	5869
Island Babcock Delivery +	0.9	45
Island Felton Farms Delivery +	2.0	100
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.5	173
Island Wanstrom David +	0.0	0
Eastside OUT	60.0	3000
Total Out	190.4	9522

Abbreviated Reach Delivery Factor 2.13
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 357.1%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 60.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 16.8 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 84.3%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 19.9 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 116.1 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 245.1%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 301.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 3, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.5	0.0	0.3	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.6	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	13.1	0.1	17.2
9	BITTON	5.5	0.0	0.3	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	5.0	0.0	47.2	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	20.4	0.0	263.1
9	Thalman Hunter D	4.0	0.0	39.2	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	53.1	1.5	726.8
9	NEILSEN	42.9	4.6	411.7	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	103.0	13.0	1265.9
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	41.0	0.0	0.0	8	Broken River Pum	6.0	0.0	11.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	5.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	18.7	8.4	531.3
8	Mtn. Springs 3	5.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	5.0	5.0	363.0
8	Donahue 1	0.8	0.7	97.9	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	6.4
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	218.2
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	134.4	8.3	2654.0
8	Mtn. Springs 1	5.0	5.0	444.1	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	116.1	79.7	6485.5
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	42.0	12.5	823.0
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	59.0	4.0	283.2
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	430.4	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 03, 2019	2.03	2.03	2.03	100.0%
18750601	483	12	LONGHURST	13121505	9	Jul 03, 2019	3.17	3.17	3.17	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 03, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 03, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 03, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 03, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 03, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 03, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 03, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 03, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 03, 2019	1.20	1.20	1.20	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 03, 2019	0.79	0.96	0.79	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 03, 2019	0.27	0.33	0.27	100.0%
18830601	221	855	MOORE	13132050	4	Jul 03, 2019	1.60	1.94	1.60	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 03, 2019	1.54	1.87	1.54	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 03, 2019	1.13	1.37	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 03, 2019	1.72	2.08	1.72	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 03, 2019	0.18	0.22	0.18	100.0%
18830810	263	393	MOORE	13132050	4	Jul 03, 2019	0.18	0.22	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jul 03, 2019	0.48	0.58	0.48	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 03, 2019	0.01	0.01	0.01	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.21	0.26	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.43	0.52	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.21	0.26	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 03, 2019	1.64	1.99	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 03, 2019	0.14	0.17	0.14	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 03, 2019	1.12	1.12	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 03, 2019	0.07	0.07	0.07	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 03, 2019	0.55	0.55	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 03, 2019	1.63	1.63	1.63	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 03, 2019	1.44	1.44	1.44	100.0%
18840422	492	1291	DARLINGTON	13127735	5	Jul 03, 2019	0.10	0.10	0.10	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 03, 2019	0.14	0.14	0.14	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 03, 2019	0.20	0.20	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 03, 2019	0.60	0.60	0.60	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 03, 2019	2.17	2.17	2.17	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 03, 2019	2.00	2.00	2.00	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 03, 2019	0.21	0.21	0.21	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 03, 2019	1.92	1.92	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 03, 2019	0.50	0.50	0.50	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 03, 2019	0.79	0.79	0.79	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 03, 2019	0.12	0.12	0.12	100.0%
18840422	284	228	SHARP	13126500	6	Jul 03, 2019	0.13	0.13	0.13	100.0%
18840422	24	120	SHARP	13126500	6	Jul 03, 2019	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 03, 2019	0.64	0.64	0.64	100.0%
18840422	347	938	SHARP	13126500	6	Jul 03, 2019	4.00	4.00	4.00	100.0%
18840423	280	1860	SHARP	13126500	6	Jul 03, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jul 03, 2019	1.00	1.21	1.00	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 03, 2019	1.23	1.23	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 03, 2019	0.37	0.37	0.37	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 03, 2019	0.80	0.80	0.80	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 03, 2019	0.20	0.20	0.20	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 03, 2019	0.40	0.40	0.40	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 03, 2019	0.40	0.40	0.40	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 03, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 03, 2019	0.22	0.22	0.22	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 03, 2019	0.04	0.05	0.04	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 03, 2019	0.18	0.22	0.18	100.0%
18840520	263	394	MOORE	13132050	4	Jul 03, 2019	0.22	0.27	0.22	100.0%

18840520	187	1872	MOORE	13132050	4	Jul 03, 2019	0.01	0.01	0.01	100.0%
18840520	96	451	MOORE	13132050	4	Jul 03, 2019	0.58	0.70	0.58	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 03, 2019	0.02	0.02	0.02	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 03, 2019	0.01	0.01	0.01	100.0%
18840520	113	585	MOORE	13132050	4	Jul 03, 2019	0.11	0.13	0.11	100.0%
18840520	427	1	MOORE	13132050	4	Jul 03, 2019	1.12	1.36	1.12	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 03, 2019	1.60	1.94	1.60	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 03, 2019	2.24	2.71	2.24	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 03, 2019	0.80	0.97	0.80	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 03, 2019	0.78	0.95	0.78	100.0%
18840520	242	210	MOORE	13132050	4	Jul 03, 2019	0.21	0.25	0.21	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 03, 2019	2.14	2.59	2.14	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 03, 2019	0.22	0.27	0.22	100.0%
18840520	180	470	MOORE	13132050	4	Jul 03, 2019	0.16	0.19	0.16	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 03, 2019	0.50	0.61	0.50	100.0%
18840520	433	271	MOORE	13132050	4	Jul 03, 2019	0.54	0.65	0.54	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.80	0.97	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 03, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 03, 2019	0.50	0.50	0.50	100.0%
18840601	96	453	MOORE	13132050	4	Jul 03, 2019	0.21	0.25	0.21	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 03, 2019	0.08	0.10	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 03, 2019	0.09	0.11	0.09	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 03, 2019	0.01	0.01	0.01	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 03, 2019	1.20	1.45	1.20	100.0%
18840601	263	395	MOORE	13132050	4	Jul 03, 2019	0.08	0.10	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 03, 2019	1.28	1.55	1.28	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 03, 2019	0.54	0.65	0.54	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 03, 2019	0.16	0.19	0.16	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 03, 2019	0.40	0.40	0.40	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 03, 2019	0.27	0.27	0.27	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 03, 2019	0.20	0.20	0.20	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 03, 2019	0.20	0.20	0.20	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 03, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 03, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 03, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 03, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 03, 2019	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 03, 2019	1.20	1.45	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 03, 2019	0.80	0.97	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jul 03, 2019	0.80	0.97	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 03, 2019	1.20	1.45	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jul 03, 2019	0.54	0.65	0.54	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 03, 2019	0.80	0.97	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 03, 2019	0.40	0.48	0.40	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 03, 2019	0.09	0.11	0.09	100.0%
18840831	533	421	MOORE	13132050	4	Jul 03, 2019	0.14	0.17	0.14	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 03, 2019	0.20	0.24	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 03, 2019	0.58	0.70	0.58	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.40	0.48	0.40	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.40	0.48	0.40	100.0%
18840831	2431	1799	EASTSIDE FIELD H	13132061	4	Jul 03, 2019	0.13	0.16	0.13	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 03, 2019	1.31	1.59	1.31	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.44	0.53	0.44	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.50	0.61	0.50	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 03, 2019	3.20	3.88	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 03, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 03, 2019	0.03	0.03	0.03	100.0%
18841012	205	2067	BECK	13130525	4	Jul 03, 2019	1.76	2.13	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 03, 2019	1.25	1.51	1.25	100.0%
18841012	70	341	MOORE	13132050	4	Jul 03, 2019	0.31	0.38	0.31	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 03, 2019	0.89	1.08	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Jul 03, 2019	0.58	0.70	0.58	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 03, 2019	0.72	0.72	0.72	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 03, 2019	2.77	2.77	2.77	100.0%

18841012	524	11	SWAUGER	13127600	5	Jul 03, 2019	2.78	2.78	2.78	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jul 03, 2019	1.20	1.20	1.20	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 03, 2019	0.74	0.74	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 03, 2019	3.00	3.00	3.00	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 03, 2019	0.56	0.56	0.56	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jul 03, 2019	0.23	0.23	0.23	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 03, 2019	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 03, 2019	1.65	1.65	1.65	100.0%
18850501	468	59	ARCO	13132365	2	Jul 03, 2019	0.74	0.90	0.61	82.5%
18850501	423	87	ARCO	13132365	2	Jul 03, 2019	0.20	0.24	0.17	82.5%
18850501	423	186	ARCO	13132365	2	Jul 03, 2019	0.26	0.32	0.21	82.5%
18850501	426	887	ARCO	13132365	2	Jul 03, 2019	0.64	0.78	0.53	82.5%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 03, 2019	0.20	0.24	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 03, 2019	1.80	2.18	1.80	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jul 03, 2019	2.00	2.42	2.00	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 03, 2019	0.24	0.29	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 03, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.20	0.24	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	1.40	1.70	1.40	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.20	0.24	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 03, 2019	0.30	0.36	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jul 03, 2019	0.48	0.58	0.48	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 03, 2019	0.56	0.68	0.56	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 03, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 03, 2019	0.19	0.19	0.19	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 03, 2019	0.11	0.11	0.11	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 03, 2019	1.37	1.37	1.37	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 03, 2019	1.56	1.89	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	2.80	3.39	2.80	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 03, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 03, 2019	0.59	0.71	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 03, 2019	1.20	1.45	1.20	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 03, 2019	1.40	1.40	1.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 03, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jul 03, 2019	1.16	1.16	1.16	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 03, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 03, 2019	1.54	1.54	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jul 03, 2019	3.60	4.36	0.37	10.4%
18851002	437	62	ARCO	13132365	2	Jul 03, 2019	1.54	1.87	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 03, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 03, 2019	1.60	1.94	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jul 03, 2019	1.20	1.45	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 03, 2019	2.80	3.39	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 03, 2019	2.56	3.10	2.56	100.0%
18860512	263	398	MOORE	13132050	4	Jul 03, 2019	0.18	0.22	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 03, 2019	0.18	0.22	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jul 03, 2019	0.48	0.58	0.48	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 03, 2019	0.01	0.01	0.01	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	1.77	2.14	1.77	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 03, 2019	0.20	0.24	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 03, 2019	0.08	0.10	0.08	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 03, 2019	2.40	2.91	2.40	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	1.00	1.21	1.00	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	1.24	1.50	1.24	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	1.60	1.94	1.60	100.0%
18860601	357	1288	BURNETT	13127750	5	Jul 03, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 03, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jul 03, 2019	0.80	0.80	0.80	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.10	0.12	0.10	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	1.00	1.21	1.00	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.80	0.97	0.80	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 03, 2019	0.60	0.60	0.60	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 03, 2019	0.52	0.52	0.52	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 03, 2019	0.80	0.80	0.80	100.0%

18860721	336	294	BURNETT	13127750	5	Jul 03, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jul 03, 2019	0.84	1.02	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 03, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 03, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 03, 2019	1.26	1.26	1.26	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 03, 2019	1.60	1.94	1.60	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 03, 2019	3.20	3.88	3.20	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 03, 2019	0.80	0.97	0.80	100.0%
18870313	459	682	MOORE	13132050	4	Jul 03, 2019	0.65	0.79	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Jul 03, 2019	0.42	0.51	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Jul 03, 2019	0.13	0.16	0.13	100.0%
18870313	70	337	MOORE	13132050	4	Jul 03, 2019	0.23	0.28	0.23	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 03, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 03, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 03, 2019	3.20	3.88	3.20	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 03, 2019	1.80	2.18	1.80	100.0%
18870601	468	893	ARCO	13132365	2	Jul 03, 2019	1.00	1.21	1.00	100.0%
18870601	423	76	ARCO	13132365	2	Jul 03, 2019	0.22	0.27	0.22	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jul 03, 2019	0.50	0.61	0.50	100.0%
18870601	19	892	MUNSEY	13132375	2	Jul 03, 2019	0.80	0.97	0.80	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 03, 2019	1.00	1.21	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 03, 2019	3.20	3.88	3.20	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 03, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 03, 2019	0.75	0.75	0.75	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 03, 2019	0.16	0.16	0.16	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 03, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 03, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 03, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jul 03, 2019	0.94	0.94	0.94	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jul 03, 2019	1.46	1.46	1.46	100.0%
18870630	236	1428	BECK	13130525	4	Jul 03, 2019	0.36	0.44	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 03, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jul 03, 2019	0.42	0.51	0.42	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 03, 2019	0.54	0.54	0.54	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 03, 2019	0.43	0.43	0.43	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 03, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 03, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jul 03, 2019	0.33	0.40	0.33	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.88	1.07	0.88	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 03, 2019	0.76	0.76	0.76	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 03, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jul 03, 2019	0.23	0.23	0.23	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jul 03, 2019	0.37	0.37	0.37	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 03, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 03, 2019	0.40	0.48	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 03, 2019	0.81	0.81	0.81	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 03, 2019	0.64	0.64	0.64	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 03, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 03, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 03, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	KENT	13120605	9	Jul 03, 2019	0.83	0.83	0.83	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 03, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 03, 2019	0.77	0.77	0.77	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 03, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 03, 2019	0.18	0.22	0.18	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 03, 2019	0.50	0.61	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jul 03, 2019	0.97	1.18	0.97	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 03, 2019	0.70	0.70	0.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 03, 2019	1.20	1.20	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 03, 2019	2.70	2.70	2.70	100.0%
18900601	426	756	ARCO	13132365	2	Jul 03, 2019	0.57	0.69	0.57	100.0%
18900601	48	1023	MUNSEY	13132375	2	Jul 03, 2019	1.50	1.82	1.50	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 03, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 03, 2019	0.49	0.49	0.49	100.0%

18900801	101	1326	Johnson/Navarro	13124090	8	Jul 03, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 03, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 03, 2019	0.24	0.24	0.24	100.0%
18910630	205	2065	BECK	13130525	4	Jul 03, 2019	1.25	1.51	1.25	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 03, 2019	0.60	0.73	0.60	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 03, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 03, 2019	0.20	0.24	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jul 03, 2019	0.26	0.32	0.26	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 03, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 03, 2019	1.45	1.45	1.45	100.0%
18930201	158	538	MOORE	13132050	4	Jul 03, 2019	0.03	0.04	0.03	100.0%
18930201	414	1865	MOORE	13132050	4	Jul 03, 2019	0.30	0.36	0.30	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 03, 2019	0.30	0.36	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jul 03, 2019	0.22	0.27	0.22	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 03, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 03, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	KENT	13120605	9	Jul 03, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	KENT	13120605	9	Jul 03, 2019	0.60	0.60	0.60	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 03, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 03, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 03, 2019	0.03	0.03	0.03	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 03, 2019	0.44	0.44	0.44	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 03, 2019	2.80	2.80	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	Jul 03, 2019	0.40	0.40	0.40	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 03, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 03, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 03, 2019	3.20	3.88	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jul 03, 2019	0.15	0.18	0.15	100.0%
18940601	158	536	MOORE	13132050	4	Jul 03, 2019	0.02	0.02	0.02	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	2.02	2.45	2.02	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 03, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jul 03, 2019	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 03, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 03, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jul 03, 2019	0.10	0.12	0.10	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 03, 2019	0.80	0.97	0.80	100.0%
18950601	242	212	MOORE	13132050	4	Jul 03, 2019	0.11	0.13	0.11	100.0%
18950601	158	534	MOORE	13132050	4	Jul 03, 2019	0.01	0.01	0.01	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.40	0.48	0.40	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.72	0.87	0.72	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 03, 2019	0.30	0.30	0.30	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 03, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 03, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jul 03, 2019	1.74	2.11	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 03, 2019	1.60	1.60	1.60	100.0%
18960302	309	873	MOORE	13132050	4	Jul 03, 2019	0.25	0.31	0.25	100.0%
18960302	402	872	MOORE	13132050	4	Jul 03, 2019	0.25	0.31	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 03, 2019	3.20	3.20	3.20	100.0%
18960601	417	381	MOORE	13132050	4	Jul 03, 2019	2.40	2.91	2.40	100.0%
18960601	417	992	MOORE	13132050	4	Jul 03, 2019	1.20	1.45	1.20	100.0%
18960601	441	207	MOORE	13132050	4	Jul 03, 2019	0.99	1.20	0.99	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 03, 2019	2.12	2.57	2.12	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 03, 2019	0.40	0.48	0.40	100.0%
18960601	459	993	MOORE	13132050	4	Jul 03, 2019	0.40	0.48	0.40	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 03, 2019	0.60	0.73	0.60	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 03, 2019	0.02	0.02	0.02	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 03, 2019	0.03	0.04	0.03	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 03, 2019	1.56	1.89	1.56	100.0%
18960601	533	424	MOORE	13132050	4	Jul 03, 2019	0.06	0.07	0.06	100.0%
18960601	96	461	MOORE	13132050	4	Jul 03, 2019	0.03	0.04	0.03	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 03, 2019	0.42	0.51	0.42	100.0%
18960601	263	399	MOORE	13132050	4	Jul 03, 2019	0.27	0.33	0.27	100.0%
18960601	158	540	MOORE	13132050	4	Jul 03, 2019	0.32	0.39	0.32	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 03, 2019	0.23	0.28	0.23	100.0%

18960601	263	397	MOORE	13132050	4	Jul 03, 2019	0.35	0.42	0.35	100.0%
18960601	402	876	MOORE	13132050	4	Jul 03, 2019	0.07	0.08	0.07	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 03, 2019	0.40	0.48	0.40	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 03, 2019	0.48	0.58	0.48	100.0%
18960601	96	457	MOORE	13132050	4	Jul 03, 2019	0.92	1.11	0.92	100.0%
18960601	309	877	MOORE	13132050	4	Jul 03, 2019	0.07	0.08	0.07	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.04	0.04	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 03, 2019	0.41	0.50	0.41	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 03, 2019	0.70	0.85	0.70	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jul 03, 2019	0.40	0.48	0.40	100.0%
18960601	2431	1831	EASTSIDE FIELD H	13132061	4	Jul 03, 2019	0.85	1.03	0.85	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 03, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 03, 2019	2.00	2.42	2.00	100.0%
18960801	280	1186	SHARP	13126500	6	Jul 03, 2019	0.54	0.54	0.54	100.0%
18960901	437	671	ARCO	13132365	2	Jul 03, 2019	0.13	0.16	0.13	100.0%
18960928	15	80	MUNSEY	13132375	2	Jul 03, 2019	2.33	2.82	2.33	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 03, 2019	0.51	0.62	0.51	100.0%
18960928	90	46	MUNSEY	13132375	2	Jul 03, 2019	1.00	1.21	1.00	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 03, 2019	1.97	2.39	1.97	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 03, 2019	3.72	4.51	3.72	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 03, 2019	0.03	0.04	0.03	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 03, 2019	2.00	2.00	2.00	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 03, 2019	0.75	0.75	0.75	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 03, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 03, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jul 03, 2019	0.22	0.27	0.22	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jul 03, 2019	0.24	0.29	0.24	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 03, 2019	0.13	0.16	0.13	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 03, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jul 03, 2019	1.20	1.20	1.20	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.65	0.79	0.65	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.65	0.79	0.65	100.0%
18980901	301	1803	ARCO	13132365	2	Jul 03, 2019	0.06	0.07	0.06	100.0%
18980901	268	562	ARCO	13132365	2	Jul 03, 2019	1.57	1.90	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jul 03, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jul 03, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	1.00	1.21	1.00	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 03, 2019	0.60	0.73	0.60	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 03, 2019	0.53	0.64	0.53	100.0%
18990327	113	584	MOORE	13132050	4	Jul 03, 2019	0.03	0.04	0.03	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 03, 2019	0.21	0.25	0.21	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 03, 2019	0.01	0.01	0.01	100.0%
18990327	180	468	MOORE	13132050	4	Jul 03, 2019	0.05	0.06	0.05	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 03, 2019	0.03	0.04	0.03	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 03, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 03, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 03, 2019	0.57	0.57	0.57	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 03, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 03, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 03, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 03, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.20	0.24	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jul 03, 2019	0.15	0.18	0.15	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jul 03, 2019	0.30	0.30	0.30	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 03, 2019	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jul 03, 2019	0.23	0.28	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jul 03, 2019	0.35	0.42	0.35	100.0%
19010901	70	339	MOORE	13132050	4	Jul 03, 2019	0.12	0.15	0.12	100.0%
19011001	263	396	MOORE	13132050	4	Jul 03, 2019	0.12	0.15	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 03, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	Jul 03, 2019	1.31	1.59	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 03, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.20	0.24	0.20	100.0%

19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.20	0.24	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 03, 2019	0.31	0.37	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.44	0.53	0.44	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 03, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 03, 2019	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 03, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 03, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 03, 2019	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 03, 2019	1.40	1.40	1.40	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 03, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 03, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 03, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 03, 2019	2.70	3.27	2.70	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 03, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 03, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 03, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 03, 2019	1.35	1.35	1.35	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 03, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 03, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 03, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 03, 2019	1.08	1.08	1.08	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jul 03, 2019	1.40	1.40	1.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 03, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jul 03, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 03, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 03, 2019	1.56	1.89	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jul 03, 2019	0.42	0.42	0.42	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jul 03, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 03, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jul 03, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 03, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 03, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 03, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jul 03, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 03, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	KENT	13120605	9	Jul 03, 2019	0.45	0.45	0.45	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jul 03, 2019	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jul 03, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 03, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 03, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	BITTON	13120735	9	Jul 03, 2019	0.02	0.02	0.02	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 03, 2019	0.34	0.34	0.34	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 03, 2019	0.27	0.27	0.27	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 03, 2019	1.30	1.30	1.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 03, 2019	0.65	0.65	0.65	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 03, 2019	0.40	0.40	0.40	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 03, 2019	0.06	0.06	0.06	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 03, 2019	0.82	0.82	0.82	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 03, 2019	0.10	0.10	0.10	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 03, 2019	0.30	0.30	0.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 03, 2019	3.00	3.00	3.00	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jul 03, 2019	0.27	0.27	0.27	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 03, 2019	0.20	0.20	0.20	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 03, 2019	0.07	0.07	0.07	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 03, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 03, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jul 03, 2019	0.19	0.23	0.19	100.0%
19061001	2431	1855	EASTSIDE FIELD H	13132061	4	Jul 03, 2019	0.02	0.02	0.02	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 03, 2019	0.42	0.42	0.42	99.5%
19070711	2610	2094	KENT	13120605	9	Jul 03, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	KENT	13120605	9	Jul 03, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	KENT	13120605	9	Jul 03, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	BITTON	13120735	9	Jul 03, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	BITTON	13120735	9	Jul 03, 2019	0.03	0.03	0.03	100.0%

19070711	59	2146	BITTON	13120735	9	Jul 03, 2019	0.55	0.55	0.55	100.0%
19080709	475	1098	BURNETT	13127750	5	Jul 03, 2019	0.36	0.36	0.36	100.0%
19081207	459	1080	MOORE	13132050	4	Jul 03, 2019	0.50	0.61	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jul 03, 2019	0.33	0.40	0.33	100.0%
19081207	70	343	MOORE	13132050	4	Jul 03, 2019	0.17	0.21	0.17	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jul 03, 2019	1.82	1.82	1.82	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 03, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 03, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jul 03, 2019	2.40	2.40	2.40	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 03, 2019	0.75	0.75	0.75	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 03, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 03, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 03, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 03, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 03, 2019	0.30	0.30	0.30	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 03, 2019	1.30	1.30	1.30	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.02	0.02	0.02	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jul 03, 2019	0.13	0.16	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 03, 2019	1.60	1.60	1.60	100.0%
19140103	59	2233	KENT	13120605	9	Jul 03, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	KENT	13120605	9	Jul 03, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 03, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	BITTON	13120735	9	Jul 03, 2019	0.04	0.04	0.04	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 03, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 03, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 03, 2019	0.80	0.80	0.80	100.0%
19150504	373	434	CHILLY	13121105	9	Jul 03, 2019	0.22	0.22	0.22	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 03, 2019	0.12	0.12	0.12	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 03, 2019	0.10	0.10	0.10	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jul 03, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 03, 2019	0.90	0.90	0.90	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 03, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 03, 2019	0.85	0.85	0.85	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 03, 2019	0.68	0.68	0.68	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jul 03, 2019	0.67	0.67	0.67	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 03, 2019	0.16	0.16	0.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 03, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jul 03, 2019	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	Jul 03, 2019	0.01	0.01	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	Jul 03, 2019	0.79	0.96	0.79	100.0%
19240806	417	695	MOORE	13132050	4	Jul 03, 2019	0.50	0.61	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jul 03, 2019	0.44	0.53	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jul 03, 2019	0.11	0.13	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jul 03, 2019	4.90	5.94	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jul 03, 2019	0.02	0.02	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jul 03, 2019	4.40	5.33	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 03, 2019	16.00	19.39	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jul 03, 2019	1.34	1.62	1.34	100.0%
19810501	566	1684	MOORE	13132050	4	Jul 03, 2019	0.82	0.99	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jul 03, 2019	8.06	9.77	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jul 03, 2019	43.06	52.17	43.06	100.0%
19950411	476	1273	ARCO	13132365	2	Jul 03, 2019	15.30	18.54	15.30	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jul 03, 2019	13.66	16.55	13.66	100.0%
19950411	476	1273	BECK	13130525	4	Jul 03, 2019	3.70	4.48	3.70	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jul 03, 2019	6.06	6.06	6.06	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jul 03, 2019	29.88	29.88	29.88	100.0%
19950411	476	1273	BURNETT	13127750	5	Jul 03, 2019	56.94	56.94	56.94	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jul 03, 2019	16.00	16.00	16.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jul 03, 2019	5.60	5.60	5.60	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jul 03, 2019	3.27	3.27	3.27	100.0%
19950411	476	1273	CHILLY	13121105	9	Jul 03, 2019	5.60	5.60	5.60	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jul 03, 2019	9969.40	9969.40	369.68	3.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 4, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 4	813.0	4.0	0.0	817.0	0.00	817.0	4.0	0.0	0.0	813.0	0.0	0.0
9	Howell to Chilly	Jul 4	644.0	115.6	0.0	-53.4	0.07	763.6	111.0	4.6	0.0	648.6	-4.6	0.0
8	Chilly to Reservoir	* Jul 4	769.8	67.4	0.0	193.2	0.00	956.8	59.7	7.7	0.0	782.1	-12.4	0.0
	Connected													
7	Mackay Reservoir	* Jul 4	762.4	0.0	0.0	0.0	0.00	1049.6	387.2		0.0	394.9	367.5	0.0
6	Reservoir to 2B	Jul 4	751.0	11.4	0.0	0.0	0.00	956.8	11.4	0.0	0.0	383.5	367.5	0.0
5	2B to Leslie	Jul 4	646.0	197.8	0.0	92.8	0.00	1049.6	178.5	19.3	0.0	297.8	348.2	0.0
4	Leslie to Moore	Jul 4	268.9	310.1	0.0	-67.0	0.10	1049.6	207.0	103.1	0.0	59.9	209.0	0.0
2	Moore to blw Munsey	Jul 4	196.0	85.9	0.0	13.0	0.00	1062.6	72.9	13.0	0.0	0.0	196.0	0.0
1	Blw Munsey to Arco	Jul 4	193.0	0.0	0.0	-3.0	0.02	1062.6	0.0	0.0	0.0	0.0	193.0	0.0
								TOTAL	1031.7	147.7	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 4	0.0	0.0		20180101	4%
9	Howell to Chilly	Jul 4	0.0	0.0		20180101	4%
8	Chilly to Reservoir	Jul 4	0.0	0.0		20180101	4%
	Connected						
7	Mackay Reservoir	Jul 4	0.0	0.0		20180101	4%
6	Reservoir to 2B	Jul 4	0.0	0.0		20180101	4%
5	2B to Leslie	Jul 4	0.0	0.0		20180101	4%
4	Leslie to Moore	Jul 4	30.9	36.1		20180101	4%
2	Moore to blw Munsey	Jul 4	0.0	0.0		20180101	4%
1	Blw Munsey to Arco	Jul 4	0.0	3.0		20180101	4%
		TOTAL	30.9	39.1	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	412.6
2	18810630	1.7	294.0	219.2
3	18880601	3.2	556.5	412.6
4	18960601	6.4	1113.0	825.1
5	19020301	0.8	140.0	103.1
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	67087.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	112910.9

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44380.0	44370.0	-10.0	-5.0	12.4

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	69059.9
Total Storage Loss	-38379.0
Total Storage Deliver	-14204.0
Total Evaporation	-978.1
Accounting Balance	44368.8
Current Res Content	44370.0
Storage Balance Error	-1.2

DAILY STORAGE BALANCE

```
 44380.0 Reservoir Content Previous Day [ac-ft]
 44370.0 Reservoir Content Current Day [ac-ft]
   -10.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------
           768.0 Storage Allocated to Mackay Reservoir [ac-ft]

          -460.4 Stored Flow Losses [ac-ft]
                 0.0 2B to Leslie [cfs]
               -36.1 Leslie to Moore [cfs]
                 0.0 Moore blw Munsey [cfs]
                -3.0 blw Munsey to Arco Gage [cfs]
              -193.0 Past Arco Gage [cfs]

          -292.9 Storage Delivered [ac-ft]
                12.3 Above Reservoir [cfs]
                 0.0 Reservoir to 2B [cfs]
                19.3 2B to Leslie [cfs]
               103.1 Leslie to Moore [cfs]
                13.0 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

           -24.6 Evaporation [ac-ft]

    -9.9 Accounting Change in Storage [ac-ft]
-------------------------------------------------------
     0.1 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   769.8 Gain in/above Mackay Reservoir [cfs]
    92.8 Gain in Reach 5: 2-B to Leslie [cfs]
     0.0 Gain in Reach 4: Leslie to Moore [cfs]
    13.0 Gain in Reach 2: Moore to Munsey [cfs]
     0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------
   875.6 Total Available Natural Flow [cfs]
-------------------------------------------------------
           387.2 Reservoir Rights Diverted [cfs]

            30.9 Natural Flow Losses below Reservoir [cfs]
                 0.0 2B to Leslie [cfs]
                30.9 Leslie to Moore [cfs]
                 0.0 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
                 0.0 Natural Flow Past Arco Gage [cfs]

           457.5 Natural Flow Delivered [cfs]
               -12.3 Above Reservoir Storage Use [cfs]
                11.4 Reservoir to 2B [cfs]
               178.5 2B to Leslie [cfs]
               207.0 Leslie to Moore [cfs]
                72.9 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

   875.6 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------
     0.0 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.8	440
Eastside Felton Wier +	80.4	4020
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	89.2	4460
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.8	38
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.7	135
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	113.9	5694
Island Babcock Delivery +	0.9	45
Island Felton Farms Delivery +	2.0	100
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.5	173
Island Wanstrom David +	0.0	0
Eastside OUT	56.0	2800
Total Out	182.5	9125

Abbreviated Reach Delivery Factor 2.05
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 345.0%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 56.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 16.2 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 85.9%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 18.9 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 115.1 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 241.2%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 296.3%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 4, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.5	0.0	0.3	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.6	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.4	0.0	17.2
9	BITTON	5.5	0.0	0.3	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	5.0	0.0	47.2	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	30.6	6.7	276.3
9	Thalman Hunter D	4.0	0.0	39.2	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	58.2	1.2	729.2
9	NEILSEN	42.9	4.6	420.9	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	93.0	11.4	1288.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	41.0	0.0	0.0	8	Broken River Pum	6.0	2.0	15.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	5.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	17.0	8.4	548.0
8	Mtn. Springs 3	5.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	5.0	5.0	372.9
8	Donahue 1	0.8	0.7	99.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	6.7
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	222.2
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	155.0	11.9	2677.6
8	Mtn. Springs 1	5.0	5.0	454.1	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	115.1	78.5	6641.3
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	42.0	10.4	843.7
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	43.9	4.1	291.3
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	440.3	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 04, 2019	2.03	2.03	2.03	100.0%
18750601	483	12	LONGHURST	13121505	9	Jul 04, 2019	3.17	3.17	3.17	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 04, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 04, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 04, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 04, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 04, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 04, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 04, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 04, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 04, 2019	1.20	1.20	1.20	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 04, 2019	0.79	0.88	0.79	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 04, 2019	0.27	0.30	0.27	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 04, 2019	1.54	1.72	1.54	100.0%
18830601	221	855	MOORE	13132050	4	Jul 04, 2019	1.60	1.79	1.60	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 04, 2019	1.13	1.26	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 04, 2019	1.72	1.92	1.72	100.0%
18830810	263	393	MOORE	13132050	4	Jul 04, 2019	0.18	0.20	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jul 04, 2019	0.48	0.54	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 04, 2019	0.18	0.20	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 04, 2019	0.01	0.01	0.01	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.21	0.24	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.43	0.48	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.21	0.24	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 04, 2019	1.64	1.83	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 04, 2019	0.14	0.16	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 04, 2019	0.07	0.07	0.07	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 04, 2019	1.44	1.44	1.44	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 04, 2019	2.17	2.17	2.17	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 04, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 04, 2019	0.55	0.55	0.55	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 04, 2019	0.20	0.20	0.20	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 04, 2019	0.14	0.14	0.14	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 04, 2019	0.60	0.60	0.60	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 04, 2019	0.79	0.79	0.79	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 04, 2019	2.00	2.00	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 04, 2019	0.50	0.50	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 04, 2019	1.92	1.92	1.92	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 04, 2019	0.21	0.21	0.21	100.0%
18840422	347	938	SHARP	13126500	6	Jul 04, 2019	4.00	4.00	4.00	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 04, 2019	0.64	0.64	0.64	100.0%
18840422	24	120	SHARP	13126500	6	Jul 04, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Jul 04, 2019	0.13	0.13	0.13	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 04, 2019	0.12	0.12	0.12	100.0%
18840423	280	1860	SHARP	13126500	6	Jul 04, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jul 04, 2019	1.00	1.12	1.00	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 04, 2019	0.20	0.20	0.20	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 04, 2019	0.80	0.80	0.80	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 04, 2019	1.23	1.23	1.23	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 04, 2019	0.40	0.40	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 04, 2019	0.37	0.37	0.37	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 04, 2019	0.40	0.40	0.40	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 04, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 04, 2019	0.22	0.22	0.22	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 04, 2019	2.24	2.50	2.24	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 04, 2019	2.14	2.39	2.14	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 04, 2019	0.22	0.25	0.22	100.0%
18840520	263	394	MOORE	13132050	4	Jul 04, 2019	0.22	0.25	0.22	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 04, 2019	0.01	0.01	0.01	100.0%

18840520	156	2002	MOORE	13132050	4	Jul 04, 2019	0.38	0.42	0.38	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 04, 2019	0.04	0.04	0.04	100.0%
18840520	242	210	MOORE	13132050	4	Jul 04, 2019	0.21	0.23	0.21	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 04, 2019	0.80	0.89	0.80	100.0%
18840520	96	451	MOORE	13132050	4	Jul 04, 2019	0.58	0.65	0.58	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 04, 2019	0.50	0.56	0.50	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 04, 2019	0.02	0.02	0.02	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 04, 2019	1.60	1.79	1.60	100.0%
18840520	427	1	MOORE	13132050	4	Jul 04, 2019	1.12	1.25	1.12	100.0%
18840520	433	271	MOORE	13132050	4	Jul 04, 2019	0.54	0.60	0.54	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 04, 2019	0.78	0.87	0.78	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 04, 2019	0.01	0.01	0.01	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 04, 2019	0.18	0.20	0.18	100.0%
18840520	113	585	MOORE	13132050	4	Jul 04, 2019	0.11	0.12	0.11	100.0%
18840520	180	470	MOORE	13132050	4	Jul 04, 2019	0.16	0.18	0.16	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.80	0.89	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 04, 2019	0.50	0.50	0.50	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 04, 2019	1.28	1.43	1.28	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 04, 2019	0.08	0.09	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 04, 2019	0.54	0.60	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 04, 2019	0.09	0.10	0.09	100.0%
18840601	263	395	MOORE	13132050	4	Jul 04, 2019	0.08	0.09	0.08	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 04, 2019	1.20	1.34	1.20	100.0%
18840601	96	453	MOORE	13132050	4	Jul 04, 2019	0.21	0.23	0.21	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 04, 2019	0.01	0.01	0.01	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 04, 2019	0.16	0.18	0.16	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 04, 2019	0.40	0.40	0.40	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 04, 2019	0.40	0.40	0.40	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 04, 2019	0.80	0.80	0.80	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 04, 2019	0.20	0.20	0.20	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 04, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 04, 2019	0.27	0.27	0.27	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 04, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 04, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 04, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 04, 2019	0.40	0.40	0.40	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 04, 2019	1.20	1.34	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jul 04, 2019	0.54	0.60	0.54	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 04, 2019	1.20	1.34	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jul 04, 2019	0.80	0.89	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 04, 2019	0.80	0.89	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 04, 2019	0.80	0.89	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 04, 2019	0.09	0.10	0.09	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 04, 2019	0.40	0.45	0.40	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 04, 2019	0.20	0.22	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 04, 2019	0.58	0.65	0.58	100.0%
18840831	533	421	MOORE	13132050	4	Jul 04, 2019	0.14	0.16	0.14	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.40	0.45	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.50	0.56	0.50	100.0%
18840831	2431	1799	EASTSIDE FIELD H	13132061	4	Jul 04, 2019	0.13	0.15	0.13	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 04, 2019	1.31	1.46	1.31	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.40	0.45	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.44	0.49	0.44	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 04, 2019	3.20	3.57	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 04, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 04, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jul 04, 2019	1.76	1.96	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Jul 04, 2019	0.31	0.35	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Jul 04, 2019	0.58	0.65	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 04, 2019	0.89	0.99	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 04, 2019	1.25	1.39	1.25	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 04, 2019	0.74	0.74	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 04, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 04, 2019	0.72	0.72	0.72	100.0%

18841012	524	11	SWAUGER	13127600	5	Jul 04, 2019	2.78	2.78	2.78	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 04, 2019	3.30	3.30	3.30	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 04, 2019	1.65	1.65	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jul 04, 2019	0.23	0.23	0.23	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 04, 2019	2.00	2.00	2.00	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 04, 2019	0.56	0.56	0.56	100.0%
18850501	468	59	ARCO	13132365	2	Jul 04, 2019	0.74	0.83	0.66	89.6%
18850501	426	887	ARCO	13132365	2	Jul 04, 2019	0.64	0.71	0.57	89.6%
18850501	423	87	ARCO	13132365	2	Jul 04, 2019	0.20	0.22	0.18	89.6%
18850501	423	186	ARCO	13132365	2	Jul 04, 2019	0.26	0.29	0.23	89.6%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 04, 2019	1.80	2.01	1.80	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 04, 2019	0.20	0.22	0.20	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jul 04, 2019	2.00	2.23	2.00	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 04, 2019	0.24	0.27	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 04, 2019	2.80	2.80	2.80	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	1.40	1.56	1.40	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.20	0.22	0.20	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.20	0.22	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jul 04, 2019	0.48	0.54	0.48	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 04, 2019	0.30	0.33	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 04, 2019	0.56	0.62	0.56	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 04, 2019	0.11	0.11	0.11	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 04, 2019	1.37	1.37	1.37	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 04, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 04, 2019	0.19	0.19	0.19	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 04, 2019	1.56	1.74	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	2.80	3.12	2.80	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 04, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 04, 2019	0.59	0.66	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 04, 2019	1.20	1.34	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 04, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 04, 2019	1.40	1.40	1.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 04, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jul 04, 2019	1.16	1.16	1.16	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 04, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 04, 2019	1.54	1.54	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jul 04, 2019	3.60	4.02	3.23	89.6%
18851002	437	62	ARCO	13132365	2	Jul 04, 2019	1.54	1.72	1.38	89.6%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 04, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 04, 2019	1.60	1.79	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jul 04, 2019	1.20	1.34	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 04, 2019	2.80	3.12	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 04, 2019	2.56	2.86	2.56	100.0%
18860512	263	398	MOORE	13132050	4	Jul 04, 2019	0.18	0.20	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 04, 2019	0.01	0.01	0.01	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 04, 2019	0.18	0.20	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jul 04, 2019	0.48	0.54	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	1.77	1.97	1.77	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 04, 2019	2.40	2.68	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 04, 2019	0.20	0.22	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 04, 2019	0.08	0.09	0.08	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	1.24	1.38	1.24	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	1.60	1.79	1.60	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	1.00	1.12	1.00	100.0%
18860601	357	1288	BURNETT	13127750	5	Jul 04, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 04, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jul 04, 2019	0.80	0.80	0.80	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.80	0.89	0.80	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.10	0.11	0.10	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	1.00	1.12	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 04, 2019	0.60	0.60	0.60	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 04, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 04, 2019	0.52	0.52	0.52	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 04, 2019	0.80	0.80	0.80	100.0%

18860901	180	2	MUNSEY	13132375	2	Jul 04, 2019	0.84	0.94	0.75	89.6%
18860901	605	955	Stoecklein 1	13124173	8	Jul 04, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 04, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 04, 2019	1.26	1.26	1.26	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 04, 2019	1.60	1.79	1.60	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 04, 2019	3.20	3.57	3.20	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 04, 2019	0.76	0.85	0.76	100.0%
18870313	459	338	MOORE	13132050	4	Jul 04, 2019	0.42	0.47	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jul 04, 2019	0.65	0.73	0.65	100.0%
18870313	433	683	MOORE	13132050	4	Jul 04, 2019	0.13	0.15	0.13	100.0%
18870313	70	337	MOORE	13132050	4	Jul 04, 2019	0.23	0.26	0.23	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 04, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 04, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 04, 2019	3.20	3.57	2.87	89.6%
18870601	423	1028	ARCO	13132365	2	Jul 04, 2019	1.80	2.01	1.61	89.6%
18870601	468	893	ARCO	13132365	2	Jul 04, 2019	1.00	1.12	0.82	82.1%
18870601	423	76	ARCO	13132365	2	Jul 04, 2019	0.22	0.25	0.22	100.0%
18870601	19	892	MUNSEY	13132375	2	Jul 04, 2019	0.80	0.89	0.80	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 04, 2019	1.00	1.12	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 04, 2019	3.20	3.57	3.20	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 04, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 04, 2019	0.75	0.75	0.75	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 04, 2019	0.16	0.16	0.16	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 04, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 04, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 04, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jul 04, 2019	0.94	0.94	0.94	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jul 04, 2019	1.46	1.46	1.46	100.0%
18870630	236	1428	BECK	13130525	4	Jul 04, 2019	0.36	0.40	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 04, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jul 04, 2019	0.42	0.47	0.42	100.0%
18870801	623	2203	BURNETT	13127750	5	Jul 04, 2019	0.33	0.33	0.33	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 04, 2019	0.54	0.54	0.54	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 04, 2019	0.43	0.43	0.43	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 04, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 04, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jul 04, 2019	0.33	0.37	0.33	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	1.50	1.67	1.50	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 04, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jul 04, 2019	0.23	0.23	0.23	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jul 04, 2019	0.37	0.37	0.37	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 04, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 04, 2019	0.40	0.45	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 04, 2019	0.81	0.81	0.81	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 04, 2019	0.64	0.64	0.64	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 04, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 04, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	KENT	13120605	9	Jul 04, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 04, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 04, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 04, 2019	0.77	0.77	0.77	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 04, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 04, 2019	0.18	0.20	0.18	100.0%
18890601	441	205	MOORE	13132050	4	Jul 04, 2019	0.97	1.08	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 04, 2019	0.50	0.56	0.50	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 04, 2019	2.70	2.70	2.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 04, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 04, 2019	0.70	0.70	0.70	100.0%
18900601	426	756	ARCO	13132365	2	Jul 04, 2019	0.57	0.64	0.57	100.0%
18900601	48	1023	MUNSEY	13132375	2	Jul 04, 2019	1.50	1.67	1.50	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 04, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 04, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 04, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 04, 2019	0.24	0.24	0.24	100.0%

18910531	498	777	BRADSHAW	13120705	9	Jul 04, 2019	1.76	1.76	1.76	100.0%
18910630	205	2065	BECK	13130525	4	Jul 04, 2019	1.25	1.39	1.25	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 04, 2019	0.60	0.67	0.60	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 04, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 04, 2019	0.20	0.22	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jul 04, 2019	0.26	0.29	0.26	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 04, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 04, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 04, 2019	0.30	0.33	0.30	100.0%
18930201	158	538	MOORE	13132050	4	Jul 04, 2019	0.03	0.03	0.03	100.0%
18930201	414	1865	MOORE	13132050	4	Jul 04, 2019	0.30	0.33	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jul 04, 2019	0.22	0.25	0.22	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 04, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	Jul 04, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	KENT	13120605	9	Jul 04, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 04, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 04, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 04, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 04, 2019	0.60	0.60	0.60	100.0%
18940310	357	15	BURNETT	13127750	5	Jul 04, 2019	0.40	0.40	0.40	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 04, 2019	0.40	0.40	0.40	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 04, 2019	0.96	0.96	0.96	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 04, 2019	2.80	2.80	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 04, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 04, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 04, 2019	3.20	3.57	3.20	100.0%
18940601	158	536	MOORE	13132050	4	Jul 04, 2019	0.02	0.02	0.02	100.0%
18940601	417	379	MOORE	13132050	4	Jul 04, 2019	0.15	0.17	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	2.02	2.25	2.02	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 04, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jul 04, 2019	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 04, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 04, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 04, 2019	0.80	0.89	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Jul 04, 2019	0.10	0.11	0.10	100.0%
18950601	242	212	MOORE	13132050	4	Jul 04, 2019	0.11	0.12	0.11	100.0%
18950601	158	534	MOORE	13132050	4	Jul 04, 2019	0.01	0.01	0.01	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.72	0.80	0.72	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.40	0.45	0.40	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 04, 2019	0.30	0.30	0.30	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 04, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 04, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jul 04, 2019	1.74	1.94	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 04, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jul 04, 2019	0.25	0.28	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jul 04, 2019	0.25	0.28	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 04, 2019	3.20	3.20	3.20	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 04, 2019	0.42	0.47	0.42	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 04, 2019	0.40	0.45	0.40	100.0%
18960601	417	381	MOORE	13132050	4	Jul 04, 2019	2.40	2.68	2.40	100.0%
18960601	417	992	MOORE	13132050	4	Jul 04, 2019	1.20	1.34	1.20	100.0%
18960601	441	207	MOORE	13132050	4	Jul 04, 2019	0.99	1.10	0.99	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 04, 2019	0.48	0.54	0.48	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 04, 2019	0.02	0.02	0.02	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 04, 2019	0.03	0.03	0.03	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 04, 2019	1.56	1.74	1.56	100.0%
18960601	96	457	MOORE	13132050	4	Jul 04, 2019	0.92	1.03	0.92	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 04, 2019	0.23	0.26	0.23	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 04, 2019	0.60	0.67	0.60	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 04, 2019	0.40	0.45	0.40	100.0%
18960601	459	993	MOORE	13132050	4	Jul 04, 2019	0.40	0.45	0.40	100.0%
18960601	263	397	MOORE	13132050	4	Jul 04, 2019	0.35	0.39	0.35	100.0%
18960601	309	877	MOORE	13132050	4	Jul 04, 2019	0.07	0.07	0.07	100.0%
18960601	402	876	MOORE	13132050	4	Jul 04, 2019	0.07	0.07	0.07	100.0%

18960601	263	399	MOORE	13132050	4	Jul 04, 2019	0.27	0.30	0.27	100.0%
18960601	406	65	MOORE	13132050	4	Jul 04, 2019	0.30	0.33	0.30	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 04, 2019	2.12	2.37	2.12	100.0%
18960601	533	424	MOORE	13132050	4	Jul 04, 2019	0.06	0.07	0.06	100.0%
18960601	96	461	MOORE	13132050	4	Jul 04, 2019	0.03	0.03	0.03	100.0%
18960601	158	540	MOORE	13132050	4	Jul 04, 2019	0.32	0.36	0.32	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.04	0.04	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 04, 2019	0.41	0.46	0.41	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 04, 2019	0.70	0.78	0.70	100.0%
18960601	2431	1831	EASTSIDE FIELD H	13132061	4	Jul 04, 2019	0.85	0.95	0.85	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 04, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 04, 2019	2.00	2.23	2.00	100.0%
18960801	280	1186	SHARP	13126500	6	Jul 04, 2019	0.54	0.54	0.54	100.0%
18960901	437	671	ARCO	13132365	2	Jul 04, 2019	0.13	0.15	0.13	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 04, 2019	3.72	4.15	3.72	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 04, 2019	0.51	0.57	0.51	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 04, 2019	0.03	0.03	0.03	100.0%
18960928	15	80	MUNSEY	13132375	2	Jul 04, 2019	2.33	2.60	2.33	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 04, 2019	1.97	2.20	1.97	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 04, 2019	0.75	0.75	0.75	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 04, 2019	6.00	6.00	6.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 04, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 04, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jul 04, 2019	0.22	0.25	0.22	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 04, 2019	0.13	0.15	0.13	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jul 04, 2019	0.24	0.27	0.24	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 04, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jul 04, 2019	1.20	1.20	1.20	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.65	0.73	0.65	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.65	0.73	0.65	100.0%
18980901	301	1803	ARCO	13132365	2	Jul 04, 2019	0.06	0.07	0.06	100.0%
18980901	268	562	ARCO	13132365	2	Jul 04, 2019	1.57	1.75	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jul 04, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jul 04, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	1.00	1.12	1.00	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 04, 2019	0.53	0.59	0.53	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 04, 2019	0.60	0.67	0.60	100.0%
18990327	180	468	MOORE	13132050	4	Jul 04, 2019	0.05	0.06	0.05	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 04, 2019	0.21	0.23	0.21	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 04, 2019	0.01	0.01	0.01	100.0%
18990327	113	584	MOORE	13132050	4	Jul 04, 2019	0.03	0.03	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 04, 2019	0.03	0.03	0.03	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 04, 2019	0.03	0.03	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 04, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 04, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 04, 2019	0.57	0.57	0.57	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 04, 2019	0.46	0.46	0.46	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 04, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 04, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 04, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.20	0.22	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jul 04, 2019	0.15	0.16	0.15	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jul 04, 2019	0.30	0.30	0.30	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 04, 2019	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jul 04, 2019	0.23	0.26	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jul 04, 2019	0.35	0.39	0.35	100.0%
19010901	70	339	MOORE	13132050	4	Jul 04, 2019	0.12	0.13	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 04, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jul 04, 2019	0.12	0.13	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jul 04, 2019	1.31	1.46	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 04, 2019	2.60	2.60	2.60	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.20	0.22	0.20	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.20	0.22	0.20	100.0%

19020301	13	1122	MOORE	13132050	4	Jul 04, 2019	0.31	0.34	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.44	0.49	0.44	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 04, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 04, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 04, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 04, 2019	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 04, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 04, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 04, 2019	1.40	1.40	1.40	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 04, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 04, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 04, 2019	2.70	3.01	2.70	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 04, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 04, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 04, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 04, 2019	1.35	1.35	1.35	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 04, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 04, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 04, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 04, 2019	0.49	0.49	0.49	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jul 04, 2019	1.40	1.40	1.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 04, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jul 04, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 04, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 04, 2019	1.56	1.74	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jul 04, 2019	0.42	0.42	0.42	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jul 04, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 04, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jul 04, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 04, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 04, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 04, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jul 04, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 04, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	KENT	13120605	9	Jul 04, 2019	0.45	0.45	0.45	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jul 04, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jul 04, 2019	0.62	0.62	0.62	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 04, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	BITTON	13120735	9	Jul 04, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 04, 2019	0.45	0.45	0.45	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 04, 2019	0.34	0.34	0.34	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 04, 2019	0.27	0.27	0.27	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 04, 2019	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 04, 2019	1.30	1.30	1.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 04, 2019	0.40	0.40	0.40	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 04, 2019	0.10	0.10	0.10	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 04, 2019	0.06	0.06	0.06	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 04, 2019	0.82	0.82	0.82	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 04, 2019	0.30	0.30	0.30	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jul 04, 2019	0.27	0.27	0.27	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 04, 2019	3.00	3.00	3.00	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 04, 2019	0.07	0.07	0.07	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 04, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 04, 2019	0.20	0.20	0.20	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 04, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jul 04, 2019	0.19	0.21	0.19	100.0%
19061001	2431	1855	EASTSIDE FIELD H	13132061	4	Jul 04, 2019	0.02	0.02	0.02	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 04, 2019	0.42	0.42	0.42	99.5%
19070711	59	2146	KENT	13120605	9	Jul 04, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	Jul 04, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	KENT	13120605	9	Jul 04, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	BITTON	13120735	9	Jul 04, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jul 04, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	BITTON	13120735	9	Jul 04, 2019	0.55	0.55	0.55	100.0%

19081207	459	1080	MOORE	13132050	4	Jul 04, 2019	0.50	0.56	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jul 04, 2019	0.33	0.37	0.33	100.0%
19081207	70	343	MOORE	13132050	4	Jul 04, 2019	0.17	0.19	0.17	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 04, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 04, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jul 04, 2019	2.40	2.40	2.40	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 04, 2019	0.75	0.75	0.75	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 04, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 04, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 04, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 04, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 04, 2019	1.30	1.30	1.30	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 04, 2019	0.30	0.30	0.30	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.02	0.02	0.02	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jul 04, 2019	0.13	0.15	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 04, 2019	1.60	1.60	1.60	100.0%
19140103	59	1361	KENT	13120605	9	Jul 04, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	KENT	13120605	9	Jul 04, 2019	0.69	0.69	0.69	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 04, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	BITTON	13120735	9	Jul 04, 2019	0.04	0.04	0.04	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 04, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 04, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 04, 2019	0.18	0.18	0.18	100.0%
19150504	373	434	CHILLY	13121105	9	Jul 04, 2019	0.22	0.22	0.22	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 04, 2019	0.12	0.12	0.12	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 04, 2019	0.10	0.10	0.10	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jul 04, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 04, 2019	0.90	0.90	0.90	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 04, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 04, 2019	0.85	0.85	0.85	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 04, 2019	0.68	0.68	0.68	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jul 04, 2019	0.67	0.67	0.67	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 04, 2019	0.16	0.16	0.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 04, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jul 04, 2019	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	Jul 04, 2019	0.01	0.01	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	Jul 04, 2019	0.79	0.88	0.79	100.0%
19240806	417	695	MOORE	13132050	4	Jul 04, 2019	0.50	0.56	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jul 04, 2019	0.44	0.49	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jul 04, 2019	0.11	0.12	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jul 04, 2019	4.90	5.47	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jul 04, 2019	0.02	0.02	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jul 04, 2019	4.40	4.91	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 04, 2019	16.00	17.85	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jul 04, 2019	1.34	1.50	1.34	100.0%
19810501	566	1684	MOORE	13132050	4	Jul 04, 2019	0.82	0.91	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jul 04, 2019	8.06	8.99	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jul 04, 2019	59.36	66.23	59.36	100.0%
19950411	476	1273	ARCO	13132365	2	Jul 04, 2019	15.28	17.05	15.28	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jul 04, 2019	0.06	0.07	0.06	100.0%
19950411	476	1273	BECK	13130525	4	Jul 04, 2019	2.00	2.23	2.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jul 04, 2019	12.86	12.86	12.86	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jul 04, 2019	31.06	31.06	31.06	100.0%
19950411	476	1273	BURNETT	13127750	5	Jul 04, 2019	46.88	46.88	46.88	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jul 04, 2019	16.00	16.00	16.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jul 04, 2019	5.60	5.60	4.00	71.4%
19950411	476	1273	NEILSEN	13120805	9	Jul 04, 2019	3.27	3.27	3.27	100.0%
19950411	476	1273	CHILLY	13121105	9	Jul 04, 2019	5.60	5.60	5.60	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jul 04, 2019	9969.40	9969.40	371.88	3.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 5, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 5	734.0	4.0	0.0	738.0	0.00	738.0	4.0	0.0	0.0	734.0	0.0	0.0
9	Howell to Chilly	Jul 5	563.0	115.6	0.0	-55.4	0.08	682.6	111.0	4.6	0.0	567.6	-4.6	0.0
8	Chilly to Reservoir	* Jul 5	691.0	67.4	0.0	195.4	0.00	878.0	59.7	7.7	0.0	703.3	-12.4	0.0
	Connected													
7	Mackay Reservoir	* Jul 5	674.4	0.0	0.0	0.0	0.00	969.8	316.8		0.0	386.5	287.9	0.0
6	Reservoir to 2B	Jul 5	663.0	11.4	0.0	0.0	0.00	878.0	11.3	0.1	0.0	375.2	287.8	0.0
5	2B to Leslie	Jul 5	558.0	196.8	0.0	91.8	0.00	969.8	181.4	15.4	0.0	285.6	272.4	0.0
4	Leslie to Moore	Jul 5	212.0	301.3	0.0	-44.7	0.08	969.8	197.2	104.2	0.0	65.5	146.4	0.0
2	Moore to blw Munsey	Jul 5	134.0	96.0	0.0	18.0	0.00	987.9	83.6	12.4	0.0	0.0	134.0	0.0
1	Blw Munsey to Arco	Jul 5	146.0	0.0	0.0	12.0	0.00	999.9	0.0	0.0	0.0	12.0	134.0	0.0
								TOTAL	965.0	144.4	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 5	0.0	0.0		20180101	3%
9	Howell to Chilly	Jul 5	0.0	0.0		20180101	3%
8	Chilly to Reservoir	Jul 5	0.0	0.0		20180101	3%
	Connected						
7	Mackay Reservoir	Jul 5	0.0	0.0		20180101	3%
6	Reservoir to 2B	Jul 5	0.0	0.0		20180101	3%
5	2B to Leslie	Jul 5	0.0	0.0		20180101	3%
4	Leslie to Moore	Jul 5	22.9	21.8		20180101	3%
2	Moore to blw Munsey	Jul 5	0.0	0.0		20180101	3%
1	Blw Munsey to Arco	Jul 5	0.0	0.0		20180101	3%
	TOTAL		22.9	21.8	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	418.9
2	18810630	1.7	294.0	222.5
3	18880601	3.2	556.5	418.9
4	18960601	6.4	1113.0	837.8
5	19020301	0.8	140.0	104.7
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	67685.4
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	113539.3

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44370.0	44380.0	10.0	5.0	11.5

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	69688.3
Total Storage Loss	-38688.0
Total Storage Deliver	-14490.5
Total Evaporation	-1000.9
Accounting Balance	44378.9
Current Res Content	44380.0
Storage Balance Error	-1.1

DAILY STORAGE BALANCE

44370.0	Reservoir Content Previous Day [ac-ft]
44380.0	Reservoir Content Current Day [ac-ft]
10.0	Physical Change in Storage [ac-ft]
628.5	Storage Allocated to Mackay Reservoir [ac-ft]
-309.0	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-21.8	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-134.0	Past Arco Gage [cfs]
-286.5	Storage Delivered [ac-ft]
12.3	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
15.4	2B to Leslie [cfs]
104.2	Leslie to Moore [cfs]
12.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-22.9	Evaporation [ac-ft]
10.1	Accounting Change in Storage [ac-ft]
0.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

691.0	Gain in/above Mackay Reservoir [cfs]
91.8	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
18.0	Gain in Reach 2: Moore to Munsey [cfs]
12.0	Gain in Reach 1: Munsey to Arco [cfs]
812.8	Total Available Natural Flow [cfs]
316.8	Reservoir Rights Diverted [cfs]
34.9	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
22.9	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
12.0	Natural Flow Past Arco Gage [cfs]
461.2	Natural Flow Delivered [cfs]
-12.3	Above Reservoir Storage Use [cfs]
11.3	Reservoir to 2B [cfs]
181.4	2B to Leslie [cfs]
197.2	Leslie to Moore [cfs]
83.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
812.9	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.6	580
Eastside Felton Wier +	66.3	3315
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	77.9	3895
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.8	38
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.7	135
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	112.7	5634
Island Babcock Delivery +	0.9	45
Island Felton Farms Delivery +	2.0	100
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	4.4	218
Island Wanstrom David +	0.0	0
Eastside OUT	50.0	2500
Total Out	176.2	8810

Abbreviated Reach Delivery Factor Total Out Divided By Total In	2.26

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 380.6%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 50.0 cfs
Step 4 - River at Weirs	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 13.1 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 77.4%
Step 6 - River at Eastside In	River at Weirs --- Upper Reach Delivery Factor	= 17.0 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 117.0 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 232.7%
Step 9 - Eastside River Delivery Factor	River at Eastside Out --- River at Eastside In	= 294.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 5, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.5	0.0	0.3	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.6	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.4	0.1	17.4
9	BITTON	5.5	0.0	0.3	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	5.0	0.0	47.2	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	30.6	6.8	289.8
9	Thalman Hunter D	4.0	0.0	39.2	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	58.0	1.2	731.5
9	NEILSEN	42.9	4.6	430.1	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	92.2	7.4	1303.2
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	41.0	0.0	0.0	8	Broken River Pum	6.0	2.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	5.0	0.0	0.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	16.4	8.4	564.6
8	Mtn. Springs 3	5.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	5.0	5.0	382.8
8	Donahue 1	0.8	0.7	100.8	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	6.9
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	226.1
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	144.9	11.9	2701.2
8	Mtn. Springs 1	5.0	5.0	464.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	117.0	79.6	6799.1
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	42.0	9.7	862.8
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	54.0	5.8	302.7
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	450.3	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 05, 2019	2.03	2.03	2.03	100.0%
18750601	483	12	LONGHURST	13121505	9	Jul 05, 2019	3.17	3.17	3.17	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 05, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 05, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 05, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 05, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 05, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 05, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 05, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 05, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 05, 2019	1.20	1.20	1.20	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 05, 2019	0.27	0.30	0.27	100.0%
18830601	221	855	MOORE	13132050	4	Jul 05, 2019	1.60	1.74	1.60	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 05, 2019	1.54	1.67	1.54	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 05, 2019	0.79	0.86	0.79	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 05, 2019	1.13	1.23	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 05, 2019	1.72	1.87	1.72	100.0%
18830810	263	393	MOORE	13132050	4	Jul 05, 2019	0.18	0.20	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 05, 2019	0.18	0.20	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 05, 2019	0.01	0.01	0.01	100.0%
18830810	96	449	MOORE	13132050	4	Jul 05, 2019	0.48	0.52	0.48	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.21	0.23	0.21	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.21	0.23	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.43	0.47	0.43	100.0%
18840422	236	30	BECK	13130525	4	Jul 05, 2019	1.64	1.78	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 05, 2019	0.14	0.15	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 05, 2019	0.92	0.92	0.92	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 05, 2019	0.07	0.07	0.07	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 05, 2019	2.17	2.17	2.17	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 05, 2019	0.55	0.55	0.55	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 05, 2019	0.20	0.20	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 05, 2019	1.44	1.44	1.44	100.0%
18840422	294	1421	DARLINGTON	13127735	5	Jul 05, 2019	0.03	0.03	0.03	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 05, 2019	0.14	0.14	0.14	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 05, 2019	0.60	0.60	0.60	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 05, 2019	1.63	1.63	1.63	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 05, 2019	0.21	0.21	0.21	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 05, 2019	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 05, 2019	1.92	1.92	1.92	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 05, 2019	0.79	0.79	0.79	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 05, 2019	0.50	0.50	0.50	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 05, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Jul 05, 2019	3.08	3.08	3.08	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 05, 2019	0.64	0.64	0.64	100.0%
18840422	24	120	SHARP	13126500	6	Jul 05, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Jul 05, 2019	0.13	0.13	0.13	100.0%
18840423	280	1860	SHARP	13126500	6	Jul 05, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jul 05, 2019	1.00	1.09	1.00	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 05, 2019	0.80	0.80	0.80	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 05, 2019	0.80	0.80	0.80	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 05, 2019	0.37	0.37	0.37	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 05, 2019	0.40	0.40	0.40	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 05, 2019	0.40	0.40	0.40	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 05, 2019	1.23	1.23	1.23	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 05, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 05, 2019	1.80	1.80	1.80	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 05, 2019	0.22	0.24	0.22	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 05, 2019	2.24	2.44	2.24	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 05, 2019	0.04	0.04	0.04	100.0%

18840520	187	1872	MOORE	13132050	4	Jul 05, 2019	0.01	0.01	0.01	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 05, 2019	0.02	0.02	0.02	100.0%
18840520	96	451	MOORE	13132050	4	Jul 05, 2019	0.58	0.63	0.58	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 05, 2019	0.78	0.85	0.78	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 05, 2019	0.18	0.20	0.18	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 05, 2019	0.80	0.87	0.80	100.0%
18840520	113	585	MOORE	13132050	4	Jul 05, 2019	0.11	0.12	0.11	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 05, 2019	1.60	1.74	1.60	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 05, 2019	0.50	0.54	0.50	100.0%
18840520	263	394	MOORE	13132050	4	Jul 05, 2019	0.22	0.24	0.22	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 05, 2019	0.01	0.01	0.01	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 05, 2019	2.14	2.33	2.14	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 05, 2019	0.38	0.41	0.38	100.0%
18840520	180	470	MOORE	13132050	4	Jul 05, 2019	0.16	0.17	0.16	100.0%
18840520	433	271	MOORE	13132050	4	Jul 05, 2019	0.54	0.59	0.54	100.0%
18840520	242	210	MOORE	13132050	4	Jul 05, 2019	0.21	0.23	0.21	100.0%
18840520	427	1	MOORE	13132050	4	Jul 05, 2019	1.12	1.22	1.12	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.80	0.87	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 05, 2019	0.50	0.50	0.50	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 05, 2019	1.20	1.30	1.20	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 05, 2019	0.54	0.59	0.54	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 05, 2019	0.08	0.09	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 05, 2019	0.09	0.10	0.09	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 05, 2019	1.28	1.39	1.28	100.0%
18840601	263	395	MOORE	13132050	4	Jul 05, 2019	0.08	0.09	0.08	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 05, 2019	0.01	0.01	0.01	100.0%
18840601	96	453	MOORE	13132050	4	Jul 05, 2019	0.21	0.23	0.21	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 05, 2019	0.16	0.17	0.16	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 05, 2019	0.20	0.20	0.20	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 05, 2019	0.40	0.40	0.40	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 05, 2019	0.27	0.27	0.27	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 05, 2019	0.40	0.40	0.40	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 05, 2019	0.20	0.20	0.20	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 05, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 05, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 05, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 05, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 05, 2019	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 05, 2019	1.20	1.30	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jul 05, 2019	0.54	0.59	0.54	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 05, 2019	0.80	0.87	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 05, 2019	0.80	0.87	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jul 05, 2019	0.80	0.87	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 05, 2019	1.20	1.30	1.20	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 05, 2019	0.40	0.43	0.40	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 05, 2019	0.09	0.10	0.09	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 05, 2019	0.20	0.22	0.20	100.0%
18840831	533	421	MOORE	13132050	4	Jul 05, 2019	0.14	0.15	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 05, 2019	0.58	0.63	0.58	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.40	0.43	0.40	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.40	0.43	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.50	0.54	0.50	100.0%
18840831	2431	1799	EASTSIDE FIELD H	13132061	4	Jul 05, 2019	0.13	0.14	0.13	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.44	0.48	0.44	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 05, 2019	1.31	1.42	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 05, 2019	3.20	3.48	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 05, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 05, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jul 05, 2019	1.76	1.91	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 05, 2019	1.25	1.36	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Jul 05, 2019	0.58	0.63	0.58	100.0%
18841012	70	341	MOORE	13132050	4	Jul 05, 2019	0.31	0.34	0.31	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 05, 2019	0.89	0.97	0.89	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 05, 2019	2.78	2.78	2.78	100.0%

18841012	317	1460	SWAUGER	13127600	5	Jul 05, 2019	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 05, 2019	0.74	0.74	0.74	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 05, 2019	0.72	0.72	0.72	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 05, 2019	0.25	0.25	0.25	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 05, 2019	3.30	3.30	3.30	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 05, 2019	0.82	0.82	0.82	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 05, 2019	0.56	0.56	0.56	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 05, 2019	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 05, 2019	1.65	1.65	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jul 05, 2019	0.23	0.23	0.23	100.0%
18850501	426	887	ARCO	13132365	2	Jul 05, 2019	0.64	0.70	0.59	92.0%
18850501	468	59	ARCO	13132365	2	Jul 05, 2019	0.74	0.80	0.68	92.0%
18850501	423	87	ARCO	13132365	2	Jul 05, 2019	0.20	0.22	0.18	92.0%
18850501	423	186	ARCO	13132365	2	Jul 05, 2019	0.26	0.28	0.24	92.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 05, 2019	0.24	0.26	0.24	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jul 05, 2019	2.00	2.17	2.00	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 05, 2019	0.20	0.22	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 05, 2019	1.80	1.96	1.80	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 05, 2019	2.80	2.80	2.80	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	1.40	1.52	1.40	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.20	0.22	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.20	0.22	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jul 05, 2019	0.48	0.52	0.48	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 05, 2019	0.30	0.33	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 05, 2019	0.56	0.61	0.56	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 05, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 05, 2019	0.11	0.11	0.11	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 05, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 05, 2019	1.37	1.37	1.37	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 05, 2019	1.56	1.69	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	2.80	3.04	2.80	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 05, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 05, 2019	0.59	0.64	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 05, 2019	1.20	1.30	1.20	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 05, 2019	1.40	1.40	1.40	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 05, 2019	0.36	0.36	0.36	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 05, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jul 05, 2019	1.16	1.16	1.16	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 05, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 05, 2019	1.54	1.54	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jul 05, 2019	3.60	3.91	3.31	92.0%
18851002	437	62	ARCO	13132365	2	Jul 05, 2019	1.54	1.67	1.42	92.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 05, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 05, 2019	1.60	1.74	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jul 05, 2019	1.20	1.30	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 05, 2019	2.80	3.04	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 05, 2019	2.56	2.78	2.56	100.0%
18860512	96	459	MOORE	13132050	4	Jul 05, 2019	0.48	0.52	0.48	100.0%
18860512	263	398	MOORE	13132050	4	Jul 05, 2019	0.18	0.20	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 05, 2019	0.01	0.01	0.01	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 05, 2019	0.18	0.20	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	1.77	1.92	1.77	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 05, 2019	0.08	0.09	0.08	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 05, 2019	0.20	0.22	0.20	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 05, 2019	2.40	2.61	2.40	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	1.60	1.74	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	1.24	1.35	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	1.00	1.09	1.00	100.0%
18860601	357	1288	BURNETT	13127750	5	Jul 05, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 05, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jul 05, 2019	0.80	0.80	0.80	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.80	0.87	0.80	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.10	0.11	0.10	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	1.00	1.09	1.00	100.0%

18860717	207	1798	DARLINGTON	13127735	5	Jul 05, 2019	0.60	0.60	0.60	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 05, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 05, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 05, 2019	0.52	0.52	0.52	100.0%
18860901	180	2	MUNSEY	13132375	2	Jul 05, 2019	0.84	0.91	0.77	92.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 05, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 05, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 05, 2019	0.34	0.34	0.34	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 05, 2019	3.20	3.48	3.20	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 05, 2019	1.60	1.74	1.60	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 05, 2019	0.76	0.83	0.76	100.0%
18870313	433	683	MOORE	13132050	4	Jul 05, 2019	0.13	0.14	0.13	100.0%
18870313	459	338	MOORE	13132050	4	Jul 05, 2019	0.42	0.46	0.42	100.0%
18870313	70	337	MOORE	13132050	4	Jul 05, 2019	0.23	0.25	0.23	100.0%
18870313	459	682	MOORE	13132050	4	Jul 05, 2019	0.65	0.71	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 05, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 05, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 05, 2019	3.20	3.48	2.94	92.0%
18870601	468	893	ARCO	13132365	2	Jul 05, 2019	1.00	1.09	0.92	92.0%
18870601	423	1028	ARCO	13132365	2	Jul 05, 2019	1.80	1.96	1.66	92.0%
18870601	423	76	ARCO	13132365	2	Jul 05, 2019	0.22	0.24	0.20	92.0%
18870601	305	1351	3IN1	13130605	4	Jul 05, 2019	1.00	1.09	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 05, 2019	3.20	3.48	3.20	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 05, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 05, 2019	0.75	0.75	0.75	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 05, 2019	0.16	0.16	0.16	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 05, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 05, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 05, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jul 05, 2019	0.94	0.94	0.94	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jul 05, 2019	1.46	1.46	1.46	100.0%
18870630	236	1428	BECK	13130525	4	Jul 05, 2019	0.36	0.39	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 05, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jul 05, 2019	0.42	0.46	0.39	92.0%
18870801	623	2203	BURNETT	13127750	5	Jul 05, 2019	0.33	0.33	0.33	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 05, 2019	0.54	0.54	0.54	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 05, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 05, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 05, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jul 05, 2019	0.33	0.36	0.30	92.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	1.50	1.63	1.50	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 05, 2019	0.03	0.03	0.03	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 05, 2019	0.11	0.11	0.11	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 05, 2019	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jul 05, 2019	0.23	0.23	0.23	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jul 05, 2019	0.37	0.37	0.37	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 05, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 05, 2019	0.40	0.43	0.37	92.0%
18880801	279	2125	Anderson	13120745	9	Jul 05, 2019	0.81	0.81	0.81	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 05, 2019	0.64	0.64	0.64	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 05, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 05, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 05, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	KENT	13120605	9	Jul 05, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 05, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 05, 2019	0.83	0.83	0.83	100.0%
18890410	294	1027	DARLINGTON	13127735	5	Jul 05, 2019	0.30	0.30	0.30	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 05, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 05, 2019	0.18	0.20	0.18	100.0%
18890601	441	205	MOORE	13132050	4	Jul 05, 2019	0.97	1.05	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 05, 2019	0.50	0.54	0.50	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 05, 2019	0.70	0.70	0.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 05, 2019	1.20	1.20	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 05, 2019	2.70	2.70	2.70	100.0%

18900601	372	886	ARCO	13132365	2	Jul 05, 2019	0.59	0.64	0.54	92.0%
18900601	426	756	ARCO	13132365	2	Jul 05, 2019	0.57	0.62	0.52	92.0%
18900601	48	1023	MUNSEY	13132375	2	Jul 05, 2019	3.00	3.26	1.32	43.9%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 05, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 05, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 05, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 05, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 05, 2019	0.24	0.24	0.24	100.0%
18910630	205	2065	BECK	13130525	4	Jul 05, 2019	1.25	1.36	1.25	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 05, 2019	0.60	0.65	0.60	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 05, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 05, 2019	0.20	0.22	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jul 05, 2019	0.80	0.87	0.80	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 05, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 05, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 05, 2019	0.30	0.33	0.30	100.0%
18930201	414	1865	MOORE	13132050	4	Jul 05, 2019	0.30	0.33	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jul 05, 2019	0.22	0.24	0.22	100.0%
18930201	158	538	MOORE	13132050	4	Jul 05, 2019	0.03	0.03	0.03	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 05, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	Jul 05, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 05, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	KENT	13120605	9	Jul 05, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 05, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 05, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 05, 2019	0.03	0.03	0.03	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 05, 2019	2.80	2.80	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 05, 2019	0.96	0.96	0.96	100.0%
18940310	357	15	BURNETT	13127750	5	Jul 05, 2019	0.40	0.40	0.40	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 05, 2019	0.40	0.40	0.40	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 05, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 05, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 05, 2019	3.20	3.48	3.20	100.0%
18940601	158	536	MOORE	13132050	4	Jul 05, 2019	0.02	0.02	0.02	100.0%
18940601	417	379	MOORE	13132050	4	Jul 05, 2019	0.15	0.16	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	2.02	2.20	2.02	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 05, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jul 05, 2019	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 05, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 05, 2019	3.20	3.20	3.20	100.0%
18950601	158	534	MOORE	13132050	4	Jul 05, 2019	0.01	0.01	0.01	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 05, 2019	0.80	0.87	0.80	100.0%
18950601	242	212	MOORE	13132050	4	Jul 05, 2019	0.11	0.12	0.11	100.0%
18950601	417	378	MOORE	13132050	4	Jul 05, 2019	0.10	0.11	0.10	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.72	0.78	0.72	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.40	0.43	0.40	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 05, 2019	0.30	0.30	0.30	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 05, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 05, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jul 05, 2019	1.74	1.89	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 05, 2019	1.60	1.60	1.60	100.0%
18960302	309	873	MOORE	13132050	4	Jul 05, 2019	0.25	0.28	0.25	100.0%
18960302	402	872	MOORE	13132050	4	Jul 05, 2019	0.25	0.28	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 05, 2019	3.20	3.20	3.20	100.0%
18960601	459	993	MOORE	13132050	4	Jul 05, 2019	0.40	0.43	0.40	100.0%
18960601	417	992	MOORE	13132050	4	Jul 05, 2019	1.20	1.30	1.20	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 05, 2019	1.56	1.70	1.56	100.0%
18960601	441	207	MOORE	13132050	4	Jul 05, 2019	0.99	1.08	0.99	100.0%
18960601	417	381	MOORE	13132050	4	Jul 05, 2019	2.40	2.61	2.40	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 05, 2019	0.42	0.46	0.42	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 05, 2019	0.48	0.52	0.48	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 05, 2019	0.03	0.03	0.03	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 05, 2019	0.02	0.02	0.02	100.0%
18960601	263	397	MOORE	13132050	4	Jul 05, 2019	0.35	0.38	0.35	100.0%

18960601	263	399	MOORE	13132050	4	Jul 05, 2019	0.27	0.29	0.27	100.0%
18960601	96	461	MOORE	13132050	4	Jul 05, 2019	0.03	0.03	0.03	100.0%
18960601	96	457	MOORE	13132050	4	Jul 05, 2019	0.92	1.00	0.92	100.0%
18960601	533	424	MOORE	13132050	4	Jul 05, 2019	0.06	0.07	0.06	100.0%
18960601	158	540	MOORE	13132050	4	Jul 05, 2019	0.32	0.35	0.32	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 05, 2019	0.23	0.25	0.23	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 05, 2019	2.12	2.30	2.12	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 05, 2019	0.40	0.43	0.40	100.0%
18960601	309	877	MOORE	13132050	4	Jul 05, 2019	0.07	0.07	0.07	100.0%
18960601	402	876	MOORE	13132050	4	Jul 05, 2019	0.07	0.07	0.07	100.0%
18960601	406	65	MOORE	13132050	4	Jul 05, 2019	0.30	0.33	0.30	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 05, 2019	0.40	0.43	0.40	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 05, 2019	0.60	0.65	0.60	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 05, 2019	0.70	0.76	0.70	100.0%
18960601	668	1562	LOWER EASTSIDE &	13132291	4	Jul 05, 2019	0.36	0.39	0.36	100.0%
18960601	2431	1831	EASTSIDE FIELD H	13132061	4	Jul 05, 2019	0.85	0.92	0.85	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 05, 2019	0.41	0.45	0.41	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.04	0.04	0.04	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 05, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 05, 2019	2.00	2.17	2.00	100.0%
18960801	280	1186	SHARP	13126500	6	Jul 05, 2019	0.54	0.54	0.54	100.0%
18960901	437	671	ARCO	13132365	2	Jul 05, 2019	0.13	0.14	0.13	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 05, 2019	4.40	4.78	4.40	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 05, 2019	0.51	0.55	0.51	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 05, 2019	0.03	0.03	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 05, 2019	1.97	2.14	1.97	100.0%
18960928	15	80	MUNSEY	13132375	2	Jul 05, 2019	2.33	2.53	2.33	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 05, 2019	0.75	0.75	0.75	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 05, 2019	6.00	6.00	6.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 05, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 05, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jul 05, 2019	0.22	0.24	0.22	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jul 05, 2019	0.24	0.26	0.24	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 05, 2019	0.13	0.14	0.13	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 05, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jul 05, 2019	1.20	1.20	1.20	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.65	0.71	0.65	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.65	0.71	0.65	100.0%
18980901	268	562	ARCO	13132365	2	Jul 05, 2019	1.57	1.71	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jul 05, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jul 05, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	1.00	1.09	1.00	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 05, 2019	0.01	0.01	0.01	100.0%
18990327	113	584	MOORE	13132050	4	Jul 05, 2019	0.03	0.03	0.03	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 05, 2019	0.21	0.23	0.21	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 05, 2019	0.60	0.65	0.60	100.0%
18990327	180	468	MOORE	13132050	4	Jul 05, 2019	0.05	0.05	0.05	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 05, 2019	0.53	0.58	0.53	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jul 05, 2019	2.80	3.04	2.80	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 05, 2019	0.03	0.03	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 05, 2019	0.03	0.03	0.03	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 05, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 05, 2019	2.74	2.74	2.74	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jul 05, 2019	0.40	0.43	0.40	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 05, 2019	0.57	0.57	0.57	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 05, 2019	0.46	0.46	0.46	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 05, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 05, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 05, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.20	0.22	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jul 05, 2019	0.15	0.16	0.15	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jul 05, 2019	0.30	0.30	0.30	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 05, 2019	3.20	3.20	3.20	100.0%

19010901	70	339	MOORE	13132050	4	Jul 05, 2019	0.12	0.13	0.12	100.0%
19010901	459	340	MOORE	13132050	4	Jul 05, 2019	0.23	0.25	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jul 05, 2019	0.35	0.38	0.35	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 05, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jul 05, 2019	0.12	0.13	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jul 05, 2019	1.31	1.42	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 05, 2019	2.60	2.60	2.60	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.20	0.22	0.20	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.20	0.22	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 05, 2019	0.31	0.33	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.44	0.48	0.44	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 05, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 05, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 05, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 05, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 05, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 05, 2019	1.40	1.40	1.40	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 05, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 05, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 05, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 05, 2019	2.70	2.94	2.70	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 05, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 05, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 05, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 05, 2019	1.35	1.35	1.35	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 05, 2019	1.08	1.08	1.08	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 05, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 05, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 05, 2019	0.24	0.24	0.24	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jul 05, 2019	1.40	1.40	1.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 05, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jul 05, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 05, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 05, 2019	1.56	1.70	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jul 05, 2019	0.42	0.42	0.42	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jul 05, 2019	0.34	0.34	0.34	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jul 05, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 05, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 05, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 05, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 05, 2019	0.13	0.13	0.13	100.0%
19050501	59	2145	KENT	13120605	9	Jul 05, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 05, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	KENT	13120605	9	Jul 05, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jul 05, 2019	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jul 05, 2019	0.02	0.02	0.02	100.0%
19050501	59	784	BITTON	13120735	9	Jul 05, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 05, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 05, 2019	0.45	0.45	0.45	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 05, 2019	0.34	0.34	0.34	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 05, 2019	0.27	0.27	0.27	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 05, 2019	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 05, 2019	1.30	1.30	1.30	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jul 05, 2019	0.27	0.27	0.27	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 05, 2019	0.82	0.82	0.82	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 05, 2019	0.30	0.30	0.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 05, 2019	0.10	0.10	0.10	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 05, 2019	3.00	3.00	3.00	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 05, 2019	0.40	0.40	0.40	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 05, 2019	0.06	0.06	0.06	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 05, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 05, 2019	0.20	0.20	0.20	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 05, 2019	0.07	0.07	0.07	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 05, 2019	1.78	1.78	1.78	100.0%

19060501	185	392	3IN1	13130605	4	Jul 05, 2019	0.19	0.21	0.19	100.0%
19061001	2431	1855	EASTSIDE FIELD H	13132061	4	Jul 05, 2019	0.02	0.02	0.02	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 05, 2019	0.42	0.42	0.42	99.5%
19070711	2610	2094	KENT	13120605	9	Jul 05, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	KENT	13120605	9	Jul 05, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	Jul 05, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	BITTON	13120735	9	Jul 05, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	BITTON	13120735	9	Jul 05, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	BITTON	13120735	9	Jul 05, 2019	0.03	0.03	0.03	100.0%
19081207	459	1080	MOORE	13132050	4	Jul 05, 2019	0.50	0.54	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jul 05, 2019	0.33	0.36	0.33	100.0%
19081207	70	343	MOORE	13132050	4	Jul 05, 2019	0.17	0.18	0.17	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 05, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 05, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jul 05, 2019	2.40	2.40	2.40	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 05, 2019	0.75	0.75	0.75	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 05, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 05, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 05, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 05, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 05, 2019	0.30	0.30	0.30	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 05, 2019	1.30	1.30	1.30	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.02	0.02	0.02	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jul 05, 2019	0.13	0.14	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 05, 2019	1.60	1.60	1.60	100.0%
19140103	59	1361	KENT	13120605	9	Jul 05, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	KENT	13120605	9	Jul 05, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	BITTON	13120735	9	Jul 05, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 05, 2019	0.69	0.69	0.69	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 05, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 05, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 05, 2019	0.80	0.80	0.80	100.0%
19150504	373	434	CHILLY	13121105	9	Jul 05, 2019	0.22	0.22	0.22	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 05, 2019	0.12	0.12	0.12	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 05, 2019	0.10	0.10	0.10	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jul 05, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 05, 2019	0.90	0.90	0.90	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 05, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 05, 2019	0.85	0.85	0.85	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 05, 2019	0.68	0.68	0.68	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jul 05, 2019	0.67	0.67	0.67	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 05, 2019	0.16	0.16	0.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 05, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jul 05, 2019	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	Jul 05, 2019	0.01	0.01	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	Jul 05, 2019	0.79	0.86	0.79	100.0%
19240806	417	695	MOORE	13132050	4	Jul 05, 2019	0.50	0.54	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jul 05, 2019	0.44	0.48	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jul 05, 2019	0.11	0.12	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jul 05, 2019	4.90	5.33	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jul 05, 2019	0.02	0.02	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jul 05, 2019	4.40	4.78	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 05, 2019	16.00	17.39	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jul 05, 2019	1.34	1.46	1.34	100.0%
19810501	566	1684	MOORE	13132050	4	Jul 05, 2019	0.82	0.89	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jul 05, 2019	8.06	8.76	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jul 05, 2019	49.26	53.55	49.26	100.0%
19950411	476	1273	ARCO	13132365	2	Jul 05, 2019	15.28	16.61	15.28	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jul 05, 2019	5.58	6.07	5.58	100.0%
19950411	476	1273	BECK	13130525	4	Jul 05, 2019	1.40	1.52	1.40	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jul 05, 2019	11.48	11.48	11.48	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jul 05, 2019	30.58	30.58	30.58	100.0%
19950411	476	1273	BURNETT	13127750	5	Jul 05, 2019	49.48	49.48	49.48	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jul 05, 2019	16.00	16.00	16.00	100.0%

19950411	476	1273	SHARP	13126500	6	Jul 05, 2019	3.90	3.90	3.90	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jul 05, 2019	3.27	3.27	3.27	100.0%
19950411	476	1273	CHILLY	13121105	9	Jul 05, 2019	5.60	5.60	5.60	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jul 05, 2019	9969.40	9969.40	301.55	3.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 6, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 6	741.0	3.5	0.0	744.5	0.00	744.5	3.5	0.0	0.0	741.0	0.0	0.0
9	Howell to Chilly	Jul 6	563.0	115.6	0.0	-62.4	0.08	682.1	108.0	7.6	0.0	570.6	-7.6	0.0
8	Chilly to Reservoir	* Jul 6	665.4	65.4	0.0	167.9	0.00	850.0	59.7	5.7	0.0	678.8	-13.4	0.0
	Connected													
7	Mackay Reservoir	* Jul 6	642.5	0.0	0.0	0.0	0.00	922.8	274.0		0.0	404.7	237.8	0.0
6	Reservoir to 2B	Jul 6	631.0	11.5	0.0	0.0	0.00	850.0	11.4	0.1	0.0	393.3	237.7	0.0
5	2B to Leslie	Jul 6	507.0	196.8	0.0	72.8	0.00	922.8	184.5	12.3	0.0	281.6	225.4	0.0
4	Leslie to Moore	Jul 6	176.1	299.2	0.0	-31.7	0.06	922.8	197.3	101.9	0.0	66.7	109.4	0.0
2	Moore to blw Munsey	Jul 6	83.5	96.0	0.0	3.4	0.00	926.1	70.1	25.9	0.0	0.0	83.5	0.0
1	Blw Munsey to Arco	Jul 6	107.0	0.0	0.0	23.5	0.00	949.6	0.0	0.0	0.0	23.5	83.5	0.0
								TOTAL	908.5	153.5	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 6	0.0	0.0		20180101	3%
9	Howell to Chilly	Jul 6	0.0	0.0		20180101	3%
8	Chilly to Reservoir	Jul 6	0.0	0.0		20180101	3%
	Connected						
7	Mackay Reservoir	Jul 6	0.0	0.0		20180101	3%
6	Reservoir to 2B	Jul 6	0.0	0.0		20180101	3%
5	2B to Leslie	Jul 6	0.0	0.0		20180101	3%
4	Leslie to Moore	Jul 6	17.6	14.1		20180101	3%
2	Moore to blw Munsey	Jul 6	0.0	0.0		20180101	3%
1	Blw Munsey to Arco	Jul 6	0.0	0.0		20180101	3%
		TOTAL	17.6	14.1	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	425.3
2	18810630	1.7	294.0	225.9
3	18880601	3.2	556.5	425.3
4	18960601	6.4	1113.0	850.5
5	19020301	0.8	140.0	106.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	68198.6
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	114082.9

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44380.0	44400.0	20.0	10.1	12.8

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	70231.9
Total Storage Loss	-38881.6
Total Storage Deliver	-14794.9
Total Evaporation	-1026.4
Accounting Balance	44399.0
Current Res Content	44400.0
Storage Balance Error	-1.0

DAILY STORAGE BALANCE

```
 44380.0 Reservoir Content Previous Day [ac-ft]
 44400.0 Reservoir Content Current Day [ac-ft]
    20.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------
           543.6 Storage Allocated to Mackay Reservoir [ac-ft]

          -193.6 Stored Flow Losses [ac-ft]
                 0.0 2B to Leslie [cfs]
               -14.1 Leslie to Moore [cfs]
                 0.0 Moore blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
               -83.5 Past Arco Gage [cfs]

          -304.5 Storage Delivered [ac-ft]
                13.3 Above Reservoir [cfs]
                 0.1 Reservoir to 2B [cfs]
                12.3 2B to Leslie [cfs]
               101.9 Leslie to Moore [cfs]
                25.9 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

           -25.4 Evaporation [ac-ft]

    20.1 Accounting Change in Storage [ac-ft]
-------------------------------------------------------
     0.1 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   665.4 Gain in/above Mackay Reservoir [cfs]
    72.8 Gain in Reach 5: 2-B to Leslie [cfs]
     0.0 Gain in Reach 4: Leslie to Moore [cfs]
     3.4 Gain in Reach 2: Moore to Munsey [cfs]
    23.5 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------
   765.1 Total Available Natural Flow [cfs]
-------------------------------------------------------
           274.0 Reservoir Rights Diverted [cfs]

            41.1 Natural Flow Losses below Reservoir [cfs]
                  0.0 2B to Leslie [cfs]
                 17.6 Leslie to Moore [cfs]
                  0.0 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]
                 23.5 Natural Flow Past Arco Gage [cfs]

           450.0 Natural Flow Delivered [cfs]
                -13.3 Above Reservoir Storage Use [cfs]
                 11.4 Reservoir to 2B [cfs]
                184.5 2B to Leslie [cfs]
                197.3 Leslie to Moore [cfs]
                 70.1 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]

   765.1 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------
     0.0 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.9	445
Eastside Felton Wier +	62.6	3130
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	71.5	3575
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.8	38
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.7	135
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	84.7	4234
Island Babcock Delivery +	0.9	45
Island Felton Farms Delivery +	2.0	100
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	4.4	218
Island Wanstrom David +	0.0	0
Eastside OUT	47.0	2350
Total Out	145.2	7260

Abbreviated Reach Delivery Factor Total Out Divided By Total In	2.03

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 332.7%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 47.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 14.1 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 73.9%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 19.1 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 114.9 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 190.1%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 245.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 6, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.5	0.0	0.3	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.6	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.5	0.1	17.6
9	BITTON	5.5	0.0	0.3	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	5.0	0.0	47.2	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	30.6	3.3	296.4
9	Thalman Hunter D	4.0	0.0	39.2	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	58.2	1.1	733.6
9	NEILSEN	42.9	4.6	439.2	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	92.0	8.0	1319.1
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	41.0	0.0	0.0	8	Broken River Pum	4.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	5.0	3.0	6.0	8	Freeman 3	0.0	0.0	0.0	4	BECK	16.4	8.4	581.3
8	Mtn. Springs 3	5.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	5.0	5.0	392.7
8	Donahue 1	0.8	0.7	102.2	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	7.2
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	230.1
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	144.9	11.9	2724.8
8	Mtn. Springs 1	5.0	5.0	473.9	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	114.9	77.4	6952.6
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	42.0	18.0	898.5
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	54.0	9.6	321.7
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	3.5	457.2	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 06, 2019	3.20	3.20	3.20	100.0%
18750601	483	12	LONGHURST	13121505	9	Jul 06, 2019	2.00	2.00	2.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 06, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 06, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 06, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 06, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 06, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 06, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 06, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 06, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 06, 2019	1.20	1.20	1.20	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 06, 2019	1.54	1.64	1.54	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 06, 2019	0.27	0.29	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 06, 2019	0.79	0.84	0.79	100.0%
18830601	221	855	MOORE	13132050	4	Jul 06, 2019	1.60	1.71	1.60	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 06, 2019	1.13	1.21	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 06, 2019	1.72	1.83	1.72	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 06, 2019	0.18	0.19	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jul 06, 2019	0.48	0.51	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jul 06, 2019	0.18	0.19	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 06, 2019	0.01	0.01	0.01	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.21	0.23	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.43	0.46	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.21	0.23	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 06, 2019	1.64	1.75	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 06, 2019	0.14	0.15	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 06, 2019	1.50	1.50	1.50	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 06, 2019	0.07	0.07	0.07	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 06, 2019	0.96	0.96	0.96	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 06, 2019	2.17	2.17	2.17	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 06, 2019	0.14	0.14	0.14	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 06, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 06, 2019	0.55	0.55	0.55	100.0%
18840422	294	1421	DARLINGTON	13127735	5	Jul 06, 2019	0.03	0.03	0.03	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 06, 2019	0.20	0.20	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 06, 2019	1.44	1.44	1.44	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 06, 2019	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 06, 2019	1.92	1.92	1.92	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 06, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 06, 2019	0.79	0.79	0.79	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 06, 2019	0.50	0.50	0.50	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 06, 2019	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	Jul 06, 2019	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 06, 2019	0.64	0.64	0.64	100.0%
18840422	284	228	SHARP	13126500	6	Jul 06, 2019	0.13	0.13	0.13	100.0%
18840422	347	938	SHARP	13126500	6	Jul 06, 2019	2.50	2.50	2.50	100.0%
18840430	141	1365	BECK	13130525	4	Jul 06, 2019	1.00	1.07	1.00	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 06, 2019	0.40	0.40	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 06, 2019	0.80	0.80	0.80	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 06, 2019	0.80	0.80	0.80	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 06, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 06, 2019	0.22	0.22	0.22	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 06, 2019	0.18	0.19	0.18	100.0%
18840520	427	1	MOORE	13132050	4	Jul 06, 2019	1.12	1.19	1.12	100.0%
18840520	433	271	MOORE	13132050	4	Jul 06, 2019	0.54	0.58	0.54	100.0%
18840520	96	451	MOORE	13132050	4	Jul 06, 2019	0.58	0.62	0.58	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 06, 2019	2.14	2.28	2.14	100.0%
18840520	113	585	MOORE	13132050	4	Jul 06, 2019	0.11	0.12	0.11	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 06, 2019	0.02	0.02	0.02	100.0%

18840520	85	1584	MOORE	13132050	4	Jul 06, 2019	0.22	0.23	0.22	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 06, 2019	0.78	0.83	0.78	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 06, 2019	0.38	0.41	0.38	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 06, 2019	0.01	0.01	0.01	100.0%
18840520	242	210	MOORE	13132050	4	Jul 06, 2019	0.21	0.22	0.21	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 06, 2019	2.24	2.39	2.24	100.0%
18840520	263	394	MOORE	13132050	4	Jul 06, 2019	0.22	0.23	0.22	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 06, 2019	0.50	0.53	0.50	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 06, 2019	0.04	0.04	0.04	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 06, 2019	0.80	0.85	0.80	100.0%
18840520	180	470	MOORE	13132050	4	Jul 06, 2019	0.16	0.17	0.16	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 06, 2019	1.60	1.71	1.60	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 06, 2019	0.01	0.01	0.01	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.80	0.85	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 06, 2019	0.50	0.50	0.50	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 06, 2019	0.09	0.10	0.09	100.0%
18840601	96	453	MOORE	13132050	4	Jul 06, 2019	0.21	0.22	0.21	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 06, 2019	0.54	0.58	0.54	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 06, 2019	0.01	0.01	0.01	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 06, 2019	1.20	1.28	1.20	100.0%
18840601	263	395	MOORE	13132050	4	Jul 06, 2019	0.08	0.09	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 06, 2019	1.28	1.37	1.28	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 06, 2019	0.08	0.09	0.08	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 06, 2019	0.16	0.17	0.16	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 06, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 06, 2019	0.27	0.27	0.27	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 06, 2019	0.80	0.80	0.80	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 06, 2019	0.20	0.20	0.20	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 06, 2019	0.40	0.40	0.40	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 06, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 06, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 06, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 06, 2019	0.40	0.40	0.40	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 06, 2019	1.20	1.28	1.20	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 06, 2019	1.20	1.28	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 06, 2019	0.80	0.85	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 06, 2019	0.54	0.58	0.54	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 06, 2019	0.80	0.85	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jul 06, 2019	0.80	0.85	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 06, 2019	0.40	0.43	0.40	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 06, 2019	0.09	0.10	0.09	100.0%
18840831	533	421	MOORE	13132050	4	Jul 06, 2019	0.14	0.15	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 06, 2019	0.58	0.62	0.58	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 06, 2019	0.20	0.21	0.20	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.40	0.43	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.44	0.47	0.44	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 06, 2019	1.31	1.40	1.31	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.50	0.53	0.50	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.40	0.43	0.40	100.0%
18840831	2431	1799	EASTSIDE FIELD H	13132061	4	Jul 06, 2019	0.13	0.14	0.13	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 06, 2019	3.20	3.41	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 06, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 06, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jul 06, 2019	1.76	1.88	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 06, 2019	1.25	1.33	1.25	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 06, 2019	0.89	0.95	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Jul 06, 2019	0.58	0.62	0.58	100.0%
18841012	70	341	MOORE	13132050	4	Jul 06, 2019	0.31	0.33	0.31	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 06, 2019	2.78	2.78	2.78	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 06, 2019	0.72	0.72	0.72	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 06, 2019	2.77	2.77	2.77	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 06, 2019	3.30	3.30	3.30	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 06, 2019	0.74	0.74	0.74	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 06, 2019	0.40	0.40	0.40	100.0%

18841012	347	1974	SHARP	13126500	6	Jul 06, 2019	0.66	0.66	0.66	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 06, 2019	0.24	0.24	0.24	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 06, 2019	1.65	1.65	1.65	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 06, 2019	0.56	0.56	0.56	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 06, 2019	2.00	2.00	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jul 06, 2019	0.23	0.23	0.23	100.0%
18850501	426	887	ARCO	13132365	2	Jul 06, 2019	0.64	0.68	0.60	93.7%
18850501	423	186	ARCO	13132365	2	Jul 06, 2019	0.26	0.28	0.24	93.7%
18850501	468	59	ARCO	13132365	2	Jul 06, 2019	0.74	0.79	0.69	93.7%
18850501	423	87	ARCO	13132365	2	Jul 06, 2019	0.20	0.21	0.19	93.7%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 06, 2019	0.20	0.21	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 06, 2019	0.24	0.26	0.24	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 06, 2019	1.80	1.92	1.80	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jul 06, 2019	2.00	2.13	2.00	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 06, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.20	0.21	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	1.40	1.49	1.40	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.20	0.21	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jul 06, 2019	0.48	0.51	0.48	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 06, 2019	0.30	0.32	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 06, 2019	0.56	0.60	0.56	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 06, 2019	0.11	0.11	0.11	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 06, 2019	1.37	1.37	1.37	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 06, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 06, 2019	0.19	0.19	0.19	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 06, 2019	1.56	1.66	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	2.80	2.99	2.80	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 06, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 06, 2019	0.59	0.63	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 06, 2019	1.20	1.28	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 06, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 06, 2019	1.40	1.40	1.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 06, 2019	1.54	1.54	1.54	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 06, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 06, 2019	1.54	1.54	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jul 06, 2019	3.60	3.84	3.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 06, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 06, 2019	1.60	1.71	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 06, 2019	2.80	2.99	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jul 06, 2019	1.20	1.28	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 06, 2019	2.56	2.73	2.56	100.0%
18860512	96	459	MOORE	13132050	4	Jul 06, 2019	0.48	0.51	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 06, 2019	0.18	0.19	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 06, 2019	0.01	0.01	0.01	100.0%
18860512	263	398	MOORE	13132050	4	Jul 06, 2019	0.18	0.19	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	1.77	1.89	1.77	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 06, 2019	0.08	0.09	0.08	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 06, 2019	2.40	2.56	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 06, 2019	0.20	0.21	0.20	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	1.60	1.71	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	1.24	1.32	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	1.00	1.07	1.00	100.0%
18860601	357	1288	BURNETT	13127750	5	Jul 06, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 06, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jul 06, 2019	0.80	0.80	0.80	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.10	0.11	0.10	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	1.00	1.07	1.00	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.80	0.85	0.80	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 06, 2019	0.60	0.60	0.60	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 06, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 06, 2019	0.52	0.52	0.52	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 06, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jul 06, 2019	0.84	0.90	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 06, 2019	3.20	3.20	3.20	100.0%

18860914	490	1795	BURNETT	13127750	5	Jul 06, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 06, 2019	0.34	0.34	0.34	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 06, 2019	1.60	1.71	1.60	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 06, 2019	3.20	3.41	3.20	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 06, 2019	0.76	0.81	0.76	100.0%
18870313	459	338	MOORE	13132050	4	Jul 06, 2019	0.42	0.45	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jul 06, 2019	0.65	0.69	0.65	100.0%
18870313	70	337	MOORE	13132050	4	Jul 06, 2019	0.23	0.25	0.23	100.0%
18870313	433	683	MOORE	13132050	4	Jul 06, 2019	0.13	0.14	0.13	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 06, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 06, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 06, 2019	3.20	3.41	3.20	100.0%
18870601	468	893	ARCO	13132365	2	Jul 06, 2019	1.00	1.07	1.00	100.0%
18870601	423	76	ARCO	13132365	2	Jul 06, 2019	0.22	0.23	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 06, 2019	1.80	1.92	1.80	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 06, 2019	1.00	1.07	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 06, 2019	3.20	3.41	3.20	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 06, 2019	0.25	0.25	0.25	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 06, 2019	0.16	0.16	0.16	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 06, 2019	0.75	0.75	0.75	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 06, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 06, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 06, 2019	0.80	0.80	0.80	100.0%
18870630	236	1428	BECK	13130525	4	Jul 06, 2019	0.36	0.38	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 06, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jul 06, 2019	0.42	0.45	0.42	100.0%
18870801	623	2203	BURNETT	13127750	5	Jul 06, 2019	0.33	0.33	0.33	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 06, 2019	0.54	0.54	0.54	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 06, 2019	0.43	0.43	0.43	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 06, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 06, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jul 06, 2019	0.33	0.35	0.33	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	1.50	1.60	1.50	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 06, 2019	0.50	0.50	0.50	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 06, 2019	0.84	0.84	0.84	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 06, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 06, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 06, 2019	0.40	0.43	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 06, 2019	0.81	0.81	0.81	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 06, 2019	0.64	0.64	0.64	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 06, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 06, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 06, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	KENT	13120605	9	Jul 06, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 06, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 06, 2019	0.83	0.83	0.83	100.0%
18890410	294	1027	DARLINGTON	13127735	5	Jul 06, 2019	0.30	0.30	0.30	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 06, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 06, 2019	0.18	0.19	0.18	100.0%
18890601	441	205	MOORE	13132050	4	Jul 06, 2019	0.97	1.03	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 06, 2019	0.50	0.53	0.50	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 06, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 06, 2019	0.70	0.70	0.70	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 06, 2019	2.70	2.70	2.70	100.0%
18900601	426	756	ARCO	13132365	2	Jul 06, 2019	0.57	0.61	0.57	100.0%
18900601	372	886	ARCO	13132365	2	Jul 06, 2019	0.59	0.63	0.59	100.0%
18900601	48	1023	MUNSEY	13132375	2	Jul 06, 2019	3.00	3.20	3.00	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 06, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 06, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 06, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 06, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 06, 2019	1.76	1.76	1.76	100.0%
18910630	205	2065	BECK	13130525	4	Jul 06, 2019	1.25	1.33	1.25	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 06, 2019	0.60	0.64	0.60	100.0%

18910801	307	77	CHILLY	13121105	9	Jul 06, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 06, 2019	0.20	0.21	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jul 06, 2019	0.80	0.85	0.80	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 06, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 06, 2019	1.45	1.45	1.45	100.0%
18930201	414	1865	MOORE	13132050	4	Jul 06, 2019	0.30	0.32	0.30	100.0%
18930201	158	538	MOORE	13132050	4	Jul 06, 2019	0.03	0.03	0.03	100.0%
18930201	417	380	MOORE	13132050	4	Jul 06, 2019	0.22	0.23	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 06, 2019	0.30	0.32	0.30	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 06, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	Jul 06, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 06, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	KENT	13120605	9	Jul 06, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 06, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 06, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 06, 2019	0.58	0.58	0.58	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 06, 2019	2.80	2.80	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	Jul 06, 2019	0.40	0.40	0.40	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 06, 2019	0.96	0.96	0.96	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 06, 2019	0.40	0.40	0.40	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 06, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 06, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 06, 2019	3.20	3.41	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jul 06, 2019	0.15	0.16	0.15	100.0%
18940601	158	536	MOORE	13132050	4	Jul 06, 2019	0.02	0.02	0.02	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	2.02	2.15	2.02	100.0%
18940601	284	229	SHARP	13126500	6	Jul 06, 2019	0.15	0.15	0.15	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 06, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 06, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 06, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jul 06, 2019	0.10	0.11	0.10	100.0%
18950601	158	534	MOORE	13132050	4	Jul 06, 2019	0.01	0.01	0.01	100.0%
18950601	242	212	MOORE	13132050	4	Jul 06, 2019	0.11	0.12	0.11	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 06, 2019	0.80	0.85	0.80	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.40	0.43	0.40	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.72	0.77	0.72	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 06, 2019	0.30	0.30	0.30	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 06, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 06, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jul 06, 2019	1.74	1.86	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 06, 2019	1.60	1.60	1.60	100.0%
18960302	309	873	MOORE	13132050	4	Jul 06, 2019	0.25	0.27	0.25	100.0%
18960302	402	872	MOORE	13132050	4	Jul 06, 2019	0.25	0.27	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 06, 2019	3.20	3.20	3.20	100.0%
18960601	158	540	MOORE	13132050	4	Jul 06, 2019	0.32	0.34	0.32	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 06, 2019	2.12	2.26	2.12	100.0%
18960601	417	381	MOORE	13132050	4	Jul 06, 2019	2.40	2.56	2.40	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 06, 2019	0.42	0.45	0.42	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 06, 2019	0.40	0.43	0.40	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 06, 2019	0.23	0.25	0.23	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 06, 2019	0.48	0.51	0.48	100.0%
18960601	96	461	MOORE	13132050	4	Jul 06, 2019	0.03	0.03	0.03	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 06, 2019	0.60	0.64	0.60	100.0%
18960601	263	399	MOORE	13132050	4	Jul 06, 2019	0.27	0.29	0.27	100.0%
18960601	263	397	MOORE	13132050	4	Jul 06, 2019	0.35	0.37	0.35	100.0%
18960601	441	207	MOORE	13132050	4	Jul 06, 2019	0.99	1.06	0.99	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 06, 2019	1.56	1.66	1.56	100.0%
18960601	96	457	MOORE	13132050	4	Jul 06, 2019	0.92	0.98	0.92	100.0%
18960601	406	65	MOORE	13132050	4	Jul 06, 2019	0.30	0.32	0.30	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 06, 2019	0.03	0.03	0.03	100.0%
18960601	417	992	MOORE	13132050	4	Jul 06, 2019	1.20	1.28	1.20	100.0%
18960601	402	876	MOORE	13132050	4	Jul 06, 2019	0.07	0.07	0.07	100.0%
18960601	459	993	MOORE	13132050	4	Jul 06, 2019	0.40	0.43	0.40	100.0%
18960601	533	424	MOORE	13132050	4	Jul 06, 2019	0.06	0.06	0.06	100.0%

18960601	309	877	MOORE	13132050	4	Jul 06, 2019	0.07	0.07	0.07	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 06, 2019	0.40	0.43	0.40	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 06, 2019	0.02	0.02	0.02	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.04	0.04	0.04	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 06, 2019	0.70	0.75	0.70	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 06, 2019	0.41	0.44	0.41	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.04	0.04	0.04	100.0%
18960601	2431	1831	EASTSIDE FIELD H	13132061	4	Jul 06, 2019	0.85	0.91	0.85	100.0%
18960601	668	1562	LOWER EASTSIDE &	13132291	4	Jul 06, 2019	0.36	0.38	0.36	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 06, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 06, 2019	2.00	2.13	2.00	100.0%
18960901	437	671	ARCO	13132365	2	Jul 06, 2019	0.13	0.14	0.13	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 06, 2019	0.51	0.54	0.51	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 06, 2019	4.40	4.69	4.40	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 06, 2019	1.97	2.10	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 06, 2019	0.03	0.03	0.03	100.0%
18960928	15	80	MUNSEY	13132375	2	Jul 06, 2019	2.33	2.49	2.33	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 06, 2019	0.15	0.15	0.15	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 06, 2019	6.00	6.00	6.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 06, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 06, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jul 06, 2019	0.22	0.23	0.22	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 06, 2019	0.13	0.14	0.13	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jul 06, 2019	0.24	0.26	0.24	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 06, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jul 06, 2019	1.20	1.20	1.20	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.65	0.69	0.65	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.65	0.69	0.65	100.0%
18980901	268	562	ARCO	13132365	2	Jul 06, 2019	1.57	1.67	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jul 06, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jul 06, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	1.00	1.07	1.00	100.0%
18990327	180	468	MOORE	13132050	4	Jul 06, 2019	0.05	0.05	0.05	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 06, 2019	0.01	0.01	0.01	100.0%
18990327	113	584	MOORE	13132050	4	Jul 06, 2019	0.03	0.03	0.03	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 06, 2019	0.53	0.57	0.53	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 06, 2019	0.21	0.22	0.21	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 06, 2019	0.60	0.64	0.60	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jul 06, 2019	2.80	2.99	2.80	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 06, 2019	0.03	0.03	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 06, 2019	0.03	0.03	0.03	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 06, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 06, 2019	2.74	2.74	2.74	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jul 06, 2019	0.40	0.43	0.40	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 06, 2019	0.57	0.57	0.57	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 06, 2019	0.46	0.46	0.46	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 06, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 06, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 06, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.20	0.21	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jul 06, 2019	0.15	0.15	0.15	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jul 06, 2019	0.30	0.30	0.30	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 06, 2019	3.20	3.20	3.20	100.0%
19010901	70	339	MOORE	13132050	4	Jul 06, 2019	0.12	0.13	0.12	100.0%
19010901	459	684	MOORE	13132050	4	Jul 06, 2019	0.35	0.37	0.35	100.0%
19010901	459	340	MOORE	13132050	4	Jul 06, 2019	0.23	0.25	0.23	100.0%
19011001	263	396	MOORE	13132050	4	Jul 06, 2019	0.12	0.13	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 06, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	Jul 06, 2019	1.31	1.40	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 06, 2019	2.60	2.60	2.60	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.20	0.21	0.20	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.20	0.21	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 06, 2019	0.31	0.33	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.44	0.47	0.44	100.0%

19020301	56	1996	MACKAY DAM	13126000	7	Jul 06, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 06, 2019	0.90	0.90	0.90	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 06, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 06, 2019	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 06, 2019	1.40	1.40	1.40	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 06, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 06, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 06, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 06, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 06, 2019	2.70	2.88	2.70	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 06, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 06, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 06, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 06, 2019	1.35	1.35	1.35	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 06, 2019	1.08	1.08	1.08	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 06, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 06, 2019	0.24	0.24	0.24	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 06, 2019	0.49	0.49	0.49	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jul 06, 2019	1.40	1.40	1.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 06, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jul 06, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 06, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 06, 2019	1.56	1.66	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jul 06, 2019	0.42	0.42	0.42	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jul 06, 2019	0.34	0.34	0.34	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jul 06, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 06, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 06, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 06, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 06, 2019	0.13	0.13	0.13	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 06, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	KENT	13120605	9	Jul 06, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	KENT	13120605	9	Jul 06, 2019	0.45	0.45	0.45	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jul 06, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jul 06, 2019	0.62	0.62	0.62	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 06, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	BITTON	13120735	9	Jul 06, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 06, 2019	0.45	0.45	0.45	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 06, 2019	0.34	0.34	0.34	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 06, 2019	0.27	0.27	0.27	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jul 06, 2019	0.27	0.27	0.27	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 06, 2019	0.30	0.30	0.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 06, 2019	0.65	0.65	0.65	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 06, 2019	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 06, 2019	1.30	1.30	1.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 06, 2019	0.10	0.10	0.10	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 06, 2019	0.06	0.06	0.06	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 06, 2019	3.00	3.00	3.00	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 06, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 06, 2019	0.07	0.07	0.07	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 06, 2019	0.20	0.20	0.20	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 06, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 06, 2019	1.28	1.28	1.28	100.0%
19060501	185	392	3IN1	13130605	4	Jul 06, 2019	0.19	0.20	0.19	100.0%
19061001	2431	1855	EASTSIDE FIELD H	13132061	4	Jul 06, 2019	0.16	0.17	0.16	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 06, 2019	0.42	0.42	0.42	99.5%
19070711	59	2146	KENT	13120605	9	Jul 06, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	Jul 06, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	KENT	13120605	9	Jul 06, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	BITTON	13120735	9	Jul 06, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	BITTON	13120735	9	Jul 06, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jul 06, 2019	0.53	0.53	0.53	100.0%
19081207	459	1080	MOORE	13132050	4	Jul 06, 2019	0.50	0.53	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jul 06, 2019	0.17	0.18	0.17	100.0%

19081207	459	344	MOORE	13132050	4	Jul 06, 2019	0.33	0.35	0.33	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 06, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 06, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jul 06, 2019	2.40	2.40	2.40	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 06, 2019	0.75	0.75	0.75	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 06, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 06, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 06, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 06, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 06, 2019	1.30	1.30	1.30	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 06, 2019	0.30	0.30	0.30	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.02	0.02	0.02	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jul 06, 2019	0.13	0.14	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 06, 2019	1.60	1.60	1.60	100.0%
19140103	59	1361	KENT	13120605	9	Jul 06, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	KENT	13120605	9	Jul 06, 2019	0.69	0.69	0.69	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 06, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	BITTON	13120735	9	Jul 06, 2019	0.04	0.04	0.04	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 06, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 06, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 06, 2019	0.18	0.18	0.18	100.0%
19150504	373	434	CHILLY	13121105	9	Jul 06, 2019	0.22	0.22	0.22	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 06, 2019	0.12	0.12	0.12	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 06, 2019	0.10	0.10	0.10	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jul 06, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 06, 2019	0.90	0.90	0.90	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 06, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 06, 2019	0.85	0.85	0.85	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 06, 2019	0.68	0.68	0.68	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jul 06, 2019	0.67	0.67	0.67	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 06, 2019	0.16	0.16	0.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 06, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jul 06, 2019	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	Jul 06, 2019	0.79	0.84	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	Jul 06, 2019	0.01	0.01	0.01	100.0%
19240806	417	695	MOORE	13132050	4	Jul 06, 2019	0.50	0.53	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jul 06, 2019	0.44	0.47	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jul 06, 2019	0.11	0.12	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jul 06, 2019	4.90	5.23	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jul 06, 2019	0.02	0.02	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jul 06, 2019	4.40	4.69	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 06, 2019	16.00	17.07	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jul 06, 2019	1.34	1.43	1.34	100.0%
19810501	566	1684	MOORE	13132050	4	Jul 06, 2019	0.82	0.87	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jul 06, 2019	8.06	8.60	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jul 06, 2019	49.26	52.55	49.26	100.0%
19950411	476	1273	ARCO	13132365	2	Jul 06, 2019	7.40	7.89	7.40	100.0%
19950411	476	1273	BECK	13130525	4	Jul 06, 2019	1.40	1.49	1.40	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jul 06, 2019	13.84	13.84	13.84	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jul 06, 2019	30.88	30.88	30.88	100.0%
19950411	476	1273	BURNETT	13127750	5	Jul 06, 2019	51.08	51.08	51.08	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jul 06, 2019	16.00	16.00	16.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jul 06, 2019	6.20	6.20	6.20	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jul 06, 2019	3.27	3.27	3.27	100.0%
19950411	476	1273	CHILLY	13121105	9	Jul 06, 2019	5.60	5.60	5.60	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jul 06, 2019	9969.40	9969.40	258.74	2.6%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 7, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 7	767.0	3.5	0.0	770.5	0.00	770.5	3.5	0.0	0.0	767.0	0.0	0.0
9	Howell to Chilly	Jul 7	590.0	115.6	0.0	-61.4	0.08	709.1	108.0	7.6	0.0	597.6	-7.6	0.0
8	Chilly to Reservoir	* Jul 7	661.3	65.4	0.0	136.8	0.00	845.9	59.7	5.7	0.0	674.7	-13.4	0.0
	Connected													
7	Mackay Reservoir	* Jul 7	648.5	0.0	0.0	0.0	0.00	918.6	233.5		0.0	441.2	207.3	0.0
6	Reservoir to 2B	Jul 7	637.0	11.5	0.0	0.0	0.00	845.9	11.4	0.1	0.0	429.8	207.2	0.0
5	2B to Leslie	Jul 7	513.0	196.7	0.0	72.7	0.00	918.6	184.0	12.7	0.0	318.5	194.5	0.0
4	Leslie to Moore	Jul 7	164.3	295.0	0.0	-53.7	0.10	918.6	196.5	98.4	0.0	88.6	75.7	0.0
2	Moore to blw Munsey	Jul 7	57.7	94.5	0.0	-12.1	0.07	918.6	82.1	12.4	0.0	0.0	57.7	0.0
1	Blw Munsey to Arco	Jul 7	80.6	0.0	0.0	22.9	0.00	941.5	0.0	0.0	0.0	22.9	57.7	0.0
								TOTAL	878.7	136.9	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 7	0.0	0.0		20180101	2%
9	Howell to Chilly	Jul 7	0.0	0.0		20180101	2%
8	Chilly to Reservoir	Jul 7	0.0	0.0		20180101	2%
	Connected						
7	Mackay Reservoir	Jul 7	0.0	0.0		20180101	2%
6	Reservoir to 2B	Jul 7	0.0	0.0		20180101	2%
5	2B to Leslie	Jul 7	0.0	0.0		20180101	2%
4	Leslie to Moore	Jul 7	33.3	20.4		20180101	2%
2	Moore to blw Munsey	Jul 7	6.5	5.6		20180101	2%
1	Blw Munsey to Arco	Jul 7	0.0	0.0		20180101	2%
	TOTAL		39.8	25.9	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	431.6
2	18810630	1.7	294.0	229.3
3	18880601	3.2	556.5	431.6
4	18960601	6.4	1113.0	863.2
5	19020301	0.8	140.0	107.9
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	68631.4
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	114546.0

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44400.0	44400.0	0.0	0.0	12.8

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	70695.0
Total Storage Loss	-39047.6
Total Storage Deliver	-15066.5
Total Evaporation	-1051.8
Accounting Balance	44399.1
Current Res Content	44400.0
Storage Balance Error	-0.9

DAILY STORAGE BALANCE

44400.0	Reservoir Content Previous Day [ac-ft]
44400.0	Reservoir Content Current Day [ac-ft]
0.0	Physical Change in Storage [ac-ft]
463.1	Storage Allocated to Mackay Reservoir [ac-ft]
-166.0	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-20.4	Leslie to Moore [cfs]
-5.6	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-57.7	Past Arco Gage [cfs]
-271.6	Storage Delivered [ac-ft]
13.3	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
12.7	2B to Leslie [cfs]
98.4	Leslie to Moore [cfs]
12.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-25.4	Evaporation [ac-ft]
0.1	Accounting Change in Storage [ac-ft]
0.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

661.3	Gain in/above Mackay Reservoir [cfs]
72.7	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
22.9	Gain in Reach 1: Munsey to Arco [cfs]
756.9	Total Available Natural Flow [cfs]
233.5	Reservoir Rights Diverted [cfs]
62.7	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
33.3	Leslie to Moore [cfs]
6.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
22.9	Natural Flow Past Arco Gage [cfs]
460.7	Natural Flow Delivered [cfs]
-13.3	Above Reservoir Storage Use [cfs]
11.4	Reservoir to 2B [cfs]
184.0	2B to Leslie [cfs]
196.5	Leslie to Moore [cfs]
82.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
756.9	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.8	440
Eastside Felton Wier +	59.1	2955
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	67.9	3395
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.8	38
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.7	135
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	104.4	5222
Island Babcock Delivery +	0.9	45
Island Felton Farms Delivery +	2.0	100
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	4.4	218
Island Wanstrom David +	0.0	0
Eastside OUT	44.0	2200
Total Out	162.0	8098

Abbreviated Reach Delivery Factor 2.39
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 402.4%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 44.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 10.9 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 76.3%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 14.3 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 110.7 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 232.0%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 307.1%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 7, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.5	0.0	0.3	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.6	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.5	0.1	17.8
9	BITTON	5.5	0.0	0.3	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	5.0	0.0	47.2	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	30.2	3.3	302.9
9	Thalman Hunter D	4.0	0.0	39.2	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	57.9	2.0	737.5
9	NEILSEN	42.9	4.6	448.4	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	92.6	7.4	1333.8
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	41.0	0.0	0.0	8	Broken River Pum	4.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	5.0	3.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	16.4	8.4	598.0
8	Mtn. Springs 3	5.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	5.0	5.0	402.7
8	Donahue 1	0.8	0.7	103.6	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	7.5
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	234.1
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	144.9	11.9	2748.5
8	Mtn. Springs 1	5.0	5.0	483.8	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	110.7	74.0	7099.3
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	40.5	8.5	915.3
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	54.0	4.0	329.6
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.5	0.0	0.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.8	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	3.5	464.1	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 07, 2019	3.20	3.20	3.20	100.0%
18750601	483	12	LONGHURST	13121505	9	Jul 07, 2019	2.00	2.00	2.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 07, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 07, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 07, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 07, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 07, 2019	0.75	0.75	0.75	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 07, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 07, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 07, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 07, 2019	1.20	1.20	1.20	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 07, 2019	0.79	0.88	0.79	100.0%
18830601	221	855	MOORE	13132050	4	Jul 07, 2019	1.60	1.79	1.60	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 07, 2019	0.27	0.30	0.27	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 07, 2019	1.54	1.72	1.54	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 07, 2019	1.13	1.26	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 07, 2019	1.72	1.92	1.72	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 07, 2019	0.01	0.01	0.01	100.0%
18830810	96	449	MOORE	13132050	4	Jul 07, 2019	0.48	0.54	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jul 07, 2019	0.18	0.20	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 07, 2019	0.18	0.20	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.21	0.24	0.21	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.21	0.24	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.43	0.48	0.43	100.0%
18840422	236	30	BECK	13130525	4	Jul 07, 2019	1.64	1.83	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 07, 2019	0.14	0.16	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 07, 2019	1.50	1.50	1.50	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 07, 2019	0.07	0.07	0.07	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 07, 2019	1.63	1.63	1.63	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 07, 2019	0.20	0.20	0.20	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 07, 2019	0.14	0.14	0.14	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 07, 2019	1.44	1.44	1.44	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 07, 2019	0.55	0.55	0.55	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 07, 2019	0.96	0.96	0.96	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 07, 2019	2.17	2.17	2.17	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 07, 2019	0.21	0.21	0.21	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 07, 2019	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 07, 2019	2.00	2.00	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 07, 2019	0.79	0.79	0.79	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 07, 2019	1.92	1.92	1.92	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 07, 2019	0.12	0.12	0.12	100.0%
18840422	284	228	SHARP	13126500	6	Jul 07, 2019	0.13	0.13	0.13	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 07, 2019	0.64	0.64	0.64	100.0%
18840422	24	120	SHARP	13126500	6	Jul 07, 2019	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	Jul 07, 2019	2.50	2.50	2.50	100.0%
18840430	141	1365	BECK	13130525	4	Jul 07, 2019	1.00	1.12	1.00	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 07, 2019	0.40	0.40	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 07, 2019	0.80	0.80	0.80	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 07, 2019	0.80	0.80	0.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 07, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 07, 2019	1.80	1.80	1.80	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 07, 2019	0.38	0.42	0.38	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 07, 2019	0.22	0.25	0.22	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 07, 2019	2.14	2.39	2.14	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 07, 2019	0.50	0.56	0.50	100.0%
18840520	113	585	MOORE	13132050	4	Jul 07, 2019	0.11	0.12	0.11	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 07, 2019	0.01	0.01	0.01	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 07, 2019	0.78	0.87	0.78	100.0%
18840520	96	451	MOORE	13132050	4	Jul 07, 2019	0.58	0.65	0.58	100.0%

18840520	2335	1886	MOORE	13132050	4	Jul 07, 2019	0.80	0.89	0.80	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 07, 2019	0.04	0.04	0.04	100.0%
18840520	242	210	MOORE	13132050	4	Jul 07, 2019	0.21	0.23	0.21	100.0%
18840520	263	394	MOORE	13132050	4	Jul 07, 2019	0.22	0.25	0.22	100.0%
18840520	180	470	MOORE	13132050	4	Jul 07, 2019	0.16	0.18	0.16	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 07, 2019	2.24	2.50	2.24	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 07, 2019	0.02	0.02	0.02	100.0%
18840520	433	271	MOORE	13132050	4	Jul 07, 2019	0.54	0.60	0.54	100.0%
18840520	427	1	MOORE	13132050	4	Jul 07, 2019	1.12	1.25	1.12	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 07, 2019	1.60	1.79	1.60	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 07, 2019	0.01	0.01	0.01	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 07, 2019	0.18	0.20	0.18	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.80	0.89	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 07, 2019	0.50	0.50	0.50	100.0%
18840601	263	395	MOORE	13132050	4	Jul 07, 2019	0.08	0.09	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 07, 2019	1.28	1.43	1.28	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 07, 2019	0.01	0.01	0.01	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 07, 2019	0.08	0.09	0.08	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 07, 2019	1.20	1.34	1.20	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 07, 2019	0.09	0.10	0.09	100.0%
18840601	96	453	MOORE	13132050	4	Jul 07, 2019	0.21	0.23	0.21	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 07, 2019	0.54	0.60	0.54	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 07, 2019	0.16	0.18	0.16	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 07, 2019	0.20	0.20	0.20	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 07, 2019	0.20	0.20	0.20	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 07, 2019	0.40	0.40	0.40	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 07, 2019	0.27	0.27	0.27	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 07, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 07, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 07, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 07, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 07, 2019	0.80	0.80	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 07, 2019	0.54	0.60	0.54	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 07, 2019	0.80	0.89	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 07, 2019	0.80	0.89	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 07, 2019	1.20	1.34	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jul 07, 2019	0.80	0.89	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 07, 2019	1.20	1.34	1.20	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 07, 2019	0.09	0.10	0.09	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 07, 2019	0.40	0.45	0.40	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 07, 2019	0.58	0.65	0.58	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 07, 2019	0.20	0.22	0.20	100.0%
18840831	533	421	MOORE	13132050	4	Jul 07, 2019	0.14	0.16	0.14	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.50	0.56	0.50	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.40	0.45	0.40	100.0%
18840831	2431	1799	EASTSIDE FIELD H	13132061	4	Jul 07, 2019	0.13	0.15	0.13	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.44	0.49	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.40	0.45	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 07, 2019	1.31	1.46	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 07, 2019	3.20	3.57	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 07, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 07, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jul 07, 2019	1.76	1.97	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 07, 2019	1.25	1.40	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Jul 07, 2019	0.58	0.65	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 07, 2019	0.89	0.99	0.89	100.0%
18841012	70	341	MOORE	13132050	4	Jul 07, 2019	0.31	0.35	0.31	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 07, 2019	2.78	2.78	2.78	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 07, 2019	0.40	0.40	0.40	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 07, 2019	0.81	0.81	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 07, 2019	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 07, 2019	0.74	0.74	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 07, 2019	3.30	3.30	3.30	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 07, 2019	0.66	0.66	0.66	100.0%

18850218	252	351	DARLINGTON	13127735	5	Jul 07, 2019	0.23	0.23	0.23	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 07, 2019	0.76	0.76	0.76	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 07, 2019	1.65	1.65	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 07, 2019	2.00	2.00	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 07, 2019	0.24	0.24	0.24	100.0%
18850501	423	87	ARCO	13132365	2	Jul 07, 2019	0.20	0.24	0.20	100.0%
18850501	468	59	ARCO	13132365	2	Jul 07, 2019	0.74	0.89	0.74	100.0%
18850501	426	887	ARCO	13132365	2	Jul 07, 2019	0.64	0.77	0.64	100.0%
18850501	423	186	ARCO	13132365	2	Jul 07, 2019	0.26	0.31	0.26	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 07, 2019	1.80	2.01	1.80	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jul 07, 2019	2.00	2.23	2.00	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 07, 2019	0.20	0.22	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 07, 2019	0.24	0.27	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 07, 2019	2.80	2.80	2.80	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	1.40	1.56	1.40	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.20	0.22	0.20	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.20	0.22	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 07, 2019	0.30	0.34	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jul 07, 2019	0.48	0.54	0.48	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 07, 2019	0.56	0.63	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 07, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 07, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 07, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 07, 2019	0.01	0.01	0.01	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 07, 2019	1.56	1.74	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	2.80	3.13	2.80	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 07, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 07, 2019	0.59	0.66	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 07, 2019	1.20	1.34	1.20	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 07, 2019	1.40	1.40	1.40	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 07, 2019	0.36	0.36	0.36	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 07, 2019	1.54	1.54	1.54	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 07, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 07, 2019	1.54	1.54	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jul 07, 2019	3.60	4.34	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Jul 07, 2019	1.54	1.86	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 07, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 07, 2019	1.60	1.79	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jul 07, 2019	1.20	1.34	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 07, 2019	2.80	3.13	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 07, 2019	2.56	2.86	2.56	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 07, 2019	0.01	0.01	0.01	100.0%
18860512	96	459	MOORE	13132050	4	Jul 07, 2019	0.48	0.54	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 07, 2019	0.18	0.20	0.18	100.0%
18860512	263	398	MOORE	13132050	4	Jul 07, 2019	0.18	0.20	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	1.77	1.98	1.77	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 07, 2019	2.40	2.68	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 07, 2019	0.20	0.22	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 07, 2019	0.08	0.09	0.08	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	1.00	1.12	1.00	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	1.24	1.38	1.24	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	1.60	1.79	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 07, 2019	0.40	0.40	0.40	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jul 07, 2019	0.80	0.80	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	1.00	1.12	1.00	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.80	0.89	0.80	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.10	0.11	0.10	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 07, 2019	0.60	0.60	0.60	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 07, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 07, 2019	0.52	0.52	0.52	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 07, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jul 07, 2019	0.84	1.01	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 07, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 07, 2019	1.26	1.26	1.26	100.0%

18860914	490	1753	BURNETT	13127750	5	Jul 07, 2019	0.34	0.34	0.34	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 07, 2019	1.60	1.79	1.60	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 07, 2019	3.20	3.57	3.20	100.0%
18870313	459	338	MOORE	13132050	4	Jul 07, 2019	0.42	0.47	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jul 07, 2019	0.65	0.73	0.65	100.0%
18870313	433	683	MOORE	13132050	4	Jul 07, 2019	0.13	0.15	0.13	100.0%
18870313	70	337	MOORE	13132050	4	Jul 07, 2019	0.23	0.26	0.23	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 07, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 07, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 07, 2019	3.20	3.86	3.20	100.0%
18870601	423	76	ARCO	13132365	2	Jul 07, 2019	0.22	0.27	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 07, 2019	1.80	2.17	1.80	100.0%
18870601	468	893	ARCO	13132365	2	Jul 07, 2019	1.00	1.21	1.00	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 07, 2019	1.00	1.12	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 07, 2019	3.20	3.57	3.20	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 07, 2019	0.16	0.16	0.16	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 07, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 07, 2019	0.75	0.75	0.75	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 07, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 07, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 07, 2019	0.80	0.80	0.80	100.0%
18870630	236	1428	BECK	13130525	4	Jul 07, 2019	0.36	0.40	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 07, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jul 07, 2019	0.42	0.51	0.42	100.0%
18870801	623	2203	BURNETT	13127750	5	Jul 07, 2019	0.33	0.33	0.33	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 07, 2019	0.54	0.54	0.54	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 07, 2019	0.43	0.43	0.43	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 07, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 07, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jul 07, 2019	0.33	0.40	0.33	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	1.50	1.68	1.50	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 07, 2019	0.50	0.50	0.50	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 07, 2019	0.84	0.84	0.84	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 07, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 07, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 07, 2019	0.40	0.48	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 07, 2019	0.81	0.81	0.81	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 07, 2019	0.64	0.64	0.64	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 07, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 07, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	KENT	13120605	9	Jul 07, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 07, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 07, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 07, 2019	0.77	0.77	0.77	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 07, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 07, 2019	0.18	0.20	0.18	100.0%
18890601	441	205	MOORE	13132050	4	Jul 07, 2019	0.97	1.08	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 07, 2019	0.50	0.56	0.50	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 07, 2019	0.70	0.70	0.70	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 07, 2019	0.80	0.80	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 07, 2019	1.20	1.20	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 07, 2019	2.70	2.70	2.70	100.0%
18900601	372	886	ARCO	13132365	2	Jul 07, 2019	0.59	0.71	0.59	100.0%
18900601	426	756	ARCO	13132365	2	Jul 07, 2019	0.57	0.69	0.57	100.0%
18900601	48	1023	MUNSEY	13132375	2	Jul 07, 2019	3.00	3.62	3.00	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 07, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 07, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 07, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 07, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 07, 2019	1.76	1.76	1.76	100.0%
18910630	205	2065	BECK	13130525	4	Jul 07, 2019	1.25	1.40	1.25	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 07, 2019	0.60	0.67	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 07, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 07, 2019	5.20	5.20	5.20	100.0%

18920101	394	1607	MOORE	13132050	4	Jul 07, 2019	0.20	0.22	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jul 07, 2019	0.80	0.89	0.80	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 07, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 07, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 07, 2019	0.30	0.34	0.30	100.0%
18930201	158	538	MOORE	13132050	4	Jul 07, 2019	0.03	0.03	0.03	100.0%
18930201	417	380	MOORE	13132050	4	Jul 07, 2019	0.22	0.25	0.22	100.0%
18930201	414	1865	MOORE	13132050	4	Jul 07, 2019	0.30	0.34	0.30	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 07, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 07, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	KENT	13120605	9	Jul 07, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	KENT	13120605	9	Jul 07, 2019	0.60	0.60	0.60	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 07, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 07, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 07, 2019	0.03	0.03	0.03	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 07, 2019	0.40	0.40	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 07, 2019	2.80	2.80	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 07, 2019	0.96	0.96	0.96	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 07, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 07, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 07, 2019	3.20	3.86	3.20	100.0%
18940601	158	536	MOORE	13132050	4	Jul 07, 2019	0.02	0.02	0.02	100.0%
18940601	417	379	MOORE	13132050	4	Jul 07, 2019	0.15	0.17	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	2.02	2.26	2.02	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 07, 2019	0.11	0.11	0.11	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 07, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jul 07, 2019	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 07, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 07, 2019	3.20	3.20	3.20	100.0%
18950601	158	534	MOORE	13132050	4	Jul 07, 2019	0.01	0.01	0.01	100.0%
18950601	417	378	MOORE	13132050	4	Jul 07, 2019	0.10	0.11	0.10	100.0%
18950601	242	212	MOORE	13132050	4	Jul 07, 2019	0.11	0.12	0.11	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 07, 2019	0.80	0.89	0.80	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.72	0.80	0.72	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.40	0.45	0.40	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 07, 2019	0.30	0.30	0.30	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 07, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 07, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jul 07, 2019	1.74	1.94	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 07, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jul 07, 2019	0.25	0.28	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jul 07, 2019	0.25	0.28	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 07, 2019	3.20	3.20	3.20	100.0%
18960601	441	207	MOORE	13132050	4	Jul 07, 2019	0.99	1.11	0.99	100.0%
18960601	417	992	MOORE	13132050	4	Jul 07, 2019	1.20	1.34	1.20	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 07, 2019	1.56	1.74	1.56	100.0%
18960601	417	381	MOORE	13132050	4	Jul 07, 2019	2.40	2.68	2.40	100.0%
18960601	158	540	MOORE	13132050	4	Jul 07, 2019	0.32	0.36	0.32	100.0%
18960601	459	993	MOORE	13132050	4	Jul 07, 2019	0.40	0.45	0.40	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 07, 2019	0.40	0.45	0.40	100.0%
18960601	96	457	MOORE	13132050	4	Jul 07, 2019	0.92	1.03	0.92	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 07, 2019	0.03	0.03	0.03	100.0%
18960601	533	424	MOORE	13132050	4	Jul 07, 2019	0.06	0.07	0.06	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 07, 2019	0.48	0.54	0.48	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 07, 2019	0.23	0.26	0.23	100.0%
18960601	309	877	MOORE	13132050	4	Jul 07, 2019	0.07	0.07	0.07	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 07, 2019	0.02	0.02	0.02	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 07, 2019	0.60	0.67	0.60	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 07, 2019	2.12	2.37	2.12	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 07, 2019	0.40	0.45	0.40	100.0%
18960601	96	461	MOORE	13132050	4	Jul 07, 2019	0.03	0.03	0.03	100.0%
18960601	263	397	MOORE	13132050	4	Jul 07, 2019	0.35	0.39	0.35	100.0%
18960601	263	399	MOORE	13132050	4	Jul 07, 2019	0.27	0.30	0.27	100.0%
18960601	402	876	MOORE	13132050	4	Jul 07, 2019	0.07	0.07	0.07	100.0%

18960601	306	1695	MOORE	13132050	4	Jul 07, 2019	0.42	0.47	0.42	100.0%
18960601	406	65	MOORE	13132050	4	Jul 07, 2019	0.30	0.34	0.30	100.0%
18960601	668	1562	LOWER EASTSIDE &	13132291	4	Jul 07, 2019	0.36	0.40	0.36	100.0%
18960601	2431	1831	EASTSIDE FIELD H	13132061	4	Jul 07, 2019	0.85	0.95	0.85	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 07, 2019	0.70	0.78	0.70	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.04	0.04	0.04	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.04	0.04	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 07, 2019	0.41	0.46	0.41	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 07, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 07, 2019	2.00	2.41	2.00	100.0%
18960901	437	671	ARCO	13132365	2	Jul 07, 2019	0.13	0.16	0.13	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 07, 2019	0.51	0.62	0.51	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 07, 2019	4.40	5.31	4.40	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 07, 2019	0.03	0.04	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 07, 2019	1.97	2.38	1.97	100.0%
18960928	15	80	MUNSEY	13132375	2	Jul 07, 2019	2.33	2.81	2.33	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 07, 2019	0.15	0.15	0.15	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 07, 2019	6.00	6.00	6.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 07, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 07, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jul 07, 2019	0.22	0.25	0.22	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 07, 2019	0.13	0.15	0.13	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jul 07, 2019	0.24	0.27	0.24	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 07, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jul 07, 2019	1.20	1.20	1.20	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.65	0.73	0.65	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.65	0.73	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jul 07, 2019	1.20	1.20	1.20	100.0%
18980901	268	562	ARCO	13132365	2	Jul 07, 2019	1.57	1.89	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jul 07, 2019	0.25	0.25	0.25	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jul 07, 2019	0.50	0.50	0.50	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	1.00	1.12	1.00	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 07, 2019	0.53	0.59	0.53	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 07, 2019	0.60	0.67	0.60	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 07, 2019	0.21	0.23	0.21	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 07, 2019	0.01	0.01	0.01	100.0%
18990327	180	468	MOORE	13132050	4	Jul 07, 2019	0.05	0.06	0.05	100.0%
18990327	113	584	MOORE	13132050	4	Jul 07, 2019	0.03	0.03	0.03	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jul 07, 2019	2.80	3.38	2.80	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 07, 2019	0.03	0.03	0.03	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 07, 2019	0.03	0.03	0.03	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 07, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 07, 2019	2.74	2.74	2.74	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jul 07, 2019	0.40	0.48	0.40	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 07, 2019	0.57	0.57	0.57	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 07, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 07, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 07, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 07, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.20	0.22	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jul 07, 2019	0.15	0.17	0.15	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jul 07, 2019	0.30	0.30	0.30	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 07, 2019	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jul 07, 2019	0.23	0.26	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jul 07, 2019	0.35	0.39	0.35	100.0%
19010901	70	339	MOORE	13132050	4	Jul 07, 2019	0.12	0.13	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 07, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jul 07, 2019	0.12	0.13	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jul 07, 2019	1.31	1.58	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 07, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.20	0.22	0.20	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.20	0.22	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 07, 2019	0.31	0.34	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.44	0.49	0.44	100.0%

19020301	56	1996	MACKAY DAM	13126000	7	Jul 07, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 07, 2019	0.90	0.90	0.90	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 07, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 07, 2019	1.40	1.40	1.40	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 07, 2019	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 07, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 07, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 07, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 07, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 07, 2019	2.70	3.02	2.70	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 07, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 07, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 07, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 07, 2019	1.35	1.35	1.35	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 07, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 07, 2019	0.24	0.24	0.24	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 07, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 07, 2019	1.08	1.08	1.08	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jul 07, 2019	1.40	1.40	1.40	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 07, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jul 07, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 07, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 07, 2019	1.56	1.74	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jul 07, 2019	0.42	0.42	0.42	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jul 07, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 07, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jul 07, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 07, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 07, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 07, 2019	0.13	0.13	0.13	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 07, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	KENT	13120605	9	Jul 07, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	KENT	13120605	9	Jul 07, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jul 07, 2019	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jul 07, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 07, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	BITTON	13120735	9	Jul 07, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 07, 2019	0.44	0.44	0.44	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 07, 2019	0.34	0.34	0.34	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 07, 2019	0.27	0.27	0.27	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 07, 2019	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 07, 2019	1.30	1.30	1.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 07, 2019	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 07, 2019	0.30	0.30	0.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 07, 2019	0.10	0.10	0.10	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jul 07, 2019	0.27	0.27	0.27	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 07, 2019	0.40	0.40	0.40	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 07, 2019	0.65	0.65	0.65	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 07, 2019	0.06	0.06	0.06	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 07, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 07, 2019	0.20	0.20	0.20	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 07, 2019	0.07	0.07	0.07	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 07, 2019	1.28	1.28	1.28	100.0%
19060501	185	392	3IN1	13130605	4	Jul 07, 2019	0.19	0.21	0.19	100.0%
19061001	2431	1855	EASTSIDE FIELD H	13132061	4	Jul 07, 2019	0.16	0.18	0.16	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 07, 2019	0.42	0.42	0.42	99.5%
19070711	59	2146	KENT	13120605	9	Jul 07, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	Jul 07, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	KENT	13120605	9	Jul 07, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	BITTON	13120735	9	Jul 07, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jul 07, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	BITTON	13120735	9	Jul 07, 2019	0.55	0.55	0.55	100.0%
19081207	70	343	MOORE	13132050	4	Jul 07, 2019	0.17	0.19	0.17	100.0%
19081207	459	344	MOORE	13132050	4	Jul 07, 2019	0.33	0.37	0.33	100.0%

19081207	459	1080	MOORE	13132050	4	Jul 07, 2019	0.50	0.56	0.50	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 07, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 07, 2019	0.04	0.04	0.04	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jul 07, 2019	2.40	2.40	2.40	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 07, 2019	0.75	0.75	0.75	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 07, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 07, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 07, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 07, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 07, 2019	0.30	0.30	0.30	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 07, 2019	1.30	1.30	1.30	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.13	0.15	0.13	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jul 07, 2019	0.02	0.02	0.02	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 07, 2019	1.60	1.60	1.60	100.0%
19140103	59	2233	KENT	13120605	9	Jul 07, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	KENT	13120605	9	Jul 07, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 07, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	BITTON	13120735	9	Jul 07, 2019	0.04	0.04	0.04	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 07, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 07, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 07, 2019	0.80	0.80	0.80	100.0%
19150504	373	434	CHILLY	13121105	9	Jul 07, 2019	0.22	0.22	0.22	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 07, 2019	0.12	0.12	0.12	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 07, 2019	0.10	0.10	0.10	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jul 07, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 07, 2019	0.90	0.90	0.90	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 07, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 07, 2019	0.85	0.85	0.85	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 07, 2019	0.68	0.68	0.68	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jul 07, 2019	0.67	0.67	0.67	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 07, 2019	0.16	0.16	0.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 07, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jul 07, 2019	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	Jul 07, 2019	0.01	0.01	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	Jul 07, 2019	0.79	0.95	0.79	100.0%
19240806	417	695	MOORE	13132050	4	Jul 07, 2019	0.50	0.56	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jul 07, 2019	0.44	0.49	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jul 07, 2019	0.11	0.12	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jul 07, 2019	4.90	5.47	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jul 07, 2019	0.02	0.02	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jul 07, 2019	4.40	5.31	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 07, 2019	16.00	19.29	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jul 07, 2019	1.34	1.62	1.34	100.0%
19810501	566	1684	MOORE	13132050	4	Jul 07, 2019	0.82	0.91	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jul 07, 2019	8.06	9.00	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jul 07, 2019	49.26	55.02	49.26	100.0%
19950411	476	1273	ARCO	13132365	2	Jul 07, 2019	13.78	16.62	13.78	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jul 07, 2019	5.58	6.73	5.58	100.0%
19950411	476	1273	BECK	13130525	4	Jul 07, 2019	1.40	1.56	1.40	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jul 07, 2019	13.24	13.24	13.24	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jul 07, 2019	29.76	29.76	29.76	100.0%
19950411	476	1273	BURNETT	13127750	5	Jul 07, 2019	51.48	51.48	51.48	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jul 07, 2019	16.00	16.00	16.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jul 07, 2019	6.20	6.20	6.20	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jul 07, 2019	3.27	3.27	3.27	100.0%
19950411	476	1273	CHILLY	13121105	9	Jul 07, 2019	5.60	5.60	5.60	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jul 07, 2019	9969.40	9969.40	218.17	2.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 8, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 8	794.0	4.0	0.0	798.0	0.00	798.0	4.0	0.0	0.0	794.0	0.0	0.0
9	Howell to Chilly	Jul 8	613.0	126.1	0.0	-54.9	0.07	743.1	120.4	5.7	0.0	618.7	-5.7	0.0
8	Chilly to Reservoir	* Jul 8	698.7	60.3	0.0	146.0	0.00	889.1	57.5	2.9	0.0	707.3	-8.6	0.0
	Connected													
7	Mackay Reservoir	* Jul 8	655.3	0.0	0.0	0.0	0.00	962.4	265.3		0.0	442.1	213.2	0.0
6	Reservoir to 2B	Jul 8	645.0	10.3	0.0	0.0	0.00	889.1	10.2	0.1	0.0	431.9	213.1	0.0
5	2B to Leslie	Jul 8	525.0	193.3	0.0	73.3	0.00	962.4	179.7	13.6	0.0	325.4	199.6	0.0
4	Leslie to Moore	Jul 8	158.4	292.3	0.0	-74.3	0.14	962.4	196.1	96.1	0.0	83.2	75.2	0.0
2	Moore to blw Munsey	Jul 8	61.7	94.5	0.0	-2.2	0.01	962.4	82.1	12.4	0.0	0.0	61.7	0.0
1	Blw Munsey to Arco	Jul 8	79.8	0.0	0.0	18.1	0.00	980.5	0.0	0.0	0.0	18.1	61.7	0.0
								TOTAL	915.2	130.8	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 8	0.0	0.0		20180101	3%
9	Howell to Chilly	Jul 8	0.0	0.0		20180101	3%
8	Chilly to Reservoir	Jul 8	0.0	0.0		20180101	3%
	Connected						
7	Mackay Reservoir	Jul 8	0.0	0.0		20180101	3%
6	Reservoir to 2B	Jul 8	0.0	0.0		20180101	3%
5	2B to Leslie	Jul 8	0.0	0.0		20180101	3%
4	Leslie to Moore	Jul 8	46.1	28.2		20180101	3%
2	Moore to blw Munsey	Jul 8	1.2	1.1		20180101	3%
1	Blw Munsey to Arco	Jul 8	0.0	0.0		20180101	3%
	TOTAL		47.3	29.3	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	438.0
2	18810630	1.7	294.0	232.7
3	18880601	3.2	556.5	438.0
4	18960601	6.4	1113.0	875.9
5	19020301	0.8	140.0	109.5
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	69127.1
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	115072.1

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44400.0	44470.0	70.0	35.3	8.1

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	71221.1
Total Storage Loss	-39228.1
Total Storage Deliver	-15325.9
Total Evaporation	-1067.9
Accounting Balance	44469.2
Current Res Content	44470.0
Storage Balance Error	-0.8

DAILY STORAGE BALANCE

44400.0	Reservoir Content Previous Day [ac-ft]
44470.0	Reservoir Content Current Day [ac-ft]
70.0	Physical Change in Storage [ac-ft]
526.1	Storage Allocated to Mackay Reservoir [ac-ft]
-180.5	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-28.2	Leslie to Moore [cfs]
-1.1	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-61.7	Past Arco Gage [cfs]
-259.5	Storage Delivered [ac-ft]
8.6	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
13.6	2B to Leslie [cfs]
96.1	Leslie to Moore [cfs]
12.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-16.1	Evaporation [ac-ft]
70.0	Accounting Change in Storage [ac-ft]
0.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

698.7	Gain in/above Mackay Reservoir [cfs]
73.3	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
18.1	Gain in Reach 1: Munsey to Arco [cfs]
790.1	Total Available Natural Flow [cfs]
265.3	Reservoir Rights Diverted [cfs]
65.4	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
46.1	Leslie to Moore [cfs]
1.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
18.1	Natural Flow Past Arco Gage [cfs]
459.5	Natural Flow Delivered [cfs]
-8.6	Above Reservoir Storage Use [cfs]
10.2	Reservoir to 2B [cfs]
179.7	2B to Leslie [cfs]
196.1	Leslie to Moore [cfs]
82.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
790.2	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	9.6	480
Eastside Felton Wier +	62.1	3105
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	71.7	3585
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.8	38
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.7	135
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	104.4	5222
Island Babcock Delivery +	0.9	45
Island Felton Farms Delivery +	2.0	100
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	4.4	218
Island Wanstrom David +	0.0	0
Eastside OUT	47.2	2360
Total Out	165.2	8258

Abbreviated Reach Delivery Factor 2.30
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 385.6%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 47.2 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 12.2 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 79.4%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 15.4 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 109.6 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 234.3%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 306.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 8, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.3	0.0	0.3	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.9	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	10.3	0.1	18.0
9	BITTON	6.3	0.0	0.3	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.6	0.0	47.2	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	29.4	3.3	309.4
9	Thalman Hunter D	4.6	0.0	39.2	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	55.9	2.3	742.1
9	NEILSEN	50.3	5.7	459.7	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	92.0	8.0	1349.6
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	47.0	0.0	0.0	8	Broken River Pum	3.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	15.8	8.2	614.2
8	Mtn. Springs 3	2.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	4.0	4.0	410.6
8	Donahue 1	0.8	0.7	105.0	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	7.8
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	238.0
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	144.9	11.9	2772.1
8	Mtn. Springs 1	2.5	2.0	487.8	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	109.6	72.9	7243.9
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	40.5	8.5	932.0
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	54.0	4.0	337.5
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.6	0.1	1.1	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	464.1	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 08, 2019	4.24	4.24	4.24	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 08, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 08, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 08, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 08, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 08, 2019	0.84	0.84	0.84	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 08, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 08, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 08, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 08, 2019	1.20	1.20	1.20	100.0%
18830601	221	855	MOORE	13132050	4	Jul 08, 2019	1.60	1.86	1.60	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 08, 2019	1.54	1.79	1.54	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 08, 2019	0.27	0.32	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 08, 2019	0.79	0.92	0.79	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 08, 2019	1.72	2.00	1.72	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 08, 2019	1.13	1.32	1.13	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 08, 2019	0.18	0.21	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jul 08, 2019	0.48	0.56	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jul 08, 2019	0.18	0.21	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 08, 2019	0.01	0.01	0.01	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.21	0.25	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.43	0.50	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.21	0.25	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 08, 2019	1.64	1.91	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 08, 2019	0.14	0.16	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 08, 2019	1.50	1.50	1.50	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 08, 2019	0.07	0.07	0.07	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 08, 2019	0.96	0.96	0.96	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 08, 2019	0.55	0.55	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 08, 2019	1.63	1.63	1.63	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 08, 2019	2.17	2.17	2.17	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 08, 2019	0.14	0.14	0.14	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 08, 2019	0.20	0.20	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 08, 2019	1.20	1.20	1.20	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 08, 2019	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 08, 2019	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 08, 2019	1.92	1.92	1.92	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 08, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 08, 2019	0.21	0.21	0.21	100.0%
18840422	284	228	SHARP	13126500	6	Jul 08, 2019	0.13	0.13	0.13	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 08, 2019	0.64	0.64	0.64	100.0%
18840422	347	938	SHARP	13126500	6	Jul 08, 2019	2.50	2.50	2.50	100.0%
18840422	24	120	SHARP	13126500	6	Jul 08, 2019	0.08	0.08	0.08	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 08, 2019	0.12	0.12	0.12	100.0%
18840430	141	1365	BECK	13130525	4	Jul 08, 2019	1.00	1.16	1.00	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 08, 2019	0.80	0.80	0.80	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 08, 2019	0.40	0.40	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 08, 2019	0.80	0.80	0.80	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 08, 2019	0.40	0.40	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 08, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 08, 2019	1.80	1.80	1.80	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 08, 2019	0.22	0.26	0.22	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 08, 2019	0.04	0.05	0.04	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 08, 2019	0.01	0.01	0.01	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 08, 2019	0.18	0.21	0.18	100.0%
18840520	242	210	MOORE	13132050	4	Jul 08, 2019	0.21	0.24	0.21	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 08, 2019	0.38	0.44	0.38	100.0%
18840520	96	451	MOORE	13132050	4	Jul 08, 2019	0.58	0.68	0.58	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 08, 2019	1.60	1.86	1.60	100.0%

18840520	180	470	MOORE	13132050	4	Jul 08, 2019	0.16	0.19	0.16	100.0%
18840520	263	394	MOORE	13132050	4	Jul 08, 2019	0.22	0.26	0.22	100.0%
18840520	113	585	MOORE	13132050	4	Jul 08, 2019	0.11	0.13	0.11	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 08, 2019	0.02	0.02	0.02	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 08, 2019	2.24	2.61	2.24	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 08, 2019	2.14	2.49	2.14	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 08, 2019	0.01	0.01	0.01	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 08, 2019	0.78	0.91	0.78	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 08, 2019	0.50	0.58	0.50	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 08, 2019	0.80	0.93	0.80	100.0%
18840520	427	1	MOORE	13132050	4	Jul 08, 2019	1.12	1.30	1.12	100.0%
18840520	433	271	MOORE	13132050	4	Jul 08, 2019	0.54	0.63	0.54	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.80	0.93	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 08, 2019	0.50	0.50	0.50	100.0%
18840601	263	395	MOORE	13132050	4	Jul 08, 2019	0.08	0.09	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 08, 2019	0.09	0.10	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 08, 2019	0.54	0.63	0.54	100.0%
18840601	96	453	MOORE	13132050	4	Jul 08, 2019	0.21	0.24	0.21	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 08, 2019	1.20	1.40	1.20	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 08, 2019	0.08	0.09	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 08, 2019	1.28	1.49	1.28	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 08, 2019	0.01	0.01	0.01	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 08, 2019	0.16	0.19	0.16	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 08, 2019	0.20	0.20	0.20	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 08, 2019	0.80	0.80	0.80	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 08, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 08, 2019	0.27	0.27	0.27	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 08, 2019	0.40	0.40	0.40	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 08, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 08, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 08, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 08, 2019	0.40	0.40	0.40	100.0%
18840715	133	324	MOORE	13132050	4	Jul 08, 2019	0.54	0.63	0.54	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 08, 2019	0.80	0.93	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 08, 2019	0.80	0.93	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 08, 2019	1.20	1.40	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jul 08, 2019	0.80	0.93	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 08, 2019	1.20	1.40	1.20	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 08, 2019	0.40	0.47	0.40	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 08, 2019	0.09	0.10	0.09	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 08, 2019	0.20	0.23	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 08, 2019	0.58	0.68	0.58	100.0%
18840831	533	421	MOORE	13132050	4	Jul 08, 2019	0.14	0.16	0.14	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.40	0.47	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.50	0.58	0.50	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 08, 2019	1.31	1.53	1.31	100.0%
18840831	2431	1799	EASTSIDE FIELD H	13132061	4	Jul 08, 2019	0.13	0.15	0.13	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.40	0.47	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.44	0.51	0.44	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 08, 2019	3.20	3.73	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 08, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 08, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jul 08, 2019	1.76	2.05	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Jul 08, 2019	0.31	0.36	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 08, 2019	1.25	1.46	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Jul 08, 2019	0.58	0.68	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 08, 2019	0.89	1.04	0.89	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 08, 2019	3.30	3.30	3.30	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 08, 2019	0.81	0.81	0.81	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 08, 2019	0.40	0.40	0.40	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 08, 2019	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 08, 2019	0.74	0.74	0.74	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 08, 2019	2.78	2.78	2.78	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 08, 2019	0.66	0.66	0.66	100.0%

18850218	252	351	DARLINGTON	13127735	5	Jul 08, 2019	0.23	0.23	0.23	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 08, 2019	2.00	2.00	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 08, 2019	0.24	0.24	0.24	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 08, 2019	1.65	1.65	1.65	100.0%
18850501	423	87	ARCO	13132365	2	Jul 08, 2019	0.20	0.24	0.20	100.0%
18850501	426	887	ARCO	13132365	2	Jul 08, 2019	0.64	0.76	0.64	100.0%
18850501	423	186	ARCO	13132365	2	Jul 08, 2019	0.26	0.31	0.26	100.0%
18850501	468	59	ARCO	13132365	2	Jul 08, 2019	0.74	0.87	0.74	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jul 08, 2019	2.00	2.33	2.00	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 08, 2019	0.24	0.28	0.24	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 08, 2019	0.20	0.23	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 08, 2019	1.80	2.10	1.80	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 08, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 08, 2019	0.50	0.50	0.50	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.20	0.23	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	1.40	1.63	1.40	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.20	0.23	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jul 08, 2019	0.48	0.56	0.48	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 08, 2019	0.30	0.35	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 08, 2019	0.56	0.65	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 08, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 08, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 08, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 08, 2019	0.19	0.19	0.19	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 08, 2019	1.56	1.81	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	2.80	3.26	2.80	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 08, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 08, 2019	0.59	0.69	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 08, 2019	1.20	1.40	1.20	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 08, 2019	1.40	1.40	1.40	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 08, 2019	0.36	0.36	0.36	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 08, 2019	1.54	1.54	1.54	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 08, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 08, 2019	1.54	1.54	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jul 08, 2019	3.60	4.25	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Jul 08, 2019	1.54	1.82	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 08, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 08, 2019	1.60	1.86	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 08, 2019	2.80	3.26	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jul 08, 2019	1.20	1.40	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 08, 2019	2.56	2.98	2.56	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 08, 2019	0.18	0.21	0.18	100.0%
18860512	263	398	MOORE	13132050	4	Jul 08, 2019	0.18	0.21	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jul 08, 2019	0.48	0.56	0.48	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 08, 2019	0.01	0.01	0.01	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	1.77	2.06	1.77	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 08, 2019	2.40	2.80	2.40	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 08, 2019	0.08	0.09	0.08	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 08, 2019	0.20	0.23	0.20	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	1.60	1.86	1.60	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	1.00	1.16	1.00	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	1.24	1.44	1.24	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 08, 2019	0.45	0.45	0.45	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jul 08, 2019	0.50	0.50	0.50	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.80	0.93	0.80	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	1.00	1.16	1.00	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.10	0.12	0.10	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 08, 2019	0.60	0.60	0.60	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 08, 2019	0.80	0.80	0.80	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 08, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 08, 2019	0.52	0.52	0.52	100.0%
18860901	180	2	MUNSEY	13132375	2	Jul 08, 2019	0.84	0.99	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 08, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 08, 2019	0.34	0.34	0.34	100.0%

18860914	490	1795	BURNETT	13127750	5	Jul 08, 2019	1.26	1.26	1.26	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 08, 2019	3.20	3.73	3.20	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 08, 2019	1.60	1.86	1.60	100.0%
18870313	70	337	MOORE	13132050	4	Jul 08, 2019	0.23	0.27	0.23	100.0%
18870313	459	682	MOORE	13132050	4	Jul 08, 2019	0.65	0.76	0.65	100.0%
18870313	433	683	MOORE	13132050	4	Jul 08, 2019	0.13	0.15	0.13	100.0%
18870313	459	338	MOORE	13132050	4	Jul 08, 2019	0.42	0.49	0.42	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 08, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 08, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 08, 2019	3.20	3.78	3.20	100.0%
18870601	423	76	ARCO	13132365	2	Jul 08, 2019	0.22	0.26	0.22	100.0%
18870601	468	893	ARCO	13132365	2	Jul 08, 2019	1.00	1.18	1.00	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 08, 2019	1.80	2.13	1.80	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 08, 2019	1.00	1.16	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 08, 2019	3.20	3.73	3.20	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 08, 2019	0.16	0.16	0.16	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 08, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 08, 2019	0.75	0.75	0.75	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 08, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 08, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 08, 2019	0.80	0.80	0.80	100.0%
18870630	236	1428	BECK	13130525	4	Jul 08, 2019	0.36	0.42	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 08, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jul 08, 2019	0.42	0.50	0.42	100.0%
18870801	623	2203	BURNETT	13127750	5	Jul 08, 2019	0.33	0.33	0.33	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 08, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 08, 2019	0.49	0.49	0.49	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 08, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 08, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jul 08, 2019	0.33	0.39	0.33	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	1.50	1.75	1.50	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 08, 2019	0.50	0.50	0.50	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 08, 2019	0.84	0.84	0.84	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 08, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 08, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 08, 2019	0.40	0.47	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 08, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 08, 2019	0.73	0.73	0.73	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 08, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 08, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	KENT	13120605	9	Jul 08, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 08, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 08, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 08, 2019	0.77	0.77	0.77	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 08, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 08, 2019	0.18	0.21	0.18	100.0%
18890601	441	205	MOORE	13132050	4	Jul 08, 2019	0.97	1.13	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 08, 2019	0.50	0.58	0.50	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 08, 2019	0.80	0.80	0.80	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 08, 2019	0.70	0.70	0.70	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 08, 2019	2.70	2.70	2.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 08, 2019	1.20	1.20	1.20	100.0%
18900601	372	886	ARCO	13132365	2	Jul 08, 2019	0.59	0.70	0.59	100.0%
18900601	426	756	ARCO	13132365	2	Jul 08, 2019	0.57	0.67	0.57	100.0%
18900601	48	1023	MUNSEY	13132375	2	Jul 08, 2019	3.00	3.54	3.00	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 08, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 08, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 08, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 08, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 08, 2019	0.24	0.24	0.24	100.0%
18910630	205	2065	BECK	13130525	4	Jul 08, 2019	1.25	1.46	1.25	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 08, 2019	0.60	0.70	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 08, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 08, 2019	5.20	5.20	5.20	100.0%

18920101	394	1607	MOORE	13132050	4	Jul 08, 2019	0.20	0.23	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jul 08, 2019	0.80	0.93	0.80	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 08, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 08, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jul 08, 2019	0.22	0.26	0.22	100.0%
18930201	414	1865	MOORE	13132050	4	Jul 08, 2019	0.30	0.35	0.30	100.0%
18930201	158	538	MOORE	13132050	4	Jul 08, 2019	0.03	0.03	0.03	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 08, 2019	0.30	0.35	0.30	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 08, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	Jul 08, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	KENT	13120605	9	Jul 08, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 08, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 08, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 08, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 08, 2019	0.58	0.58	0.58	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 08, 2019	2.80	2.80	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 08, 2019	0.96	0.96	0.96	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 08, 2019	0.40	0.40	0.40	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 08, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 08, 2019	2.98	2.98	2.98	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 08, 2019	3.20	3.78	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jul 08, 2019	0.15	0.17	0.15	100.0%
18940601	158	536	MOORE	13132050	4	Jul 08, 2019	0.02	0.02	0.02	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	2.02	2.35	2.02	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 08, 2019	0.11	0.11	0.11	100.0%
18940601	284	229	SHARP	13126500	6	Jul 08, 2019	0.15	0.15	0.15	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 08, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 08, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 08, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jul 08, 2019	0.10	0.12	0.10	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 08, 2019	0.80	0.93	0.80	100.0%
18950601	242	212	MOORE	13132050	4	Jul 08, 2019	0.11	0.13	0.11	100.0%
18950601	158	534	MOORE	13132050	4	Jul 08, 2019	0.01	0.01	0.01	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.72	0.84	0.72	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.40	0.47	0.40	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 08, 2019	0.30	0.30	0.30	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 08, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 08, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jul 08, 2019	1.74	2.03	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 08, 2019	1.60	1.60	1.60	100.0%
18960302	309	873	MOORE	13132050	4	Jul 08, 2019	0.25	0.29	0.25	100.0%
18960302	402	872	MOORE	13132050	4	Jul 08, 2019	0.25	0.29	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 08, 2019	3.20	3.20	3.20	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 08, 2019	0.42	0.49	0.42	100.0%
18960601	96	457	MOORE	13132050	4	Jul 08, 2019	0.92	1.07	0.92	100.0%
18960601	309	877	MOORE	13132050	4	Jul 08, 2019	0.07	0.08	0.07	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 08, 2019	0.48	0.56	0.48	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 08, 2019	0.23	0.27	0.23	100.0%
18960601	96	461	MOORE	13132050	4	Jul 08, 2019	0.03	0.03	0.03	100.0%
18960601	263	399	MOORE	13132050	4	Jul 08, 2019	0.27	0.31	0.27	100.0%
18960601	406	65	MOORE	13132050	4	Jul 08, 2019	0.30	0.35	0.30	100.0%
18960601	263	397	MOORE	13132050	4	Jul 08, 2019	0.35	0.41	0.35	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 08, 2019	0.40	0.47	0.40	100.0%
18960601	402	876	MOORE	13132050	4	Jul 08, 2019	0.07	0.08	0.07	100.0%
18960601	158	540	MOORE	13132050	4	Jul 08, 2019	0.32	0.37	0.32	100.0%
18960601	417	381	MOORE	13132050	4	Jul 08, 2019	2.40	2.80	2.40	100.0%
18960601	417	992	MOORE	13132050	4	Jul 08, 2019	1.20	1.40	1.20	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 08, 2019	0.60	0.70	0.60	100.0%
18960601	441	207	MOORE	13132050	4	Jul 08, 2019	0.99	1.15	0.99	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 08, 2019	2.12	2.47	2.12	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 08, 2019	0.03	0.03	0.03	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 08, 2019	1.56	1.82	1.56	100.0%
18960601	459	993	MOORE	13132050	4	Jul 08, 2019	0.40	0.47	0.40	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 08, 2019	0.40	0.47	0.40	100.0%

18960601	651	1732	MOORE	13132050	4	Jul 08, 2019	0.02	0.02	0.02	100.0%
18960601	533	424	MOORE	13132050	4	Jul 08, 2019	0.06	0.07	0.06	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.04	0.04	0.04	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 08, 2019	0.70	0.82	0.70	100.0%
18960601	2431	1831	EASTSIDE FIELD H	13132061	4	Jul 08, 2019	0.85	0.99	0.85	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 08, 2019	0.41	0.48	0.41	100.0%
18960601	668	1562	LOWER EASTSIDE &	13132291	4	Jul 08, 2019	0.36	0.42	0.36	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 08, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 08, 2019	2.00	2.36	2.00	100.0%
18960901	437	671	ARCO	13132365	2	Jul 08, 2019	0.13	0.15	0.13	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 08, 2019	0.03	0.04	0.03	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 08, 2019	0.51	0.60	0.51	100.0%
18960928	15	80	MUNSEY	13132375	2	Jul 08, 2019	2.33	2.75	2.33	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 08, 2019	1.97	2.33	1.97	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 08, 2019	4.40	5.20	4.40	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 08, 2019	0.15	0.15	0.15	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 08, 2019	6.00	6.00	6.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 08, 2019	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 08, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jul 08, 2019	0.22	0.26	0.22	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jul 08, 2019	0.24	0.28	0.24	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 08, 2019	0.13	0.15	0.13	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 08, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jul 08, 2019	1.24	1.24	1.24	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.65	0.76	0.65	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.65	0.76	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jul 08, 2019	1.20	1.20	1.20	100.0%
18980901	268	562	ARCO	13132365	2	Jul 08, 2019	1.57	1.85	1.57	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	1.00	1.16	1.00	100.0%
18990327	180	468	MOORE	13132050	4	Jul 08, 2019	0.05	0.06	0.05	100.0%
18990327	113	584	MOORE	13132050	4	Jul 08, 2019	0.03	0.03	0.03	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 08, 2019	0.21	0.24	0.21	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 08, 2019	0.60	0.70	0.60	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 08, 2019	0.53	0.62	0.53	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 08, 2019	0.01	0.01	0.01	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jul 08, 2019	2.80	3.31	2.80	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 08, 2019	0.03	0.03	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 08, 2019	0.03	0.03	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 08, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 08, 2019	0.60	0.60	0.60	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jul 08, 2019	0.40	0.47	0.40	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 08, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 08, 2019	0.52	0.52	0.52	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 08, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 08, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 08, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.20	0.23	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jul 08, 2019	0.15	0.17	0.15	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jul 08, 2019	0.30	0.30	0.30	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 08, 2019	3.20	3.20	3.20	100.0%
19010901	70	339	MOORE	13132050	4	Jul 08, 2019	0.12	0.14	0.12	100.0%
19010901	459	340	MOORE	13132050	4	Jul 08, 2019	0.23	0.27	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jul 08, 2019	0.35	0.41	0.35	100.0%
19011001	263	396	MOORE	13132050	4	Jul 08, 2019	0.12	0.14	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 08, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	Jul 08, 2019	1.31	1.55	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 08, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.20	0.23	0.20	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.20	0.23	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 08, 2019	0.31	0.36	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.44	0.51	0.44	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 08, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 08, 2019	0.90	0.90	0.90	100.0%

19020301	364	952	CHILLY	13121105	9	Jul 08, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 08, 2019	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 08, 2019	3.25	3.25	3.25	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 08, 2019	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 08, 2019	3.40	3.40	3.40	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 08, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 08, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 08, 2019	2.70	3.15	2.70	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 08, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 08, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 08, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 08, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 08, 2019	1.22	1.22	1.22	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 08, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 08, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 08, 2019	0.24	0.24	0.24	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jul 08, 2019	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 08, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jul 08, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 08, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 08, 2019	1.56	1.82	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jul 08, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jul 08, 2019	0.38	0.38	0.38	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 08, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jul 08, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 08, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 08, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 08, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jul 08, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	KENT	13120605	9	Jul 08, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 08, 2019	0.44	0.44	0.44	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jul 08, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jul 08, 2019	0.62	0.62	0.62	100.0%
19050501	59	784	BITTON	13120735	9	Jul 08, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 08, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 08, 2019	0.44	0.44	0.44	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 08, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 08, 2019	0.31	0.31	0.31	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 08, 2019	1.52	1.52	1.52	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 08, 2019	0.82	0.82	0.82	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 08, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 08, 2019	0.40	0.40	0.40	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 08, 2019	0.50	0.50	0.50	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 08, 2019	1.30	1.30	1.30	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 08, 2019	0.12	0.12	0.12	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 08, 2019	0.10	0.10	0.10	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 08, 2019	0.65	0.65	0.65	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jul 08, 2019	0.27	0.27	0.27	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 08, 2019	0.58	0.58	0.58	100.0%
19050501	364	690	CHILLY	13121105	9	Jul 08, 2019	1.10	1.10	1.10	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 08, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 08, 2019	0.40	0.40	0.40	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 08, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jul 08, 2019	0.19	0.22	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	Jul 08, 2019	0.50	0.50	0.50	100.0%
19061001	2431	1855	EASTSIDE FIELD H	13132061	4	Jul 08, 2019	0.16	0.19	0.16	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 08, 2019	0.42	0.42	0.42	99.5%
19070711	59	2146	KENT	13120605	9	Jul 08, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	Jul 08, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	KENT	13120605	9	Jul 08, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	BITTON	13120735	9	Jul 08, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	BITTON	13120735	9	Jul 08, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jul 08, 2019	0.53	0.53	0.53	100.0%
19080715	364	692	CHILLY	13121105	9	Jul 08, 2019	0.50	0.50	0.50	100.0%

19081207	70	343	MOORE	13132050	4	Jul 08, 2019	0.17	0.20	0.17	100.0%
19081207	459	1080	MOORE	13132050	4	Jul 08, 2019	0.50	0.58	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jul 08, 2019	0.33	0.38	0.33	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jul 08, 2019	0.82	0.82	0.82	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 08, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 08, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 08, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 08, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Jul 08, 2019	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 08, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 08, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 08, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 08, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 08, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 08, 2019	1.70	1.70	1.70	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jul 08, 2019	2.40	2.40	2.40	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.02	0.02	0.02	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jul 08, 2019	0.13	0.15	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 08, 2019	1.39	1.39	1.39	100.0%
19140103	59	1361	KENT	13120605	9	Jul 08, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	KENT	13120605	9	Jul 08, 2019	0.69	0.69	0.69	100.0%
19140103	2610	2092	KENT	13120605	9	Jul 08, 2019	0.77	0.77	0.77	100.0%
19140103	59	1361	BITTON	13120735	9	Jul 08, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 08, 2019	0.69	0.69	0.69	100.0%
19140103	2610	2092	BITTON	13120735	9	Jul 08, 2019	0.77	0.77	0.77	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 08, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 08, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 08, 2019	0.02	0.02	0.02	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 08, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 08, 2019	0.11	0.11	0.11	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jul 08, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 08, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Jul 08, 2019	2.35	2.35	2.35	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 08, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 08, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 08, 2019	0.88	0.88	0.88	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jul 08, 2019	0.32	0.32	0.32	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 08, 2019	1.00	1.00	1.00	100.0%
19170503	364	630	CHILLY	13121105	9	Jul 08, 2019	0.40	0.40	0.40	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 08, 2019	4.26	4.26	4.26	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 08, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jul 08, 2019	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	Jul 08, 2019	0.01	0.01	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	Jul 08, 2019	0.79	0.93	0.79	100.0%
19240806	417	695	MOORE	13132050	4	Jul 08, 2019	0.50	0.58	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jul 08, 2019	0.44	0.51	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jul 08, 2019	0.11	0.13	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jul 08, 2019	4.90	5.71	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jul 08, 2019	0.02	0.02	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jul 08, 2019	4.40	5.20	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 08, 2019	16.00	18.90	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jul 08, 2019	1.34	1.58	1.34	100.0%
19810501	566	1684	MOORE	13132050	4	Jul 08, 2019	0.82	0.95	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jul 08, 2019	8.06	9.39	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jul 08, 2019	49.26	57.38	49.26	100.0%
19950411	476	1273	ARCO	13132365	2	Jul 08, 2019	13.78	16.28	13.78	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jul 08, 2019	5.58	6.59	5.58	100.0%
19950411	476	1273	BECK	13130525	4	Jul 08, 2019	1.00	1.16	1.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jul 08, 2019	12.44	12.44	12.44	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jul 08, 2019	28.46	28.46	28.46	100.0%
19950411	476	1273	BURNETT	13127750	5	Jul 08, 2019	49.88	49.88	49.88	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jul 08, 2019	16.00	16.00	16.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jul 08, 2019	5.00	5.00	5.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jul 08, 2019	9969.40	9969.40	249.96	2.5%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 9, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 9	703.0	4.0	0.0	707.0	0.00	707.0	4.0	0.0	0.0	703.0	0.0	0.0
9	Howell to Chilly	Jul 9	538.0	126.1	0.0	-38.9	0.06	668.1	120.4	5.7	0.0	543.7	-5.7	0.0
8	Chilly to Reservoir	* Jul 9	683.2	60.3	0.0	205.5	0.00	873.6	57.5	2.9	0.0	691.8	-8.6	0.0
	Connected													
7	Mackay Reservoir	* Jul 9	675.4	0.0	0.0	0.0	0.00	938.5	216.7		0.0	475.1	200.3	0.0
6	Reservoir to 2B	Jul 9	665.0	10.4	0.0	0.0	0.00	873.6	10.3	0.1	0.0	464.8	200.2	0.0
5	2B to Leslie	Jul 9	540.0	189.9	0.0	64.9	0.00	938.5	175.7	14.2	0.0	353.9	186.1	0.0
4	Leslie to Moore	Jul 9	139.0	308.0	0.0	-93.0	0.17	938.5	210.0	98.1	0.0	83.0	55.9	0.0
2	Moore to blw Munsey	Jul 9	43.5	98.0	0.0	2.5	0.00	941.1	85.6	12.4	0.0	0.0	43.5	0.0
1	Blw Munsey to Arco	Jul 9	64.3	0.0	0.0	20.8	0.00	961.9	0.0	0.0	0.0	20.8	43.5	0.0
								TOTAL	880.1	133.4	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 9	0.0	0.0		20180101	2%
9	Howell to Chilly	Jul 9	0.0	0.0		20180101	2%
8	Chilly to Reservoir	Jul 9	0.0	0.0		20180101	2%
	Connected						
7	Mackay Reservoir	Jul 9	0.0	0.0		20180101	2%
6	Reservoir to 2B	Jul 9	0.0	0.0		20180101	2%
5	2B to Leslie	Jul 9	0.0	0.0		20180101	2%
4	Leslie to Moore	Jul 9	61.0	32.0		20180101	2%
2	Moore to blw Munsey	Jul 9	0.0	0.0		20180101	2%
1	Blw Munsey to Arco	Jul 9	0.0	0.0		20180101	2%
	TOTAL		61.0	32.0	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	444.3
2	18810630	1.7	294.0	236.0
3	18880601	3.2	556.5	444.3
4	18960601	6.4	1113.0	888.6
5	19020301	0.8	140.0	111.1
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	69526.7
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	115502.0

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44470.0	44460.0	-10.0	-5.0	12.8

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	71651.0
Total Storage Loss	-39377.9
Total Storage Deliver	-15590.5
Total Evaporation	-1093.4
Accounting Balance	44459.2
Current Res Content	44460.0
Storage Balance Error	-0.8

DAILY STORAGE BALANCE

44470.0	Reservoir Content Previous Day [ac-ft]
44460.0	Reservoir Content Current Day [ac-ft]
-10.0	Physical Change in Storage [ac-ft]
429.9	Storage Allocated to Mackay Reservoir [ac-ft]
-149.8	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-32.0	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-43.5	Past Arco Gage [cfs]
-264.7	Storage Delivered [ac-ft]
8.6	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
14.2	2B to Leslie [cfs]
98.1	Leslie to Moore [cfs]
12.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-25.5	Evaporation [ac-ft]
-10.1	Accounting Change in Storage [ac-ft]
-0.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

683.2	Gain in/above Mackay Reservoir [cfs]
64.9	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
2.5	Gain in Reach 2: Moore to Munsey [cfs]
20.8	Gain in Reach 1: Munsey to Arco [cfs]
771.4	Total Available Natural Flow [cfs]
216.7	Reservoir Rights Diverted [cfs]
81.8	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
61.0	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
20.8	Natural Flow Past Arco Gage [cfs]
473.0	Natural Flow Delivered [cfs]
-8.6	Above Reservoir Storage Use [cfs]
10.3	Reservoir to 2B [cfs]
175.7	2B to Leslie [cfs]
210.0	Leslie to Moore [cfs]
85.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
771.5	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	9.6	480
Eastside Felton Wier +	65.8	3290
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	75.4	3770
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.8	38
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	5.6	280
Eastside R Reynolds Delivery +	2.7	135
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	106.6	5332
Island Babcock Delivery +	0.9	45
Island Felton Farms Delivery +	2.0	100
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	4.4	218
Island Wanstrom David +	0.0	0
Eastside OUT	47.9	2395
Total Out	170.9	8543

Abbreviated Reach Delivery Factor Total Out Divided By Total In	2.27

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 379.2%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 47.9 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 12.6 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 79.2%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 16.0 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 114.0 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 232.8%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 300.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 9, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.3	0.0	0.3	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.9	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	10.4	0.1	18.2
9	BITTON	6.3	0.0	0.3	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.6	0.0	47.2	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	29.8	3.3	315.9
9	Thalman Hunter D	4.6	0.0	39.2	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	56.1	2.8	747.6
9	NEILSEN	50.3	5.7	471.1	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	88.0	8.1	1365.7
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	47.0	0.0	0.0	8	Broken River Pum	3.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	16.0	8.4	630.9
8	Mtn. Springs 3	2.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	4.0	4.0	418.5
8	Donahue 1	0.8	0.7	106.5	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	8.1
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	242.0
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	156.0	12.0	2795.9
8	Mtn. Springs 1	2.5	2.0	491.7	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	114.0	74.5	7391.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	40.0	9.5	950.8
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	58.0	4.0	345.4
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.6	0.1	1.4	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	0.0	464.1	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 09, 2019	4.24	4.24	4.24	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 09, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 09, 2019	0.59	0.59	0.59	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 09, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 09, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 09, 2019	0.84	0.84	0.84	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 09, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 09, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 09, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 09, 2019	1.20	1.20	1.20	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 09, 2019	1.54	1.86	1.54	100.0%
18830601	221	855	MOORE	13132050	4	Jul 09, 2019	1.60	1.93	1.60	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 09, 2019	0.27	0.33	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 09, 2019	0.79	0.95	0.79	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 09, 2019	1.13	1.37	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 09, 2019	1.72	2.08	1.72	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 09, 2019	0.18	0.22	0.18	100.0%
18830810	263	393	MOORE	13132050	4	Jul 09, 2019	0.18	0.22	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 09, 2019	0.01	0.01	0.01	100.0%
18830810	96	449	MOORE	13132050	4	Jul 09, 2019	0.48	0.58	0.48	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.21	0.26	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.43	0.52	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.21	0.26	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 09, 2019	1.64	1.98	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 09, 2019	0.14	0.17	0.14	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 09, 2019	1.12	1.12	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 09, 2019	0.07	0.07	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 09, 2019	1.50	1.50	1.50	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 09, 2019	0.20	0.20	0.20	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 09, 2019	2.17	2.17	2.17	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 09, 2019	0.14	0.14	0.14	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 09, 2019	0.55	0.55	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 09, 2019	1.63	1.63	1.63	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 09, 2019	0.96	0.96	0.96	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 09, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 09, 2019	0.21	0.21	0.21	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 09, 2019	1.92	1.92	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 09, 2019	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 09, 2019	2.00	2.00	2.00	100.0%
18840422	347	938	SHARP	13126500	6	Jul 09, 2019	2.50	2.50	2.50	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 09, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 09, 2019	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	Jul 09, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Jul 09, 2019	0.13	0.13	0.13	100.0%
18840430	141	1365	BECK	13130525	4	Jul 09, 2019	1.00	1.21	1.00	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 09, 2019	0.80	0.80	0.80	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 09, 2019	0.80	0.80	0.80	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 09, 2019	0.40	0.40	0.40	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 09, 2019	0.40	0.40	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 09, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 09, 2019	1.80	1.80	1.80	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 09, 2019	0.18	0.22	0.18	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 09, 2019	0.38	0.46	0.38	100.0%
18840520	113	585	MOORE	13132050	4	Jul 09, 2019	0.11	0.13	0.11	100.0%
18840520	96	451	MOORE	13132050	4	Jul 09, 2019	0.58	0.70	0.58	100.0%
18840520	180	470	MOORE	13132050	4	Jul 09, 2019	0.16	0.19	0.16	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 09, 2019	0.01	0.01	0.01	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 09, 2019	0.04	0.05	0.04	100.0%
18840520	242	210	MOORE	13132050	4	Jul 09, 2019	0.21	0.25	0.21	100.0%

18840520	263	394	MOORE	13132050	4	Jul 09, 2019	0.22	0.27	0.22	100.0%
18840520	427	1	MOORE	13132050	4	Jul 09, 2019	1.12	1.35	1.12	100.0%
18840520	433	271	MOORE	13132050	4	Jul 09, 2019	0.54	0.65	0.54	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 09, 2019	0.01	0.01	0.01	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 09, 2019	0.78	0.94	0.78	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 09, 2019	0.02	0.02	0.02	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 09, 2019	2.24	2.71	2.24	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 09, 2019	2.14	2.59	2.14	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 09, 2019	0.50	0.60	0.50	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 09, 2019	0.80	0.97	0.80	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 09, 2019	1.60	1.93	1.60	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 09, 2019	0.22	0.27	0.22	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.80	0.97	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 09, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 09, 2019	0.50	0.50	0.50	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 09, 2019	1.20	1.45	1.20	100.0%
18840601	263	395	MOORE	13132050	4	Jul 09, 2019	0.08	0.10	0.08	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 09, 2019	0.01	0.01	0.01	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 09, 2019	1.28	1.55	1.28	100.0%
18840601	96	453	MOORE	13132050	4	Jul 09, 2019	0.21	0.25	0.21	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 09, 2019	0.08	0.10	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 09, 2019	0.09	0.11	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 09, 2019	0.54	0.65	0.54	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 09, 2019	0.16	0.19	0.16	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 09, 2019	0.40	0.40	0.40	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 09, 2019	0.20	0.20	0.20	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 09, 2019	0.80	0.80	0.80	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 09, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 09, 2019	0.27	0.27	0.27	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 09, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 09, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 09, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 09, 2019	0.80	0.80	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 09, 2019	0.80	0.97	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 09, 2019	0.54	0.65	0.54	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 09, 2019	1.20	1.45	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 09, 2019	0.80	0.97	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 09, 2019	1.20	1.45	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jul 09, 2019	0.80	0.97	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 09, 2019	0.40	0.48	0.40	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 09, 2019	0.09	0.11	0.09	100.0%
18840831	533	421	MOORE	13132050	4	Jul 09, 2019	0.14	0.17	0.14	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 09, 2019	0.20	0.24	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 09, 2019	0.58	0.70	0.58	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.40	0.48	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.50	0.60	0.50	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.44	0.53	0.44	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 09, 2019	1.31	1.58	1.31	100.0%
18840831	2431	1799	EASTSIDE FIELD H	13132061	4	Jul 09, 2019	0.13	0.16	0.13	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.40	0.48	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 09, 2019	3.20	3.87	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 09, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 09, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jul 09, 2019	1.76	2.13	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 09, 2019	1.25	1.51	1.25	100.0%
18841012	70	341	MOORE	13132050	4	Jul 09, 2019	0.31	0.37	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Jul 09, 2019	0.58	0.70	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 09, 2019	0.89	1.08	0.89	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 09, 2019	0.40	0.40	0.40	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 09, 2019	0.81	0.81	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 09, 2019	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 09, 2019	0.74	0.74	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 09, 2019	3.30	3.30	3.30	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 09, 2019	2.78	2.78	2.78	100.0%

18841012	347	1974	SHARP	13126500	6	Jul 09, 2019	0.66	0.66	0.66	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 09, 2019	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 09, 2019	1.65	1.65	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jul 09, 2019	0.23	0.23	0.23	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 09, 2019	0.24	0.24	0.24	100.0%
18850501	426	887	ARCO	13132365	2	Jul 09, 2019	0.64	0.77	0.53	82.8%
18850501	423	186	ARCO	13132365	2	Jul 09, 2019	0.26	0.31	0.22	82.8%
18850501	423	87	ARCO	13132365	2	Jul 09, 2019	0.20	0.24	0.17	82.8%
18850501	468	59	ARCO	13132365	2	Jul 09, 2019	0.74	0.89	0.61	82.8%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 09, 2019	0.24	0.29	0.24	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 09, 2019	0.20	0.24	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 09, 2019	1.80	2.17	1.80	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jul 09, 2019	2.00	2.42	2.00	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 09, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 09, 2019	0.50	0.50	0.50	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.20	0.24	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	1.40	1.69	1.40	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.20	0.24	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 09, 2019	0.30	0.36	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jul 09, 2019	0.48	0.58	0.48	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 09, 2019	0.56	0.68	0.56	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 09, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 09, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 09, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 09, 2019	1.37	1.37	1.37	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 09, 2019	0.04	0.05	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 09, 2019	1.56	1.88	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	2.80	3.38	2.80	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 09, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 09, 2019	0.59	0.71	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 09, 2019	1.20	1.45	1.20	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 09, 2019	1.40	1.40	1.40	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 09, 2019	0.36	0.36	0.36	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 09, 2019	1.54	1.54	1.54	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 09, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 09, 2019	1.54	1.54	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jul 09, 2019	3.60	4.35	2.90	80.5%
18851002	437	62	ARCO	13132365	2	Jul 09, 2019	1.54	1.86	1.54	100.0%
18851002	318	817	MUNSEY	13132375	2	Jul 09, 2019	0.80	0.97	0.80	100.0%
18851002	318	545	MUNSEY	13132375	2	Jul 09, 2019	0.75	0.91	0.75	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 09, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 09, 2019	1.60	1.93	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 09, 2019	2.80	3.38	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jul 09, 2019	1.20	1.45	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 09, 2019	5.36	6.48	5.36	100.0%
18860512	263	398	MOORE	13132050	4	Jul 09, 2019	0.18	0.22	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 09, 2019	0.18	0.22	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jul 09, 2019	0.48	0.58	0.48	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 09, 2019	0.01	0.01	0.01	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	1.77	2.14	1.77	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 09, 2019	0.08	0.10	0.08	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 09, 2019	2.40	2.90	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 09, 2019	0.20	0.24	0.20	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	1.00	1.21	1.00	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	1.24	1.50	1.24	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	1.60	1.93	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 09, 2019	0.45	0.45	0.45	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jul 09, 2019	0.50	0.50	0.50	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.80	0.97	0.80	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.10	0.12	0.10	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	1.00	1.21	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 09, 2019	0.60	0.60	0.60	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 09, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 09, 2019	0.52	0.52	0.52	100.0%

18860721	336	294	BURNETT	13127750	5	Jul 09, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jul 09, 2019	0.84	1.01	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 09, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 09, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 09, 2019	0.34	0.34	0.34	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 09, 2019	1.60	1.93	1.60	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 09, 2019	3.20	3.87	3.20	100.0%
18870313	459	682	MOORE	13132050	4	Jul 09, 2019	0.65	0.79	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Jul 09, 2019	0.42	0.51	0.42	100.0%
18870313	70	337	MOORE	13132050	4	Jul 09, 2019	0.23	0.28	0.23	100.0%
18870313	433	683	MOORE	13132050	4	Jul 09, 2019	0.13	0.16	0.13	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 09, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 09, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 09, 2019	3.20	3.87	3.20	100.0%
18870601	468	893	ARCO	13132365	2	Jul 09, 2019	1.00	1.21	1.00	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 09, 2019	1.80	2.17	1.80	100.0%
18870601	423	76	ARCO	13132365	2	Jul 09, 2019	0.22	0.27	0.22	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jul 09, 2019	0.50	0.60	0.50	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 09, 2019	1.00	1.21	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 09, 2019	3.20	3.87	3.20	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 09, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 09, 2019	0.75	0.75	0.75	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 09, 2019	0.16	0.16	0.16	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 09, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 09, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 09, 2019	0.80	0.80	0.80	100.0%
18870630	236	1428	BECK	13130525	4	Jul 09, 2019	0.36	0.43	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 09, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jul 09, 2019	0.42	0.51	0.42	100.0%
18870801	623	2203	BURNETT	13127750	5	Jul 09, 2019	0.33	0.33	0.33	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 09, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 09, 2019	0.49	0.49	0.49	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 09, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 09, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jul 09, 2019	0.33	0.40	0.33	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	1.50	1.81	1.50	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 09, 2019	0.76	0.76	0.76	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 09, 2019	0.50	0.50	0.50	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 09, 2019	0.84	0.84	0.84	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 09, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 09, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 09, 2019	0.40	0.48	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 09, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 09, 2019	0.73	0.73	0.73	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 09, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 09, 2019	0.30	0.30	0.30	100.0%
18881101	59	2222	KENT	13120605	9	Jul 09, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 09, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 09, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 09, 2019	0.77	0.77	0.77	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 09, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 09, 2019	0.18	0.22	0.18	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 09, 2019	0.34	0.41	0.34	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 09, 2019	0.50	0.60	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jul 09, 2019	0.97	1.17	0.97	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 09, 2019	0.80	0.80	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 09, 2019	1.20	1.20	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 09, 2019	2.70	2.70	2.70	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 09, 2019	0.70	0.70	0.70	100.0%
18900601	372	886	ARCO	13132365	2	Jul 09, 2019	0.59	0.71	0.59	100.0%
18900601	426	756	ARCO	13132365	2	Jul 09, 2019	0.57	0.69	0.57	100.0%
18900601	48	1023	MUNSEY	13132375	2	Jul 09, 2019	3.00	3.62	3.00	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 09, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 09, 2019	0.49	0.49	0.49	100.0%

18900801	101	1326	Johnson/Navarro	13124090	8	Jul 09, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 09, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 09, 2019	1.76	1.76	1.76	100.0%
18910630	205	2065	BECK	13130525	4	Jul 09, 2019	1.25	1.51	1.25	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 09, 2019	0.60	0.72	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 09, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 09, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 09, 2019	0.20	0.24	0.20	100.0%
18920101	2615	1643	MOORE	13132050	4	Jul 09, 2019	1.16	1.40	1.16	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jul 09, 2019	0.80	0.97	0.80	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 09, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 09, 2019	1.45	1.45	1.45	100.0%
18930201	414	1865	MOORE	13132050	4	Jul 09, 2019	0.30	0.36	0.30	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 09, 2019	0.30	0.36	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jul 09, 2019	0.22	0.27	0.22	100.0%
18930201	158	538	MOORE	13132050	4	Jul 09, 2019	0.03	0.04	0.03	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 09, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	Jul 09, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 09, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	KENT	13120605	9	Jul 09, 2019	0.60	0.60	0.60	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 09, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 09, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 09, 2019	0.03	0.03	0.03	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 09, 2019	0.96	0.96	0.96	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 09, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 09, 2019	0.40	0.40	0.40	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 09, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 09, 2019	2.98	2.98	2.98	100.0%
18940531	5	776	MOORE	13132050	4	Jul 09, 2019	0.20	0.24	0.20	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 09, 2019	3.20	3.87	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jul 09, 2019	0.15	0.18	0.15	100.0%
18940601	158	536	MOORE	13132050	4	Jul 09, 2019	0.02	0.02	0.02	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	2.02	2.44	2.02	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 09, 2019	0.11	0.11	0.11	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 09, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jul 09, 2019	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 09, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 09, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 09, 2019	0.80	0.97	0.80	100.0%
18950601	242	212	MOORE	13132050	4	Jul 09, 2019	0.11	0.13	0.11	100.0%
18950601	417	378	MOORE	13132050	4	Jul 09, 2019	0.10	0.12	0.10	100.0%
18950601	158	534	MOORE	13132050	4	Jul 09, 2019	0.01	0.01	0.01	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.40	0.48	0.40	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.72	0.87	0.72	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 09, 2019	0.30	0.30	0.30	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 09, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 09, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jul 09, 2019	1.74	2.10	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 09, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jul 09, 2019	0.25	0.31	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jul 09, 2019	0.25	0.31	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 09, 2019	3.20	3.20	3.20	100.0%
18960601	417	992	MOORE	13132050	4	Jul 09, 2019	1.20	1.45	1.20	100.0%
18960601	406	65	MOORE	13132050	4	Jul 09, 2019	0.30	0.36	0.30	100.0%
18960601	263	399	MOORE	13132050	4	Jul 09, 2019	0.27	0.33	0.27	100.0%
18960601	417	381	MOORE	13132050	4	Jul 09, 2019	2.40	2.90	2.40	100.0%
18960601	263	397	MOORE	13132050	4	Jul 09, 2019	0.35	0.42	0.35	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 09, 2019	0.44	0.53	0.44	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 09, 2019	0.23	0.28	0.23	100.0%
18960601	309	877	MOORE	13132050	4	Jul 09, 2019	0.07	0.08	0.07	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 09, 2019	0.48	0.58	0.48	100.0%
18960601	96	457	MOORE	13132050	4	Jul 09, 2019	0.92	1.11	0.92	100.0%
18960601	96	461	MOORE	13132050	4	Jul 09, 2019	0.03	0.04	0.03	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 09, 2019	1.56	1.88	1.56	100.0%

18960601	651	1732	MOORE	13132050	4	Jul 09, 2019	0.02	0.02	0.02	100.0%
18960601	441	207	MOORE	13132050	4	Jul 09, 2019	0.99	1.20	0.99	100.0%
18960601	158	540	MOORE	13132050	4	Jul 09, 2019	0.32	0.39	0.32	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 09, 2019	2.12	2.56	2.12	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 09, 2019	0.40	0.48	0.40	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 09, 2019	0.60	0.72	0.60	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 09, 2019	0.03	0.04	0.03	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 09, 2019	0.40	0.48	0.40	100.0%
18960601	533	424	MOORE	13132050	4	Jul 09, 2019	0.06	0.07	0.06	100.0%
18960601	402	876	MOORE	13132050	4	Jul 09, 2019	0.07	0.08	0.07	100.0%
18960601	459	993	MOORE	13132050	4	Jul 09, 2019	0.40	0.48	0.40	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.04	0.04	0.04	100.0%
18960601	668	1562	LOWER EASTSIDE &	13132291	4	Jul 09, 2019	0.36	0.43	0.36	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 09, 2019	0.41	0.50	0.41	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 09, 2019	0.70	0.85	0.70	100.0%
18960601	2431	1831	EASTSIDE FIELD H	13132061	4	Jul 09, 2019	0.85	1.03	0.85	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 09, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 09, 2019	2.00	2.42	2.00	100.0%
18960901	437	671	ARCO	13132365	2	Jul 09, 2019	0.13	0.16	0.13	100.0%
18960928	15	80	MUNSEY	13132375	2	Jul 09, 2019	2.33	2.81	2.33	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 09, 2019	0.51	0.62	0.51	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 09, 2019	0.03	0.04	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 09, 2019	1.97	2.38	1.97	100.0%
18960928	90	46	MUNSEY	13132375	2	Jul 09, 2019	0.80	0.97	0.80	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 09, 2019	4.40	5.32	4.40	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 09, 2019	6.00	6.00	6.00	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 09, 2019	0.65	0.65	0.65	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 09, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jul 09, 2019	0.16	0.19	0.16	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 09, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jul 09, 2019	0.22	0.27	0.22	100.0%
18970615	306	1697	MOORE	13132050	4	Jul 09, 2019	0.02	0.02	0.02	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jul 09, 2019	0.24	0.29	0.24	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 09, 2019	0.13	0.16	0.13	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 09, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jul 09, 2019	1.24	1.24	1.24	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.65	0.79	0.65	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.65	0.79	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jul 09, 2019	1.20	1.20	1.20	100.0%
18980901	268	562	ARCO	13132365	2	Jul 09, 2019	1.57	1.90	1.57	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	1.00	1.21	1.00	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 09, 2019	0.53	0.64	0.53	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 09, 2019	0.01	0.01	0.01	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 09, 2019	0.21	0.25	0.21	100.0%
18990327	180	468	MOORE	13132050	4	Jul 09, 2019	0.05	0.06	0.05	100.0%
18990327	113	584	MOORE	13132050	4	Jul 09, 2019	0.03	0.04	0.03	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 09, 2019	0.60	0.72	0.60	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jul 09, 2019	2.80	3.38	2.80	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 09, 2019	0.03	0.04	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 09, 2019	0.03	0.04	0.03	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 09, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 09, 2019	2.74	2.74	2.74	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jul 09, 2019	0.40	0.48	0.40	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 09, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 09, 2019	0.52	0.52	0.52	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 09, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 09, 2019	0.21	0.21	0.21	100.0%
19000924	318	543	MUNSEY	13132375	2	Jul 09, 2019	1.04	1.26	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 09, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.20	0.24	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jul 09, 2019	0.15	0.18	0.15	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jul 09, 2019	0.30	0.30	0.30	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 09, 2019	3.20	3.20	3.20	100.0%

19010901	70	339	MOORE	13132050	4	Jul 09, 2019	0.12	0.14	0.12	100.0%
19010901	459	684	MOORE	13132050	4	Jul 09, 2019	0.35	0.42	0.35	100.0%
19010901	459	340	MOORE	13132050	4	Jul 09, 2019	0.23	0.28	0.23	100.0%
19011001	263	396	MOORE	13132050	4	Jul 09, 2019	0.12	0.14	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 09, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	Jul 09, 2019	1.31	1.58	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 09, 2019	2.60	2.60	2.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.20	0.24	0.20	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.20	0.24	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 09, 2019	0.31	0.37	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.44	0.53	0.44	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 09, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 09, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 09, 2019	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 09, 2019	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 09, 2019	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 09, 2019	3.25	3.25	3.25	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 09, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 09, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 09, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 09, 2019	2.70	3.26	2.70	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 09, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 09, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 09, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 09, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 09, 2019	1.22	1.22	1.22	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 09, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 09, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 09, 2019	0.24	0.24	0.24	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jul 09, 2019	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 09, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jul 09, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 09, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 09, 2019	1.56	1.88	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jul 09, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jul 09, 2019	0.38	0.38	0.38	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jul 09, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 09, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 09, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 09, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 09, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jul 09, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 09, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	KENT	13120605	9	Jul 09, 2019	0.45	0.45	0.45	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jul 09, 2019	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jul 09, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 09, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 09, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	BITTON	13120735	9	Jul 09, 2019	0.02	0.02	0.02	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 09, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 09, 2019	0.31	0.31	0.31	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 09, 2019	1.30	1.30	1.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 09, 2019	0.65	0.65	0.65	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 09, 2019	0.12	0.12	0.12	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 09, 2019	0.30	0.30	0.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 09, 2019	0.10	0.10	0.10	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jul 09, 2019	0.27	0.27	0.27	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 09, 2019	1.52	1.52	1.52	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 09, 2019	0.40	0.40	0.40	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 09, 2019	0.50	0.50	0.50	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 09, 2019	0.82	0.82	0.82	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 09, 2019	0.58	0.58	0.58	100.0%
19050501	364	690	CHILLY	13121105	9	Jul 09, 2019	1.10	1.10	1.10	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 09, 2019	0.40	0.40	0.40	100.0%

19050501	129	2187	CHILLY	13121105	9	Jul 09, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 09, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jul 09, 2019	0.19	0.23	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	Jul 09, 2019	0.50	0.50	0.50	100.0%
19061001	2431	1855	EASTSIDE FIELD H	13132061	4	Jul 09, 2019	0.16	0.19	0.16	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 09, 2019	0.42	0.42	0.42	99.5%
19070711	59	786	KENT	13120605	9	Jul 09, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	KENT	13120605	9	Jul 09, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	KENT	13120605	9	Jul 09, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	BITTON	13120735	9	Jul 09, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	BITTON	13120735	9	Jul 09, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	BITTON	13120735	9	Jul 09, 2019	0.03	0.03	0.03	100.0%
19080715	364	692	CHILLY	13121105	9	Jul 09, 2019	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jul 09, 2019	0.33	0.40	0.33	100.0%
19081207	459	1080	MOORE	13132050	4	Jul 09, 2019	0.50	0.60	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jul 09, 2019	0.17	0.21	0.17	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jul 09, 2019	0.82	0.82	0.82	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 09, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 09, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 09, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 09, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Jul 09, 2019	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 09, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 09, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 09, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 09, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jul 09, 2019	2.40	2.40	2.40	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 09, 2019	1.70	1.70	1.70	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 09, 2019	2.10	2.10	2.10	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.02	0.02	0.02	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jul 09, 2019	0.13	0.16	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 09, 2019	1.39	1.39	1.39	100.0%
19140103	2610	2092	KENT	13120605	9	Jul 09, 2019	0.77	0.77	0.77	100.0%
19140103	59	2233	KENT	13120605	9	Jul 09, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	KENT	13120605	9	Jul 09, 2019	0.04	0.04	0.04	100.0%
19140103	2610	2092	BITTON	13120735	9	Jul 09, 2019	0.77	0.77	0.77	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 09, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	BITTON	13120735	9	Jul 09, 2019	0.04	0.04	0.04	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 09, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 09, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 09, 2019	0.02	0.02	0.02	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 09, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 09, 2019	0.11	0.11	0.11	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jul 09, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 09, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Jul 09, 2019	2.35	2.35	2.35	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 09, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 09, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 09, 2019	0.88	0.88	0.88	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jul 09, 2019	0.32	0.32	0.32	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 09, 2019	1.00	1.00	1.00	100.0%
19170503	364	630	CHILLY	13121105	9	Jul 09, 2019	0.40	0.40	0.40	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 09, 2019	4.26	4.26	4.26	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 09, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jul 09, 2019	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	Jul 09, 2019	0.79	0.95	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	Jul 09, 2019	0.01	0.01	0.01	100.0%
19240806	417	695	MOORE	13132050	4	Jul 09, 2019	0.50	0.60	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jul 09, 2019	0.44	0.53	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jul 09, 2019	0.11	0.13	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jul 09, 2019	4.90	5.92	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jul 09, 2019	0.02	0.02	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jul 09, 2019	4.40	5.32	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 09, 2019	16.00	19.33	16.00	100.0%

19770529	327	176	MUNSEY	13132375	2	Jul 09, 2019	1.34	1.62	1.34	100.0%
19810501	566	1684	MOORE	13132050	4	Jul 09, 2019	0.82	0.99	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jul 09, 2019	8.06	9.74	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jul 09, 2019	58.34	70.48	58.34	100.0%
19950411	476	1273	ARCO	13132365	2	Jul 09, 2019	13.28	16.04	13.28	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jul 09, 2019	5.68	6.86	5.68	100.0%
19950411	476	1273	BECK	13130525	4	Jul 09, 2019	1.00	1.21	1.00	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jul 09, 2019	10.48	10.48	10.48	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jul 09, 2019	28.86	28.86	28.86	100.0%
19950411	476	1273	BURNETT	13127750	5	Jul 09, 2019	45.78	45.78	45.78	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jul 09, 2019	16.00	16.00	16.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jul 09, 2019	5.10	5.10	5.10	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jul 09, 2019	9969.40	9969.40	201.44	2.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 10, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 10	668.0	4.0	0.0	672.0	0.00	672.0	4.0	0.0	0.0	668.0	0.0	0.0
9	Howell to Chilly	Jul 10	467.0	126.1	0.0	-74.9	0.11	597.1	120.4	5.7	0.0	472.7	-5.7	0.0
8	Chilly to Reservoir	* Jul 10	613.8	60.3	0.0	207.1	0.00	804.2	57.5	2.9	0.0	622.4	-8.6	0.0
	Connected													
7	Mackay Reservoir	* Jul 10	625.3	0.0	0.0	0.0	0.00	896.0	198.0		0.0	424.4	200.9	0.0
6	Reservoir to 2B	Jul 10	615.0	10.3	0.0	0.0	0.00	804.2	10.2	0.1	0.0	414.2	200.8	0.0
5	2B to Leslie	Jul 10	520.0	186.8	0.0	91.8	0.00	896.0	172.5	14.3	0.0	333.5	186.5	0.0
4	Leslie to Moore	Jul 10	136.3	287.9	0.0	-95.8	0.18	896.0	188.2	99.7	0.0	83.9	52.4	0.0
2	Moore to blw Munsey	Jul 10	36.8	104.0	0.0	4.5	0.00	900.5	88.4	15.6	0.0	0.0	36.8	0.0
1	Blw Munsey to Arco	Jul 10	51.5	0.0	0.0	14.7	0.00	915.2	0.0	0.0	0.0	14.7	36.8	0.0
								TOTAL	839.1	138.3	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 10	0.0	0.0		20180101	2%
9	Howell to Chilly	Jul 10	0.0	0.0		20180101	2%
8	Chilly to Reservoir	Jul 10	0.0	0.0		20180101	2%
	Connected						
7	Mackay Reservoir	Jul 10	0.0	0.0		20180101	2%
6	Reservoir to 2B	Jul 10	0.0	0.0		20180101	2%
5	2B to Leslie	Jul 10	0.0	0.0		20180101	2%
4	Leslie to Moore	Jul 10	61.4	34.4		20180101	2%
2	Moore to blw Munsey	Jul 10	0.0	0.0		20180101	2%
1	Blw Munsey to Arco	Jul 10	0.0	0.0		20180101	2%
	TOTAL		61.4	34.4	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	450.7
2	18810630	1.7	294.0	239.4
3	18880601	3.2	556.5	450.7
4	18960601	6.4	1113.0	901.3
5	19020301	0.8	140.0	112.7
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	69889.1
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	115894.8

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44460.0	44410.0	-50.0	-25.2	13.7

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	72043.8
Total Storage Loss	-39519.1
Total Storage Deliver	-15864.8
Total Evaporation	-1120.6
Accounting Balance	44409.3
Current Res Content	44410.0
Storage Balance Error	-0.7

DAILY STORAGE BALANCE

44460.0	Reservoir Content Previous Day [ac-ft]
44410.0	Reservoir Content Current Day [ac-ft]
-50.0	Physical Change in Storage [ac-ft]
392.8	Storage Allocated to Mackay Reservoir [ac-ft]
-141.2	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-34.4	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-36.8	Past Arco Gage [cfs]
-274.4	Storage Delivered [ac-ft]
8.6	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
14.3	2B to Leslie [cfs]
99.7	Leslie to Moore [cfs]
15.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-27.2	Evaporation [ac-ft]
-50.0	Accounting Change in Storage [ac-ft]
0.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

613.8	Gain in/above Mackay Reservoir [cfs]
91.8	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
4.5	Gain in Reach 2: Moore to Munsey [cfs]
14.7	Gain in Reach 1: Munsey to Arco [cfs]
724.8	Total Available Natural Flow [cfs]
198.0	Reservoir Rights Diverted [cfs]
76.1	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
61.4	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
14.7	Natural Flow Past Arco Gage [cfs]
450.7	Natural Flow Delivered [cfs]
-8.6	Above Reservoir Storage Use [cfs]
10.2	Reservoir to 2B [cfs]
172.5	2B to Leslie [cfs]
188.2	Leslie to Moore [cfs]
88.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
724.8	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	9.8	490
Eastside Felton Wier +	67.1	3355
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	76.9	3845
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.8	38
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	5.6	280
Eastside R Reynolds Delivery +	2.7	135
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	108.6	5432
Island Babcock Delivery +	0.9	45
Island Felton Farms Delivery +	2.0	100
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	4.4	218
Island Wanstrom David +	0.0	0
Eastside OUT	48.7	2435
Total Out	173.7	8683

Abbreviated Reach Delivery Factor 2.26
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 378.1%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 48.7 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 12.9 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 79.1%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 16.3 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 115.7 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 232.9%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 299.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 10, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.3	0.0	0.3	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.9	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	10.3	0.1	18.4
9	BITTON	6.3	0.0	0.3	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.6	0.0	47.2	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	29.4	3.3	322.4
9	Thalman Hunter D	4.6	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	55.4	2.0	751.6
9	NEILSEN	50.3	5.7	482.4	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	86.0	9.0	1383.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	47.0	0.0	0.0	8	Broken River Pum	3.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	15.8	8.4	647.5
8	Mtn. Springs 3	2.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	4.0	4.0	426.5
8	Donahue 1	0.8	0.7	107.9	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	8.3
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	246.0
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	134.4	12.0	2819.6
8	Mtn. Springs 1	2.5	2.0	495.7	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	115.7	76.2	7542.9
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	40.0	11.5	973.6
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	64.0	7.2	359.6
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.6	0.1	1.7	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	464.1	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 10, 2019	4.24	4.24	4.24	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 10, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 10, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 10, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 10, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 10, 2019	0.84	0.84	0.84	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 10, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 10, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 10, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 10, 2019	1.20	1.20	1.20	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 10, 2019	0.27	0.33	0.27	100.0%
18830601	221	855	MOORE	13132050	4	Jul 10, 2019	1.60	1.96	1.60	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 10, 2019	1.54	1.89	1.54	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 10, 2019	0.79	0.97	0.79	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 10, 2019	1.13	1.39	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 10, 2019	1.72	2.11	1.72	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 10, 2019	0.18	0.22	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jul 10, 2019	0.48	0.59	0.48	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 10, 2019	0.01	0.01	0.01	100.0%
18830810	263	393	MOORE	13132050	4	Jul 10, 2019	0.18	0.22	0.18	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.43	0.53	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.21	0.26	0.21	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.21	0.26	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 10, 2019	1.64	2.01	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 10, 2019	0.14	0.17	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 10, 2019	0.07	0.07	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 10, 2019	1.50	1.50	1.50	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 10, 2019	1.12	1.12	1.12	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 10, 2019	2.17	2.17	2.17	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 10, 2019	0.14	0.14	0.14	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 10, 2019	0.96	0.96	0.96	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 10, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 10, 2019	0.55	0.55	0.55	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 10, 2019	0.20	0.20	0.20	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 10, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 10, 2019	0.79	0.79	0.79	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 10, 2019	2.00	2.00	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 10, 2019	0.50	0.50	0.50	100.0%
18840422	347	938	SHARP	13126500	6	Jul 10, 2019	2.50	2.50	2.50	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 10, 2019	0.64	0.64	0.64	100.0%
18840422	24	120	SHARP	13126500	6	Jul 10, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Jul 10, 2019	0.13	0.13	0.13	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 10, 2019	0.12	0.12	0.12	100.0%
18840430	141	1365	BECK	13130525	4	Jul 10, 2019	1.00	1.23	1.00	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 10, 2019	1.23	1.23	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 10, 2019	0.40	0.40	0.40	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 10, 2019	0.40	0.40	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 10, 2019	0.07	0.07	0.07	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 10, 2019	0.80	0.80	0.80	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 10, 2019	0.40	0.40	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 10, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 10, 2019	1.80	1.80	1.80	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 10, 2019	0.22	0.27	0.22	100.0%
18840520	263	394	MOORE	13132050	4	Jul 10, 2019	0.22	0.27	0.22	100.0%
18840520	242	210	MOORE	13132050	4	Jul 10, 2019	0.21	0.26	0.21	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 10, 2019	1.60	1.96	1.60	100.0%
18840520	96	451	MOORE	13132050	4	Jul 10, 2019	0.58	0.71	0.58	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 10, 2019	0.04	0.05	0.04	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 10, 2019	0.18	0.22	0.18	100.0%

18840520	113	585	MOORE	13132050	4	Jul 10, 2019	0.11	0.13	0.11	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 10, 2019	0.02	0.02	0.02	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 10, 2019	0.78	0.96	0.78	100.0%
18840520	180	470	MOORE	13132050	4	Jul 10, 2019	0.16	0.20	0.16	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 10, 2019	0.38	0.47	0.38	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 10, 2019	0.01	0.01	0.01	100.0%
18840520	427	1	MOORE	13132050	4	Jul 10, 2019	1.12	1.37	1.12	100.0%
18840520	433	271	MOORE	13132050	4	Jul 10, 2019	0.54	0.66	0.54	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 10, 2019	0.50	0.61	0.50	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 10, 2019	2.14	2.62	2.14	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 10, 2019	2.24	2.75	2.24	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 10, 2019	0.80	0.98	0.80	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 10, 2019	0.01	0.01	0.01	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.80	0.98	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 10, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 10, 2019	0.50	0.50	0.50	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 10, 2019	0.09	0.11	0.09	100.0%
18840601	263	395	MOORE	13132050	4	Jul 10, 2019	0.08	0.10	0.08	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 10, 2019	0.08	0.10	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 10, 2019	0.54	0.66	0.54	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 10, 2019	1.20	1.47	1.20	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 10, 2019	0.01	0.01	0.01	100.0%
18840601	96	453	MOORE	13132050	4	Jul 10, 2019	0.21	0.26	0.21	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 10, 2019	1.28	1.57	1.28	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 10, 2019	0.16	0.20	0.16	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 10, 2019	0.27	0.27	0.27	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 10, 2019	0.20	0.20	0.20	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 10, 2019	0.80	0.80	0.80	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 10, 2019	0.33	0.33	0.33	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 10, 2019	0.20	0.20	0.20	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 10, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 10, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 10, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 10, 2019	0.80	0.80	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 10, 2019	0.80	0.98	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 10, 2019	0.80	0.98	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 10, 2019	0.54	0.66	0.54	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 10, 2019	1.20	1.47	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jul 10, 2019	0.80	0.98	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 10, 2019	1.20	1.47	1.20	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 10, 2019	0.40	0.49	0.40	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 10, 2019	0.09	0.11	0.09	100.0%
18840831	533	421	MOORE	13132050	4	Jul 10, 2019	0.14	0.17	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 10, 2019	0.58	0.71	0.58	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 10, 2019	0.20	0.25	0.20	100.0%
18840831	2431	1799	EASTSIDE FIELD H	13132061	4	Jul 10, 2019	0.13	0.16	0.13	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.40	0.49	0.40	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.40	0.49	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.50	0.61	0.50	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 10, 2019	1.31	1.61	1.31	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.44	0.54	0.44	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 10, 2019	3.20	3.92	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 10, 2019	1.74	1.74	1.74	100.0%
18841012	205	2067	BECK	13130525	4	Jul 10, 2019	1.76	2.16	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 10, 2019	1.25	1.53	1.25	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 10, 2019	0.89	1.09	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Jul 10, 2019	0.58	0.71	0.58	100.0%
18841012	70	341	MOORE	13132050	4	Jul 10, 2019	0.31	0.38	0.31	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 10, 2019	0.74	0.74	0.74	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 10, 2019	0.40	0.40	0.40	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 10, 2019	2.78	2.78	2.78	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 10, 2019	0.81	0.81	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 10, 2019	2.77	2.77	2.77	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 10, 2019	3.30	3.30	3.30	100.0%

18841012	347	1974	SHARP	13126500	6	Jul 10, 2019	0.66	0.66	0.66	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jul 10, 2019	0.23	0.23	0.23	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 10, 2019	1.65	1.65	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 10, 2019	2.00	2.00	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 10, 2019	0.24	0.24	0.24	100.0%
18850501	423	186	ARCO	13132365	2	Jul 10, 2019	0.26	0.32	0.21	81.6%
18850501	423	87	ARCO	13132365	2	Jul 10, 2019	0.20	0.25	0.16	81.6%
18850501	426	887	ARCO	13132365	2	Jul 10, 2019	0.64	0.78	0.52	81.6%
18850501	468	59	ARCO	13132365	2	Jul 10, 2019	0.74	0.91	0.60	81.6%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 10, 2019	1.80	2.21	1.80	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 10, 2019	0.20	0.25	0.20	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jul 10, 2019	2.00	2.45	2.00	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 10, 2019	0.24	0.29	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 10, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 10, 2019	0.50	0.50	0.50	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	1.40	1.72	1.40	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.20	0.25	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.20	0.25	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 10, 2019	0.30	0.37	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jul 10, 2019	0.48	0.59	0.48	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 10, 2019	0.56	0.69	0.56	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 10, 2019	0.11	0.11	0.11	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 10, 2019	1.37	1.37	1.37	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 10, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 10, 2019	0.19	0.19	0.19	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 10, 2019	0.04	0.05	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 10, 2019	1.56	1.91	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	2.80	3.43	2.80	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 10, 2019	2.35	2.35	2.35	100.0%
18850601	205	2064	BECK	13130525	4	Jul 10, 2019	0.59	0.72	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 10, 2019	1.20	1.47	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 10, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 10, 2019	1.40	1.40	1.40	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 10, 2019	0.28	0.28	0.28	100.0%
18851002	468	61	ARCO	13132365	2	Jul 10, 2019	3.60	4.41	0.93	25.7%
18851002	437	62	ARCO	13132365	2	Jul 10, 2019	1.54	1.89	1.54	100.0%
18851002	318	817	MUNSEY	13132375	2	Jul 10, 2019	0.80	0.98	0.80	100.0%
18851002	318	545	MUNSEY	13132375	2	Jul 10, 2019	0.75	0.92	0.75	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 10, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 10, 2019	1.60	1.96	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jul 10, 2019	1.20	1.47	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 10, 2019	2.80	3.43	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 10, 2019	5.36	6.57	5.36	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 10, 2019	0.18	0.22	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 10, 2019	0.01	0.01	0.01	100.0%
18860512	96	459	MOORE	13132050	4	Jul 10, 2019	0.48	0.59	0.48	100.0%
18860512	263	398	MOORE	13132050	4	Jul 10, 2019	0.18	0.22	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	1.77	2.17	1.77	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 10, 2019	2.40	2.94	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 10, 2019	0.20	0.25	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 10, 2019	0.08	0.10	0.08	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	1.60	1.96	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	1.24	1.52	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	1.00	1.23	1.00	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 10, 2019	0.45	0.45	0.45	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jul 10, 2019	0.50	0.50	0.50	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.80	0.98	0.80	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.10	0.12	0.10	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	1.00	1.23	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 10, 2019	0.60	0.60	0.60	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 10, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 10, 2019	0.52	0.52	0.52	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 10, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jul 10, 2019	0.84	1.03	0.84	100.0%

18860901	605	955	Stoecklein 1	13124173	8	Jul 10, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 10, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 10, 2019	0.34	0.34	0.34	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 10, 2019	3.20	3.92	3.20	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 10, 2019	1.60	1.96	1.60	100.0%
18870313	459	682	MOORE	13132050	4	Jul 10, 2019	0.65	0.80	0.65	100.0%
18870313	70	337	MOORE	13132050	4	Jul 10, 2019	0.23	0.28	0.23	100.0%
18870313	459	338	MOORE	13132050	4	Jul 10, 2019	0.42	0.51	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Jul 10, 2019	0.13	0.16	0.13	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 10, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 10, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 10, 2019	3.20	3.92	3.20	100.0%
18870601	423	76	ARCO	13132365	2	Jul 10, 2019	0.22	0.27	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 10, 2019	1.80	2.21	1.80	100.0%
18870601	468	893	ARCO	13132365	2	Jul 10, 2019	1.00	1.23	1.00	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 10, 2019	1.00	1.23	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 10, 2019	3.20	3.92	3.20	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 10, 2019	0.75	0.75	0.75	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 10, 2019	0.25	0.25	0.25	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 10, 2019	0.16	0.16	0.16	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 10, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 10, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 10, 2019	0.80	0.80	0.80	100.0%
18870630	236	1428	BECK	13130525	4	Jul 10, 2019	0.36	0.44	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 10, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jul 10, 2019	0.42	0.51	0.42	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 10, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 10, 2019	0.49	0.49	0.49	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 10, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 10, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jul 10, 2019	0.33	0.40	0.33	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	1.50	1.84	1.50	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 10, 2019	0.76	0.76	0.76	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 10, 2019	0.50	0.50	0.50	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 10, 2019	0.84	0.84	0.84	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 10, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 10, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 10, 2019	0.40	0.49	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 10, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 10, 2019	0.73	0.73	0.73	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 10, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 10, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	KENT	13120605	9	Jul 10, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 10, 2019	0.77	0.77	0.77	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 10, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 10, 2019	0.83	0.83	0.83	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 10, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 10, 2019	0.18	0.22	0.18	100.0%
18890601	441	205	MOORE	13132050	4	Jul 10, 2019	0.97	1.19	0.97	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 10, 2019	0.34	0.42	0.34	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 10, 2019	0.50	0.61	0.50	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 10, 2019	0.80	0.80	0.80	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 10, 2019	0.70	0.70	0.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 10, 2019	1.20	1.20	1.20	100.0%
18900601	426	756	ARCO	13132365	2	Jul 10, 2019	0.57	0.70	0.57	100.0%
18900601	372	886	ARCO	13132365	2	Jul 10, 2019	0.59	0.72	0.59	100.0%
18900601	48	1023	MUNSEY	13132375	2	Jul 10, 2019	3.60	4.41	3.60	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 10, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 10, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 10, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 10, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 10, 2019	0.24	0.24	0.24	100.0%
18910630	205	2065	BECK	13130525	4	Jul 10, 2019	1.25	1.53	1.25	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 10, 2019	0.60	0.74	0.60	100.0%

18910630	322	1247	BURNETT	13127750	5	Jul 10, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 10, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 10, 2019	0.20	0.25	0.20	100.0%
18920101	2615	1643	MOORE	13132050	4	Jul 10, 2019	1.16	1.42	1.16	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jul 10, 2019	0.80	0.98	0.80	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 10, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 10, 2019	1.45	1.45	1.45	100.0%
18930201	414	1865	MOORE	13132050	4	Jul 10, 2019	0.30	0.37	0.30	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 10, 2019	0.30	0.37	0.30	100.0%
18930201	158	538	MOORE	13132050	4	Jul 10, 2019	0.03	0.04	0.03	100.0%
18930201	417	380	MOORE	13132050	4	Jul 10, 2019	0.22	0.27	0.22	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 10, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	Jul 10, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	KENT	13120605	9	Jul 10, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 10, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 10, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 10, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 10, 2019	0.58	0.58	0.58	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 10, 2019	2.80	2.80	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 10, 2019	0.96	0.96	0.96	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 10, 2019	0.40	0.40	0.40	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 10, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 10, 2019	2.98	2.98	2.98	100.0%
18940531	5	776	MOORE	13132050	4	Jul 10, 2019	0.20	0.25	0.20	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 10, 2019	3.20	3.92	3.20	100.0%
18940601	158	536	MOORE	13132050	4	Jul 10, 2019	0.02	0.02	0.02	100.0%
18940601	417	379	MOORE	13132050	4	Jul 10, 2019	0.15	0.18	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	2.02	2.48	2.02	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 10, 2019	0.11	0.11	0.11	100.0%
18940601	284	229	SHARP	13126500	6	Jul 10, 2019	0.15	0.15	0.15	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 10, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 10, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 10, 2019	3.20	3.20	3.20	100.0%
18950601	242	212	MOORE	13132050	4	Jul 10, 2019	0.11	0.13	0.11	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 10, 2019	0.80	0.98	0.80	100.0%
18950601	158	534	MOORE	13132050	4	Jul 10, 2019	0.01	0.01	0.01	100.0%
18950601	417	378	MOORE	13132050	4	Jul 10, 2019	0.10	0.12	0.10	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.40	0.49	0.40	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.72	0.88	0.72	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 10, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 10, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jul 10, 2019	1.74	2.13	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 10, 2019	1.60	1.60	1.60	100.0%
18960302	309	873	MOORE	13132050	4	Jul 10, 2019	0.25	0.31	0.25	100.0%
18960302	402	872	MOORE	13132050	4	Jul 10, 2019	0.25	0.31	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 10, 2019	3.20	3.20	3.20	100.0%
18960601	96	457	MOORE	13132050	4	Jul 10, 2019	0.92	1.13	0.92	100.0%
18960601	406	65	MOORE	13132050	4	Jul 10, 2019	0.30	0.37	0.30	100.0%
18960601	96	461	MOORE	13132050	4	Jul 10, 2019	0.03	0.04	0.03	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 10, 2019	0.48	0.59	0.48	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 10, 2019	0.23	0.28	0.23	100.0%
18960601	533	424	MOORE	13132050	4	Jul 10, 2019	0.06	0.07	0.06	100.0%
18960601	263	397	MOORE	13132050	4	Jul 10, 2019	0.35	0.43	0.35	100.0%
18960601	263	399	MOORE	13132050	4	Jul 10, 2019	0.27	0.33	0.27	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 10, 2019	2.12	2.60	2.12	100.0%
18960601	417	381	MOORE	13132050	4	Jul 10, 2019	2.40	2.94	2.40	100.0%
18960601	417	992	MOORE	13132050	4	Jul 10, 2019	1.20	1.47	1.20	100.0%
18960601	459	993	MOORE	13132050	4	Jul 10, 2019	0.40	0.49	0.40	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 10, 2019	0.40	0.49	0.40	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 10, 2019	1.56	1.91	1.56	100.0%
18960601	309	877	MOORE	13132050	4	Jul 10, 2019	0.07	0.08	0.07	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 10, 2019	0.40	0.49	0.40	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 10, 2019	0.03	0.04	0.03	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 10, 2019	0.44	0.54	0.44	100.0%

18960601	651	1732	MOORE	13132050	4	Jul 10, 2019	0.02	0.02	0.02	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 10, 2019	0.60	0.74	0.60	100.0%
18960601	402	876	MOORE	13132050	4	Jul 10, 2019	0.07	0.08	0.07	100.0%
18960601	441	207	MOORE	13132050	4	Jul 10, 2019	0.99	1.21	0.99	100.0%
18960601	158	540	MOORE	13132050	4	Jul 10, 2019	0.32	0.39	0.32	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.04	0.04	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 10, 2019	0.41	0.50	0.41	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 10, 2019	0.70	0.86	0.70	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.04	0.04	0.04	100.0%
18960601	668	1562	LOWER EASTSIDE &	13132291	4	Jul 10, 2019	0.36	0.44	0.36	100.0%
18960601	2431	1831	EASTSIDE FIELD H	13132061	4	Jul 10, 2019	0.85	1.04	0.85	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 10, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 10, 2019	2.00	2.45	2.00	100.0%
18960901	437	671	ARCO	13132365	2	Jul 10, 2019	0.13	0.16	0.13	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 10, 2019	4.40	5.39	4.40	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 10, 2019	1.97	2.41	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 10, 2019	0.03	0.04	0.03	100.0%
18960928	15	80	MUNSEY	13132375	2	Jul 10, 2019	2.33	2.86	2.33	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 10, 2019	6.00	6.00	6.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 10, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jul 10, 2019	0.16	0.20	0.16	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 10, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jul 10, 2019	0.22	0.27	0.22	100.0%
18970615	306	1697	MOORE	13132050	4	Jul 10, 2019	0.02	0.02	0.02	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 10, 2019	0.13	0.16	0.13	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jul 10, 2019	0.24	0.29	0.24	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 10, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jul 10, 2019	1.24	1.24	1.24	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.65	0.80	0.65	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.65	0.80	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jul 10, 2019	1.20	1.20	1.20	100.0%
18980901	268	562	ARCO	13132365	2	Jul 10, 2019	1.57	1.92	1.57	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	1.00	1.23	1.00	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 10, 2019	0.21	0.26	0.21	100.0%
18990327	180	468	MOORE	13132050	4	Jul 10, 2019	0.05	0.06	0.05	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 10, 2019	0.01	0.01	0.01	100.0%
18990327	113	584	MOORE	13132050	4	Jul 10, 2019	0.03	0.04	0.03	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 10, 2019	0.60	0.74	0.60	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 10, 2019	0.53	0.65	0.53	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jul 10, 2019	2.80	3.43	2.80	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 10, 2019	0.03	0.04	0.03	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 10, 2019	0.03	0.04	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 10, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 10, 2019	0.60	0.60	0.60	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jul 10, 2019	0.80	0.98	0.80	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 10, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 10, 2019	0.52	0.52	0.52	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 10, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 10, 2019	0.46	0.46	0.46	100.0%
19000924	318	543	MUNSEY	13132375	2	Jul 10, 2019	1.04	1.27	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 10, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.20	0.25	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jul 10, 2019	0.15	0.18	0.15	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jul 10, 2019	0.30	0.30	0.30	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 10, 2019	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jul 10, 2019	0.23	0.28	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jul 10, 2019	0.35	0.43	0.35	100.0%
19010901	70	339	MOORE	13132050	4	Jul 10, 2019	0.12	0.15	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 10, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jul 10, 2019	0.12	0.15	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jul 10, 2019	1.31	1.61	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 10, 2019	2.60	2.60	2.60	100.0%
19020115	442	2143	MUNSEY	13132375	2	Jul 10, 2019	1.60	1.96	1.60	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.20	0.25	0.20	100.0%

19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.20	0.25	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 10, 2019	0.31	0.37	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.44	0.54	0.44	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 10, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 10, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 10, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 10, 2019	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 10, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 10, 2019	3.25	3.25	3.25	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 10, 2019	3.40	3.40	3.40	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 10, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 10, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 10, 2019	2.70	3.31	2.70	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 10, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 10, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 10, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jul 10, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 10, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 10, 2019	1.22	1.22	1.22	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 10, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 10, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 10, 2019	0.49	0.49	0.49	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jul 10, 2019	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 10, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jul 10, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 10, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 10, 2019	1.56	1.91	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jul 10, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jul 10, 2019	0.38	0.38	0.38	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 10, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jul 10, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 10, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 10, 2019	0.02	0.02	0.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 10, 2019	0.13	0.13	0.13	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 10, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	KENT	13120605	9	Jul 10, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	KENT	13120605	9	Jul 10, 2019	0.45	0.45	0.45	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jul 10, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jul 10, 2019	0.62	0.62	0.62	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 10, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	BITTON	13120735	9	Jul 10, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 10, 2019	0.44	0.44	0.44	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 10, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 10, 2019	0.31	0.31	0.31	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 10, 2019	1.30	1.30	1.30	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jul 10, 2019	0.27	0.27	0.27	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 10, 2019	0.50	0.50	0.50	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 10, 2019	0.12	0.12	0.12	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 10, 2019	0.65	0.65	0.65	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 10, 2019	0.10	0.10	0.10	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 10, 2019	0.82	0.82	0.82	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 10, 2019	0.40	0.40	0.40	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 10, 2019	1.52	1.52	1.52	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 10, 2019	0.30	0.30	0.30	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 10, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 10, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 10, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Jul 10, 2019	1.10	1.10	1.10	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 10, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jul 10, 2019	0.19	0.23	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	Jul 10, 2019	0.50	0.50	0.50	100.0%
19061001	2431	1855	EASTSIDE FIELD H	13132061	4	Jul 10, 2019	0.16	0.20	0.16	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 10, 2019	0.42	0.42	0.42	99.5%
19070711	2610	2094	KENT	13120605	9	Jul 10, 2019	0.53	0.53	0.53	100.0%

19070711	59	2146	KENT	13120605	9	Jul 10, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	Jul 10, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jul 10, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	BITTON	13120735	9	Jul 10, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	BITTON	13120735	9	Jul 10, 2019	0.55	0.55	0.55	100.0%
19080715	364	692	CHILLY	13121105	9	Jul 10, 2019	0.50	0.50	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jul 10, 2019	0.17	0.21	0.17	100.0%
19081207	459	344	MOORE	13132050	4	Jul 10, 2019	0.33	0.40	0.33	100.0%
19081207	459	1080	MOORE	13132050	4	Jul 10, 2019	0.50	0.61	0.50	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 10, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 10, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 10, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 10, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Jul 10, 2019	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 10, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 10, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 10, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 10, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 10, 2019	1.70	1.70	1.70	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jul 10, 2019	2.40	2.40	2.40	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 10, 2019	2.10	2.10	2.10	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.13	0.16	0.13	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jul 10, 2019	0.02	0.02	0.02	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 10, 2019	1.39	1.39	1.39	100.0%
19140103	59	2233	KENT	13120605	9	Jul 10, 2019	0.69	0.69	0.69	100.0%
19140103	2610	2092	KENT	13120605	9	Jul 10, 2019	0.77	0.77	0.77	100.0%
19140103	59	1361	KENT	13120605	9	Jul 10, 2019	0.04	0.04	0.04	100.0%
19140103	2610	2092	BITTON	13120735	9	Jul 10, 2019	0.77	0.77	0.77	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 10, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	BITTON	13120735	9	Jul 10, 2019	0.04	0.04	0.04	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 10, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 10, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 10, 2019	0.80	0.80	0.80	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 10, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 10, 2019	0.11	0.11	0.11	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jul 10, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 10, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Jul 10, 2019	2.35	2.35	2.35	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 10, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 10, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 10, 2019	0.88	0.88	0.88	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jul 10, 2019	0.32	0.32	0.32	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 10, 2019	1.00	1.00	1.00	100.0%
19170503	364	630	CHILLY	13121105	9	Jul 10, 2019	0.40	0.40	0.40	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 10, 2019	4.26	4.26	4.26	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 10, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jul 10, 2019	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	Jul 10, 2019	0.79	0.97	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	Jul 10, 2019	0.01	0.01	0.01	100.0%
19240806	417	695	MOORE	13132050	4	Jul 10, 2019	0.50	0.61	0.50	100.0%
19540821	2526	717	MUNSEY	13132375	2	Jul 10, 2019	1.20	1.47	1.20	100.0%
19600501	90	175	MOORE	13132050	4	Jul 10, 2019	0.44	0.54	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jul 10, 2019	0.11	0.13	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jul 10, 2019	4.90	6.01	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jul 10, 2019	0.02	0.02	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jul 10, 2019	4.40	5.39	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 10, 2019	16.00	19.61	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jul 10, 2019	1.00	1.23	1.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jul 10, 2019	0.82	1.00	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jul 10, 2019	8.06	9.88	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jul 10, 2019	36.74	45.04	36.74	100.0%
19950411	476	1273	ARCO	13132365	2	Jul 10, 2019	13.28	16.28	13.28	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jul 10, 2019	6.84	8.38	6.84	100.0%
19950411	476	1273	BECK	13130525	4	Jul 10, 2019	0.80	0.98	0.80	100.0%

19950411	476	1273	SWAUGER	13127600	5	Jul 10, 2019	10.08	10.08	10.08	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jul 10, 2019	30.46	30.46	30.46	100.0%
19950411	476	1273	BURNETT	13127750	5	Jul 10, 2019	50.78	50.78	50.78	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jul 10, 2019	16.00	16.00	16.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jul 10, 2019	5.00	5.00	5.00	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jul 10, 2019	9969.40	9969.40	182.71	1.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 11, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 11	698.0	4.0	0.0	702.0	0.00	702.0	4.0	0.0	0.0	698.0	0.0	0.0
9	Howell to Chilly	Jul 11	464.0	126.1	0.0	-107.9	0.15	594.1	120.4	5.7	0.0	469.7	-5.7	0.0
8	Chilly to Reservoir	* Jul 11	584.1	60.3	0.0	180.4	0.00	774.5	57.5	2.9	0.0	592.7	-8.6	0.0
	Connected													
7	Mackay Reservoir	* Jul 11	570.4	0.0	0.0	0.0	0.00	847.1	184.6		0.0	408.1	162.3	0.0
6	Reservoir to 2B	Jul 11	561.0	9.4	0.0	0.0	0.00	774.5	9.3	0.1	0.0	398.8	162.2	0.0
5	2B to Leslie	Jul 11	456.0	177.6	0.0	72.6	0.00	847.1	169.2	8.4	0.0	302.2	153.8	0.0
4	Leslie to Moore	Jul 11	107.4	301.7	0.0	-46.9	0.10	847.1	198.9	102.8	0.0	72.2	35.2	0.0
2	Moore to blw Munsey	Jul 11	18.8	104.0	0.0	15.4	0.00	862.5	87.6	16.4	0.0	0.0	18.8	0.0
1	Blw Munsey to Arco	Jul 11	35.9	0.0	0.0	17.1	0.00	879.6	0.0	0.0	0.0	17.1	18.8	0.0
								TOTAL	831.4	136.3	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 11	0.0	0.0		20180101	2%
9	Howell to Chilly	Jul 11	0.0	0.0		20180101	2%
8	Chilly to Reservoir	Jul 11	0.0	0.0		20180101	2%
	Connected						
7	Mackay Reservoir	Jul 11	0.0	0.0		20180101	2%
6	Reservoir to 2B	Jul 11	0.0	0.0		20180101	2%
5	2B to Leslie	Jul 11	0.0	0.0		20180101	2%
4	Leslie to Moore	Jul 11	31.1	15.8		20180101	2%
2	Moore to blw Munsey	Jul 11	0.0	0.0		20180101	2%
1	Blw Munsey to Arco	Jul 11	0.0	0.0		20180101	2%
		TOTAL	31.1	15.8	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	457.0
2	18810630	1.7	294.0	242.8
3	18880601	3.2	556.5	457.0
4	18960601	6.4	1113.0	914.0
5	19020301	0.8	140.0	114.2
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	70224.9
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	116260.9

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44410.0	44410.0	0.0	0.0	13.7

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	72409.9
Total Storage Loss	-39587.7
Total Storage Deliver	-16135.2
Total Evaporation	-1147.7
Accounting Balance	44409.3
Current Res Content	44410.0
Storage Balance Error	-0.7

DAILY STORAGE BALANCE

```
 44410.0 Reservoir Content Previous Day [ac-ft]
 44410.0 Reservoir Content Current Day [ac-ft]
     0.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------
           366.1 Storage Allocated to Mackay Reservoir [ac-ft]

           -68.6 Stored Flow Losses [ac-ft]
                 0.0 2B to Leslie [cfs]
               -15.8 Leslie to Moore [cfs]
                 0.0 Moore blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
               -18.8 Past Arco Gage [cfs]

          -270.3 Storage Delivered [ac-ft]
                 8.6 Above Reservoir [cfs]
                 0.1 Reservoir to 2B [cfs]
                 8.4 2B to Leslie [cfs]
               102.8 Leslie to Moore [cfs]
                16.4 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

           -27.1 Evaporation [ac-ft]

     0.1 Accounting Change in Storage [ac-ft]
-------------------------------------------------------
     0.1 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   584.1 Gain in/above Mackay Reservoir [cfs]
    72.6 Gain in Reach 5: 2-B to Leslie [cfs]
     0.0 Gain in Reach 4: Leslie to Moore [cfs]
    15.4 Gain in Reach 2: Moore to Munsey [cfs]
    17.1 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------
   689.2 Total Available Natural Flow [cfs]
-------------------------------------------------------
           184.6 Reservoir Rights Diverted [cfs]

            48.2 Natural Flow Losses below Reservoir [cfs]
                 0.0 2B to Leslie [cfs]
                31.1 Leslie to Moore [cfs]
                 0.0 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
                17.1 Natural Flow Past Arco Gage [cfs]

           456.4 Natural Flow Delivered [cfs]
                -8.6 Above Reservoir Storage Use [cfs]
                 9.3 Reservoir to 2B [cfs]
               169.2 2B to Leslie [cfs]
               198.9 Leslie to Moore [cfs]
                87.6 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

   689.2 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------
     0.0 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	9.8	490
Eastside Felton Wier +	67.2	3360
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	77.0	3850
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.8	38
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	5.6	280
Eastside R Reynolds Delivery +	2.7	135
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	108.6	5432
Island Babcock Delivery +	0.9	45
Island Felton Farms Delivery +	2.0	100
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	4.4	218
Island Wanstrom David +	0.0	0
Eastside OUT	48.6	2430
Total Out	173.6	8678

Abbreviated Reach Delivery Factor 2.25
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 377.5%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 48.6 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 12.9 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 78.0%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 16.5 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 115.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 232.1%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 294.5%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 11, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.3	0.0	0.3	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.9	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	9.4	0.1	18.6
9	BITTON	6.3	0.0	0.3	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.6	0.0	47.2	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	28.0	3.3	328.9
9	Thalman Hunter D	4.6	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	52.8	0.0	751.6
9	NEILSEN	50.3	5.7	493.8	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	80.8	5.1	1393.6
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	47.0	0.0	0.0	8	Broken River Pum	3.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	15.2	10.2	667.8
8	Mtn. Springs 3	2.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	4.0	4.0	434.4
8	Donahue 1	0.8	0.7	109.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	8.6
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	249.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	149.0	12.0	2843.4
8	Mtn. Springs 1	2.5	2.0	499.7	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	115.5	77.5	7696.6
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	40.0	10.0	993.4
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	64.0	8.1	375.7
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.6	0.1	1.9	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	0.0	464.1	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 11, 2019	4.24	4.24	4.24	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 11, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 11, 2019	0.59	0.59	0.59	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 11, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 11, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 11, 2019	0.84	0.84	0.84	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 11, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 11, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 11, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 11, 2019	1.20	1.20	1.20	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 11, 2019	0.27	0.30	0.27	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 11, 2019	1.54	1.72	1.54	100.0%
18830601	221	855	MOORE	13132050	4	Jul 11, 2019	1.60	1.78	1.60	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 11, 2019	0.79	0.88	0.79	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 11, 2019	1.13	1.26	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 11, 2019	1.72	1.92	1.72	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 11, 2019	0.01	0.01	0.01	100.0%
18830810	96	449	MOORE	13132050	4	Jul 11, 2019	0.48	0.54	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jul 11, 2019	0.18	0.20	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 11, 2019	0.18	0.20	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.21	0.24	0.21	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.21	0.24	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.43	0.48	0.43	100.0%
18840422	236	30	BECK	13130525	4	Jul 11, 2019	1.64	1.83	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 11, 2019	0.14	0.16	0.14	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 11, 2019	1.12	1.12	1.12	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 11, 2019	1.50	1.50	1.50	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 11, 2019	0.07	0.07	0.07	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 11, 2019	0.20	0.20	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 11, 2019	1.44	1.44	1.44	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 11, 2019	2.17	2.17	2.17	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 11, 2019	1.63	1.63	1.63	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 11, 2019	0.14	0.14	0.14	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 11, 2019	0.55	0.55	0.55	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 11, 2019	0.50	0.50	0.50	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 11, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 11, 2019	0.79	0.79	0.79	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 11, 2019	2.00	2.00	2.00	100.0%
18840422	284	228	SHARP	13126500	6	Jul 11, 2019	0.13	0.13	0.13	100.0%
18840422	347	938	SHARP	13126500	6	Jul 11, 2019	2.50	2.50	2.50	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 11, 2019	0.60	0.60	0.60	100.0%
18840422	24	120	SHARP	13126500	6	Jul 11, 2019	0.08	0.08	0.08	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 11, 2019	0.12	0.12	0.12	100.0%
18840430	141	1365	BECK	13130525	4	Jul 11, 2019	1.00	1.11	1.00	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 11, 2019	0.80	0.80	0.80	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 11, 2019	1.20	1.20	1.20	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 11, 2019	0.40	0.40	0.40	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 11, 2019	0.40	0.40	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 11, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 11, 2019	1.80	1.80	1.80	100.0%
18840520	427	1	MOORE	13132050	4	Jul 11, 2019	1.12	1.25	1.12	100.0%
18840520	113	585	MOORE	13132050	4	Jul 11, 2019	0.11	0.12	0.11	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 11, 2019	0.38	0.42	0.38	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 11, 2019	0.50	0.56	0.50	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 11, 2019	0.80	0.89	0.80	100.0%
18840520	96	451	MOORE	13132050	4	Jul 11, 2019	0.58	0.65	0.58	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 11, 2019	2.14	2.39	2.14	100.0%
18840520	180	470	MOORE	13132050	4	Jul 11, 2019	0.16	0.18	0.16	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 11, 2019	0.18	0.20	0.18	100.0%

18840520	187	1872	MOORE	13132050	4	Jul 11, 2019	0.01	0.01	0.01	100.0%
18840520	242	210	MOORE	13132050	4	Jul 11, 2019	0.21	0.23	0.21	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 11, 2019	2.24	2.50	2.24	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 11, 2019	0.02	0.02	0.02	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 11, 2019	1.60	1.78	1.60	100.0%
18840520	263	394	MOORE	13132050	4	Jul 11, 2019	0.22	0.25	0.22	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 11, 2019	0.78	0.87	0.78	100.0%
18840520	433	271	MOORE	13132050	4	Jul 11, 2019	0.54	0.60	0.54	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 11, 2019	0.01	0.01	0.01	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 11, 2019	0.04	0.04	0.04	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 11, 2019	0.22	0.25	0.22	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.80	0.89	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 11, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 11, 2019	0.50	0.50	0.50	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 11, 2019	0.01	0.01	0.01	100.0%
18840601	96	453	MOORE	13132050	4	Jul 11, 2019	0.21	0.23	0.21	100.0%
18840601	263	395	MOORE	13132050	4	Jul 11, 2019	0.08	0.09	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 11, 2019	0.09	0.10	0.09	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 11, 2019	1.20	1.34	1.20	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 11, 2019	0.08	0.09	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 11, 2019	0.54	0.60	0.54	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 11, 2019	1.28	1.43	1.28	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 11, 2019	0.16	0.18	0.16	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 11, 2019	0.73	0.73	0.73	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 11, 2019	0.80	0.80	0.80	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 11, 2019	0.40	0.40	0.40	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 11, 2019	0.20	0.20	0.20	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 11, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 11, 2019	0.27	0.27	0.27	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 11, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 11, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 11, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 11, 2019	0.40	0.40	0.40	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 11, 2019	1.20	1.34	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jul 11, 2019	0.80	0.89	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 11, 2019	1.20	1.34	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 11, 2019	0.80	0.89	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 11, 2019	0.54	0.60	0.54	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 11, 2019	0.80	0.89	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 11, 2019	0.40	0.45	0.40	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 11, 2019	0.09	0.10	0.09	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 11, 2019	0.20	0.22	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 11, 2019	0.58	0.65	0.58	100.0%
18840831	533	421	MOORE	13132050	4	Jul 11, 2019	0.14	0.16	0.14	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.44	0.49	0.44	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 11, 2019	1.31	1.46	1.31	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.40	0.45	0.40	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.40	0.45	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.50	0.56	0.50	100.0%
18840831	2431	1799	EASTSIDE FIELD H	13132061	4	Jul 11, 2019	0.13	0.14	0.13	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 11, 2019	3.20	3.57	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 11, 2019	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 11, 2019	0.07	0.07	0.07	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 11, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jul 11, 2019	1.76	1.96	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 11, 2019	1.25	1.39	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Jul 11, 2019	0.58	0.65	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 11, 2019	0.89	0.99	0.89	100.0%
18841012	70	341	MOORE	13132050	4	Jul 11, 2019	0.31	0.35	0.31	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 11, 2019	2.78	2.78	2.78	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 11, 2019	2.77	2.77	2.77	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 11, 2019	3.30	3.30	3.30	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 11, 2019	0.40	0.40	0.40	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 11, 2019	0.81	0.81	0.81	100.0%

18841012	317	385	SWAUGER	13127600	5	Jul 11, 2019	0.74	0.74	0.74	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 11, 2019	0.66	0.66	0.66	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jul 11, 2019	0.23	0.23	0.23	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 11, 2019	1.65	1.65	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 11, 2019	2.00	2.00	2.00	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 11, 2019	0.56	0.56	0.56	100.0%
18850501	426	887	ARCO	13132365	2	Jul 11, 2019	0.64	0.71	0.57	89.7%
18850501	468	59	ARCO	13132365	2	Jul 11, 2019	0.74	0.82	0.66	89.7%
18850501	423	186	ARCO	13132365	2	Jul 11, 2019	0.26	0.29	0.23	89.7%
18850501	423	87	ARCO	13132365	2	Jul 11, 2019	0.20	0.22	0.18	89.7%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 11, 2019	0.20	0.22	0.20	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jul 11, 2019	2.00	2.23	2.00	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 11, 2019	0.24	0.27	0.24	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 11, 2019	1.80	2.01	1.80	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 11, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 11, 2019	0.50	0.50	0.50	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	1.40	1.56	1.40	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.20	0.22	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.20	0.22	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jul 11, 2019	0.48	0.54	0.48	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 11, 2019	0.30	0.33	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 11, 2019	0.56	0.62	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 11, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 11, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 11, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 11, 2019	0.19	0.19	0.19	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 11, 2019	0.04	0.05	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 11, 2019	1.56	1.73	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	2.80	3.12	2.80	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 11, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 11, 2019	0.24	0.27	0.24	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 11, 2019	1.20	1.34	1.20	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 11, 2019	1.80	1.80	1.80	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 11, 2019	0.36	0.36	0.36	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 11, 2019	0.28	0.28	0.28	100.0%
18851002	468	61	ARCO	13132365	2	Jul 11, 2019	3.60	4.01	3.23	89.7%
18851002	437	62	ARCO	13132365	2	Jul 11, 2019	1.54	1.72	1.38	89.7%
18851002	318	817	MUNSEY	13132375	2	Jul 11, 2019	0.80	0.89	0.72	89.7%
18851002	318	545	MUNSEY	13132375	2	Jul 11, 2019	0.75	0.84	0.67	89.7%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 11, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 11, 2019	1.60	1.78	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jul 11, 2019	1.20	1.34	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 11, 2019	2.80	3.12	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 11, 2019	5.36	5.97	5.36	100.0%
18860512	96	459	MOORE	13132050	4	Jul 11, 2019	0.48	0.54	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 11, 2019	0.18	0.20	0.18	100.0%
18860512	263	398	MOORE	13132050	4	Jul 11, 2019	0.18	0.20	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 11, 2019	0.01	0.01	0.01	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	1.77	1.97	1.77	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 11, 2019	0.08	0.09	0.08	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 11, 2019	0.20	0.22	0.20	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 11, 2019	2.40	2.68	2.40	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	1.24	1.38	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	1.00	1.11	1.00	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	1.60	1.78	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 11, 2019	0.45	0.45	0.45	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jul 11, 2019	0.50	0.50	0.50	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	1.00	1.11	1.00	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.80	0.89	0.80	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.10	0.11	0.10	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 11, 2019	0.60	0.60	0.60	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 11, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 11, 2019	0.52	0.52	0.52	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 11, 2019	0.80	0.80	0.80	100.0%

18860901	180	2	MUNSEY	13132375	2	Jul 11, 2019	0.08	0.09	0.07	89.7%
18860901	605	955	Stoecklein 1	13124173	8	Jul 11, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 11, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 11, 2019	1.26	1.26	1.26	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 11, 2019	1.60	1.78	1.60	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 11, 2019	3.20	3.57	3.20	100.0%
18870313	70	337	MOORE	13132050	4	Jul 11, 2019	0.23	0.26	0.23	100.0%
18870313	433	683	MOORE	13132050	4	Jul 11, 2019	0.13	0.14	0.13	100.0%
18870313	459	338	MOORE	13132050	4	Jul 11, 2019	0.42	0.47	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jul 11, 2019	0.65	0.72	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 11, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 11, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 11, 2019	3.20	3.57	2.87	89.7%
18870601	468	893	ARCO	13132365	2	Jul 11, 2019	1.00	1.11	0.90	89.7%
18870601	423	1028	ARCO	13132365	2	Jul 11, 2019	1.80	2.01	1.61	89.7%
18870601	423	76	ARCO	13132365	2	Jul 11, 2019	0.22	0.25	0.20	89.7%
18870601	305	1351	3IN1	13130605	4	Jul 11, 2019	1.00	1.11	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 11, 2019	3.20	3.57	3.20	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 11, 2019	0.25	0.25	0.25	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 11, 2019	0.16	0.16	0.16	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 11, 2019	0.75	0.75	0.75	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 11, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 11, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 11, 2019	0.80	0.80	0.80	100.0%
18870630	236	1428	BECK	13130525	4	Jul 11, 2019	0.36	0.40	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 11, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jul 11, 2019	0.42	0.47	0.38	89.7%
18870801	623	2203	BURNETT	13127750	5	Jul 11, 2019	0.33	0.33	0.33	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 11, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 11, 2019	0.49	0.49	0.49	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 11, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 11, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jul 11, 2019	0.33	0.37	0.18	54.8%
18880601	2612	2198	SWAUGER	13127600	5	Jul 11, 2019	0.76	0.76	0.76	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 11, 2019	0.50	0.50	0.50	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 11, 2019	0.84	0.84	0.84	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 11, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 11, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 11, 2019	0.40	0.45	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 11, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 11, 2019	0.73	0.73	0.73	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 11, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 11, 2019	0.30	0.30	0.30	100.0%
18881101	59	2222	KENT	13120605	9	Jul 11, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 11, 2019	0.77	0.77	0.77	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 11, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 11, 2019	0.83	0.83	0.83	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 11, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 11, 2019	0.18	0.20	0.18	100.0%
18890601	441	205	MOORE	13132050	4	Jul 11, 2019	0.97	1.08	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 11, 2019	0.50	0.56	0.50	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 11, 2019	0.34	0.38	0.34	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 11, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 11, 2019	0.70	0.70	0.70	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 11, 2019	0.80	0.80	0.80	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 11, 2019	2.70	2.70	2.70	100.0%
18900601	372	886	ARCO	13132365	2	Jul 11, 2019	0.59	0.66	0.59	100.0%
18900601	426	756	ARCO	13132365	2	Jul 11, 2019	0.57	0.64	0.57	100.0%
18900601	48	1023	MUNSEY	13132375	2	Jul 11, 2019	3.60	4.01	3.60	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 11, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 11, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 11, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 11, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 11, 2019	0.24	0.24	0.24	100.0%

18910630	414	1849	MOORE	13132050	4	Jul 11, 2019	0.60	0.67	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 11, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 11, 2019	5.20	5.20	5.20	100.0%
18920101	2615	1643	MOORE	13132050	4	Jul 11, 2019	1.16	1.29	1.16	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 11, 2019	0.20	0.22	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jul 11, 2019	0.80	0.89	0.80	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 11, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 11, 2019	1.45	1.45	1.45	100.0%
18930201	158	538	MOORE	13132050	4	Jul 11, 2019	0.03	0.03	0.03	100.0%
18930201	414	1865	MOORE	13132050	4	Jul 11, 2019	0.30	0.33	0.30	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 11, 2019	0.30	0.33	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jul 11, 2019	0.22	0.25	0.22	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 11, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	Jul 11, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 11, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	KENT	13120605	9	Jul 11, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 11, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 11, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 11, 2019	0.03	0.03	0.03	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 11, 2019	2.80	2.80	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 11, 2019	0.96	0.96	0.96	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 11, 2019	0.40	0.40	0.40	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 11, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 11, 2019	2.98	2.98	2.98	100.0%
18940531	5	776	MOORE	13132050	4	Jul 11, 2019	0.20	0.22	0.20	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 11, 2019	3.20	3.57	3.20	100.0%
18940601	158	536	MOORE	13132050	4	Jul 11, 2019	0.02	0.02	0.02	100.0%
18940601	417	379	MOORE	13132050	4	Jul 11, 2019	0.15	0.17	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	2.02	2.25	2.02	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 11, 2019	0.11	0.11	0.11	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 11, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jul 11, 2019	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 11, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 11, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 11, 2019	0.80	0.89	0.80	100.0%
18950601	158	534	MOORE	13132050	4	Jul 11, 2019	0.01	0.01	0.01	100.0%
18950601	417	378	MOORE	13132050	4	Jul 11, 2019	0.10	0.11	0.10	100.0%
18950601	242	212	MOORE	13132050	4	Jul 11, 2019	0.11	0.12	0.11	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.40	0.45	0.40	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.72	0.80	0.72	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 11, 2019	0.30	0.30	0.30	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 11, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 11, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jul 11, 2019	1.74	1.94	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 11, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jul 11, 2019	0.25	0.28	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jul 11, 2019	0.25	0.28	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 11, 2019	3.20	3.20	3.20	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 11, 2019	0.60	0.67	0.60	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 11, 2019	2.12	2.36	2.12	100.0%
18960601	96	461	MOORE	13132050	4	Jul 11, 2019	0.03	0.03	0.03	100.0%
18960601	263	397	MOORE	13132050	4	Jul 11, 2019	0.35	0.39	0.35	100.0%
18960601	406	65	MOORE	13132050	4	Jul 11, 2019	0.30	0.33	0.30	100.0%
18960601	309	877	MOORE	13132050	4	Jul 11, 2019	0.07	0.07	0.07	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 11, 2019	1.56	1.74	1.56	100.0%
18960601	417	992	MOORE	13132050	4	Jul 11, 2019	1.20	1.34	1.20	100.0%
18960601	96	457	MOORE	13132050	4	Jul 11, 2019	0.92	1.03	0.92	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 11, 2019	0.23	0.26	0.23	100.0%
18960601	263	399	MOORE	13132050	4	Jul 11, 2019	0.27	0.30	0.27	100.0%
18960601	459	993	MOORE	13132050	4	Jul 11, 2019	0.40	0.45	0.40	100.0%
18960601	158	540	MOORE	13132050	4	Jul 11, 2019	0.32	0.36	0.32	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 11, 2019	0.48	0.54	0.48	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 11, 2019	0.44	0.49	0.44	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 11, 2019	0.02	0.02	0.02	100.0%

18960601	459	1120	MOORE	13132050	4	Jul 11, 2019	0.40	0.45	0.40	100.0%
18960601	533	424	MOORE	13132050	4	Jul 11, 2019	0.06	0.07	0.06	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 11, 2019	0.40	0.45	0.40	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 11, 2019	0.03	0.03	0.03	100.0%
18960601	417	381	MOORE	13132050	4	Jul 11, 2019	2.40	2.68	2.40	100.0%
18960601	441	207	MOORE	13132050	4	Jul 11, 2019	0.99	1.10	0.99	100.0%
18960601	402	876	MOORE	13132050	4	Jul 11, 2019	0.07	0.07	0.07	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.04	0.04	0.04	100.0%
18960601	2431	1831	EASTSIDE FIELD H	13132061	4	Jul 11, 2019	0.85	0.95	0.85	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.04	0.04	0.04	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 11, 2019	0.70	0.78	0.70	100.0%
18960601	668	1562	LOWER EASTSIDE &	13132291	4	Jul 11, 2019	0.36	0.40	0.36	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 11, 2019	0.41	0.46	0.41	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 11, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 11, 2019	2.00	2.23	2.00	100.0%
18960901	437	671	ARCO	13132365	2	Jul 11, 2019	0.13	0.14	0.13	100.0%
18960928	15	80	MUNSEY	13132375	2	Jul 11, 2019	2.33	2.60	2.33	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 11, 2019	0.03	0.03	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 11, 2019	1.97	2.20	1.97	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 11, 2019	4.40	4.90	4.40	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 11, 2019	4.00	4.00	4.00	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 11, 2019	0.15	0.15	0.15	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 11, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jul 11, 2019	0.16	0.18	0.16	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 11, 2019	0.70	0.70	0.70	100.0%
18970615	306	1697	MOORE	13132050	4	Jul 11, 2019	0.02	0.02	0.02	100.0%
18970615	242	214	MOORE	13132050	4	Jul 11, 2019	0.22	0.25	0.22	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jul 11, 2019	0.24	0.27	0.24	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 11, 2019	0.13	0.14	0.13	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 11, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jul 11, 2019	1.24	1.24	1.24	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.65	0.72	0.65	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.65	0.72	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jul 11, 2019	1.20	1.20	1.20	100.0%
18980901	268	562	ARCO	13132365	2	Jul 11, 2019	1.57	1.75	1.57	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	1.00	1.11	1.00	100.0%
18990327	180	468	MOORE	13132050	4	Jul 11, 2019	0.05	0.06	0.05	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 11, 2019	0.53	0.59	0.53	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 11, 2019	0.60	0.67	0.60	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 11, 2019	0.21	0.23	0.21	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 11, 2019	0.01	0.01	0.01	100.0%
18990327	113	584	MOORE	13132050	4	Jul 11, 2019	0.03	0.03	0.03	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jul 11, 2019	2.80	3.12	2.80	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 11, 2019	0.03	0.03	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 11, 2019	0.03	0.03	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 11, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 11, 2019	0.60	0.60	0.60	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jul 11, 2019	0.80	0.89	0.80	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 11, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 11, 2019	0.52	0.52	0.52	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 11, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 11, 2019	0.46	0.46	0.46	100.0%
19000924	318	543	MUNSEY	13132375	2	Jul 11, 2019	1.04	1.16	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 11, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.20	0.22	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jul 11, 2019	0.15	0.16	0.15	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jul 11, 2019	0.30	0.30	0.30	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 11, 2019	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jul 11, 2019	0.23	0.26	0.23	100.0%
19010901	70	339	MOORE	13132050	4	Jul 11, 2019	0.12	0.13	0.12	100.0%
19010901	459	684	MOORE	13132050	4	Jul 11, 2019	0.35	0.39	0.35	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 11, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jul 11, 2019	0.12	0.13	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jul 11, 2019	1.31	1.46	1.31	100.0%

19020103	279	2241	BRADSHAW	13120705	9	Jul 11, 2019	2.60	2.60	2.60	100.0%
19020115	442	2143	MUNSEY	13132375	2	Jul 11, 2019	1.60	1.78	1.60	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.20	0.22	0.20	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.20	0.22	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 11, 2019	0.31	0.34	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.44	0.49	0.44	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 11, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 11, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 11, 2019	0.80	0.80	0.80	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 11, 2019	3.20	3.20	3.20	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 11, 2019	3.25	3.25	3.25	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 11, 2019	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 11, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 11, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 11, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 11, 2019	2.70	3.01	2.70	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 11, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 11, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 11, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jul 11, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 11, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 11, 2019	1.22	1.22	1.22	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 11, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 11, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 11, 2019	0.49	0.49	0.49	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jul 11, 2019	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 11, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jul 11, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 11, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 11, 2019	1.56	1.74	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jul 11, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jul 11, 2019	0.38	0.38	0.38	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 11, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jul 11, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 11, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 11, 2019	0.02	0.02	0.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 11, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jul 11, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 11, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	KENT	13120605	9	Jul 11, 2019	0.45	0.45	0.45	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jul 11, 2019	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jul 11, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 11, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	BITTON	13120735	9	Jul 11, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 11, 2019	0.44	0.44	0.44	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 11, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 11, 2019	0.31	0.31	0.31	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 11, 2019	1.30	1.30	1.30	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jul 11, 2019	0.27	0.27	0.27	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 11, 2019	0.40	0.40	0.40	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 11, 2019	1.52	1.52	1.52	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 11, 2019	0.30	0.30	0.30	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 11, 2019	0.12	0.12	0.12	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 11, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 11, 2019	0.65	0.65	0.65	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 11, 2019	0.10	0.10	0.10	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 11, 2019	0.50	0.50	0.50	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 11, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 11, 2019	0.78	0.78	0.78	100.0%
19050501	364	690	CHILLY	13121105	9	Jul 11, 2019	1.10	1.10	1.10	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 11, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 11, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jul 11, 2019	0.19	0.21	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	Jul 11, 2019	0.50	0.50	0.50	100.0%

19061001	2431	1855	EASTSIDE FIELD H	13132061	4	Jul 11, 2019	0.16	0.18	0.16	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 11, 2019	0.42	0.42	0.42	99.5%
19070711	2610	2094	KENT	13120605	9	Jul 11, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	KENT	13120605	9	Jul 11, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	Jul 11, 2019	0.03	0.03	0.03	100.0%
19070711	59	786	BITTON	13120735	9	Jul 11, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jul 11, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	BITTON	13120735	9	Jul 11, 2019	0.55	0.55	0.55	100.0%
19080715	364	692	CHILLY	13121105	9	Jul 11, 2019	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jul 11, 2019	0.33	0.37	0.33	100.0%
19081207	459	1080	MOORE	13132050	4	Jul 11, 2019	0.50	0.56	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jul 11, 2019	0.17	0.19	0.17	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 11, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 11, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 11, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 11, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Jul 11, 2019	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 11, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 11, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 11, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 11, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jul 11, 2019	2.40	2.40	2.40	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 11, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 11, 2019	1.70	1.70	1.70	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.13	0.14	0.13	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jul 11, 2019	0.02	0.02	0.02	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 11, 2019	1.39	1.39	1.39	100.0%
19140103	59	1361	KENT	13120605	9	Jul 11, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	KENT	13120605	9	Jul 11, 2019	0.69	0.69	0.69	100.0%
19140103	2610	2092	KENT	13120605	9	Jul 11, 2019	0.77	0.77	0.77	100.0%
19140103	59	1361	BITTON	13120735	9	Jul 11, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 11, 2019	0.69	0.69	0.69	100.0%
19140103	2610	2092	BITTON	13120735	9	Jul 11, 2019	0.77	0.77	0.77	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 11, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 11, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 11, 2019	0.80	0.80	0.80	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 11, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 11, 2019	0.11	0.11	0.11	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jul 11, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 11, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Jul 11, 2019	2.35	2.35	2.35	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 11, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 11, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 11, 2019	0.88	0.88	0.88	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jul 11, 2019	0.32	0.32	0.32	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 11, 2019	1.00	1.00	1.00	100.0%
19170503	364	630	CHILLY	13121105	9	Jul 11, 2019	0.40	0.40	0.40	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 11, 2019	4.26	4.26	4.26	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 11, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jul 11, 2019	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	Jul 11, 2019	0.79	0.88	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	Jul 11, 2019	0.01	0.01	0.01	100.0%
19240806	417	695	MOORE	13132050	4	Jul 11, 2019	0.50	0.56	0.50	100.0%
19540821	2526	717	MUNSEY	13132375	2	Jul 11, 2019	1.20	1.34	1.20	100.0%
19600501	90	175	MOORE	13132050	4	Jul 11, 2019	0.44	0.49	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jul 11, 2019	0.11	0.12	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jul 11, 2019	4.90	5.46	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jul 11, 2019	0.02	0.02	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jul 11, 2019	4.40	4.90	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 11, 2019	16.00	17.83	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jul 11, 2019	1.00	1.11	1.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jul 11, 2019	0.82	0.91	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jul 11, 2019	8.06	8.98	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jul 11, 2019	51.34	57.23	51.34	100.0%

19950411	476	1273	ARCO	13132365	2	Jul 11, 2019	13.28	14.80	13.28	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jul 11, 2019	6.84	7.62	6.84	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jul 11, 2019	8.68	8.68	8.68	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jul 11, 2019	29.66	29.66	29.66	100.0%
19950411	476	1273	BURNETT	13127750	5	Jul 11, 2019	45.40	45.40	45.40	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jul 11, 2019	16.00	16.00	16.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jul 11, 2019	4.14	4.14	4.14	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jul 11, 2019	9969.40	9969.40	169.29	1.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 12, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 12	755.0	4.0	0.0	759.0	0.00	759.0	4.0	0.0	0.0	755.0	0.0	0.0
9	Howell to Chilly	Jul 12	488.0	126.1	0.0	-140.9	0.19	618.1	120.4	5.7	0.0	493.7	-5.7	0.0
8	Chilly to Reservoir	* Jul 12	594.3	60.3	0.0	166.6	0.00	784.7	57.5	2.9	0.0	602.9	-8.6	0.0
	Connected													
7	Mackay Reservoir	* Jul 12	576.4	0.0	0.0	0.0	0.00	817.7	184.5		0.0	418.4	158.0	0.0
6	Reservoir to 2B	Jul 12	567.0	9.4	0.0	0.0	0.00	784.7	9.3	0.1	0.0	409.1	157.9	0.0
5	2B to Leslie	Jul 12	426.0	174.0	0.0	33.0	0.00	817.7	164.7	9.3	0.0	277.3	148.7	0.0
4	Leslie to Moore	Jul 12	100.5	295.0	0.0	-30.5	0.07	817.7	192.7	102.3	0.0	64.8	35.7	0.0
2	Moore to blw Munsey	Jul 12	18.0	104.0	0.0	21.5	0.00	839.2	86.3	17.7	0.0	0.0	18.0	0.0
1	Blw Munsey to Arco	Jul 12	28.1	0.0	0.0	10.1	0.00	849.3	0.0	0.0	0.0	10.1	18.0	0.0
								TOTAL	819.3	138.0	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 12	0.0	0.0		20180101	2%
9	Howell to Chilly	Jul 12	0.0	0.0		20180101	2%
8	Chilly to Reservoir	Jul 12	0.0	0.0		20180101	2%
	Connected						
7	Mackay Reservoir	Jul 12	0.0	0.0		20180101	2%
6	Reservoir to 2B	Jul 12	0.0	0.0		20180101	2%
5	2B to Leslie	Jul 12	0.0	0.0		20180101	2%
4	Leslie to Moore	Jul 12	19.9	10.6		20180101	2%
2	Moore to blw Munsey	Jul 12	0.0	0.0		20180101	2%
1	Blw Munsey to Arco	Jul 12	0.0	0.0		20180101	2%
	TOTAL		19.9	10.6	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	463.3
2	18810630	1.7	294.0	246.2
3	18880601	3.2	556.5	463.3
4	18960601	6.4	1113.0	926.7
5	19020301	0.8	140.0	115.8
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	70560.5
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	116626.9

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44410.0	44420.0	10.0	5.0	12.8

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	72775.9
Total Storage Loss	-39644.4
Total Storage Deliver	-16408.9
Total Evaporation	-1173.2
Accounting Balance	44419.4
Current Res Content	44420.0
Storage Balance Error	-0.6

DAILY STORAGE BALANCE

44410.0	Reservoir Content Previous Day [ac-ft]
44420.0	Reservoir Content Current Day [ac-ft]
10.0	Physical Change in Storage [ac-ft]
366.0	Storage Allocated to Mackay Reservoir [ac-ft]
-56.7	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-10.6	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-18.0	Past Arco Gage [cfs]
-273.8	Storage Delivered [ac-ft]
8.6	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
9.3	2B to Leslie [cfs]
102.3	Leslie to Moore [cfs]
17.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-25.4	Evaporation [ac-ft]
10.1	Accounting Change in Storage [ac-ft]
0.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

594.3	Gain in/above Mackay Reservoir [cfs]
33.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
21.5	Gain in Reach 2: Moore to Munsey [cfs]
10.1	Gain in Reach 1: Munsey to Arco [cfs]
658.9	Total Available Natural Flow [cfs]
184.5	Reservoir Rights Diverted [cfs]
30.0	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
19.9	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
10.1	Natural Flow Past Arco Gage [cfs]
444.4	Natural Flow Delivered [cfs]
-8.6	Above Reservoir Storage Use [cfs]
9.3	Reservoir to 2B [cfs]
164.7	2B to Leslie [cfs]
192.7	Leslie to Moore [cfs]
86.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
658.9	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.0	550
Eastside Felton Wier +	76.8	3840
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	87.8	4390
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.7	84
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	5.6	280
Eastside R Reynolds Delivery +	2.7	135
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	104.5	5223
Island Babcock Delivery +	0.9	45
Island Felton Farms Delivery +	2.0	100
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	4.4	218
Island Wanstrom David +	0.0	0
Eastside OUT	56.6	2830
Total Out	178.3	8915

Abbreviated Reach Delivery Factor Total Out Divided By Total In	2.03

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 337.2%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 56.6 cfs
Step 4 - River at Weirs	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 16.8 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 86.4%
Step 6 - River at Eastside In	River at Weirs --- Upper Reach Delivery Factor	= 19.4 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 108.6 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 241.5%
Step 9 - Eastside River Delivery Factor	River at Eastside Out --- River at Eastside In	= 291.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 12, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.3	0.0	0.3	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.9	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	9.4	0.1	18.8
9	BITTON	6.3	0.0	0.3	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.6	0.0	47.2	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	28.0	3.4	335.6
9	Thalman Hunter D	4.6	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	52.0	0.5	752.6
9	NEILSEN	50.3	5.7	505.1	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	78.0	5.4	1404.3
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	47.0	0.0	0.0	8	Broken River Pum	3.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	15.4	10.4	688.4
8	Mtn. Springs 3	2.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	4.0	4.0	442.3
8	Donahue 1	0.8	0.7	110.8	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	8.9
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	253.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	149.0	16.5	2876.1
8	Mtn. Springs 1	2.5	2.0	503.7	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	108.6	72.2	7839.9
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	40.0	9.5	1012.3
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	64.0	13.1	401.6
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.6	0.1	2.2	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	0.0	464.1	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 12, 2019	4.24	4.24	4.24	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 12, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 12, 2019	0.59	0.59	0.59	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 12, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 12, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 12, 2019	0.84	0.84	0.84	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 12, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 12, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 12, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 12, 2019	1.20	1.20	1.20	100.0%
18830601	221	855	MOORE	13132050	4	Jul 12, 2019	1.60	1.72	1.60	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 12, 2019	1.54	1.66	1.54	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 12, 2019	0.79	0.85	0.79	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 12, 2019	0.27	0.29	0.27	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 12, 2019	1.72	1.85	1.72	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 12, 2019	1.13	1.22	1.13	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 12, 2019	0.01	0.01	0.01	100.0%
18830810	263	393	MOORE	13132050	4	Jul 12, 2019	0.18	0.19	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 12, 2019	0.18	0.19	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jul 12, 2019	0.48	0.52	0.48	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.43	0.46	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.21	0.23	0.21	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.21	0.23	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 12, 2019	1.64	1.77	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 12, 2019	0.14	0.15	0.14	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 12, 2019	1.12	1.12	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 12, 2019	0.07	0.07	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 12, 2019	1.78	1.78	1.78	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 12, 2019	0.20	0.20	0.20	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 12, 2019	2.17	2.17	2.17	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 12, 2019	0.55	0.55	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 12, 2019	1.63	1.63	1.63	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 12, 2019	0.96	0.96	0.96	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 12, 2019	0.14	0.14	0.14	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 12, 2019	0.50	0.50	0.50	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 12, 2019	0.21	0.21	0.21	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 12, 2019	2.00	2.00	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 12, 2019	0.79	0.79	0.79	100.0%
18840422	347	938	SHARP	13126500	6	Jul 12, 2019	2.22	2.22	2.22	100.0%
18840422	544	2189	SHARP	13126500	6	Jul 12, 2019	1.00	1.00	1.00	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 12, 2019	0.12	0.12	0.12	100.0%
18840422	284	228	SHARP	13126500	6	Jul 12, 2019	0.13	0.13	0.13	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 12, 2019	0.60	0.60	0.60	100.0%
18840422	24	120	SHARP	13126500	6	Jul 12, 2019	0.08	0.08	0.08	100.0%
18840430	141	1365	BECK	13130525	4	Jul 12, 2019	1.00	1.08	1.00	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 12, 2019	1.60	1.60	1.60	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 12, 2019	0.40	0.40	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 12, 2019	0.80	0.80	0.80	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 12, 2019	0.40	0.40	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 12, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 12, 2019	1.80	1.80	1.80	100.0%
18840520	180	470	MOORE	13132050	4	Jul 12, 2019	0.16	0.17	0.16	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 12, 2019	0.02	0.02	0.02	100.0%
18840520	14	2061	MOORE	13132050	4	Jul 12, 2019	0.04	0.04	0.04	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 12, 2019	2.14	2.31	2.14	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 12, 2019	0.50	0.54	0.50	100.0%
18840520	427	1	MOORE	13132050	4	Jul 12, 2019	1.12	1.21	1.12	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 12, 2019	0.38	0.41	0.38	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 12, 2019	0.78	0.84	0.78	100.0%

18840520	414	1796	MOORE	13132050	4	Jul 12, 2019	1.60	1.72	1.60	100.0%
18840520	113	585	MOORE	13132050	4	Jul 12, 2019	0.11	0.12	0.11	100.0%
18840520	96	451	MOORE	13132050	4	Jul 12, 2019	0.58	0.62	0.58	100.0%
18840520	263	394	MOORE	13132050	4	Jul 12, 2019	0.22	0.24	0.22	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 12, 2019	0.22	0.24	0.22	100.0%
18840520	433	271	MOORE	13132050	4	Jul 12, 2019	0.54	0.58	0.54	100.0%
18840520	14	2002	MOORE	13132050	4	Jul 12, 2019	0.02	0.02	0.02	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 12, 2019	0.04	0.04	0.04	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 12, 2019	0.01	0.01	0.01	100.0%
18840520	219	547	MOORE	13132050	4	Jul 12, 2019	1.15	1.24	1.15	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 12, 2019	0.01	0.01	0.01	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 12, 2019	0.80	0.86	0.80	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 12, 2019	2.24	2.41	2.24	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 12, 2019	0.18	0.19	0.18	100.0%
18840520	242	210	MOORE	13132050	4	Jul 12, 2019	0.21	0.23	0.21	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.80	0.86	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 12, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 12, 2019	0.50	0.50	0.50	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 12, 2019	1.20	1.29	1.20	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 12, 2019	1.28	1.38	1.28	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 12, 2019	0.01	0.01	0.01	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 12, 2019	0.09	0.10	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 12, 2019	0.54	0.58	0.54	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 12, 2019	0.08	0.09	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Jul 12, 2019	0.21	0.23	0.21	100.0%
18840601	263	395	MOORE	13132050	4	Jul 12, 2019	0.08	0.09	0.08	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 12, 2019	0.16	0.17	0.16	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 12, 2019	0.80	0.80	0.80	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 12, 2019	0.20	0.20	0.20	100.0%
18840601	360	693	BURNETT	13127750	5	Jul 12, 2019	0.40	0.40	0.40	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 12, 2019	0.40	0.40	0.40	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 12, 2019	0.73	0.73	0.73	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 12, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 12, 2019	0.27	0.27	0.27	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 12, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 12, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 12, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 12, 2019	0.40	0.40	0.40	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 12, 2019	1.20	1.29	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jul 12, 2019	0.80	0.86	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 12, 2019	0.54	0.58	0.54	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 12, 2019	1.20	1.29	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 12, 2019	0.80	0.86	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 12, 2019	0.80	0.86	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 12, 2019	0.09	0.10	0.09	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 12, 2019	0.40	0.43	0.40	100.0%
18840831	533	421	MOORE	13132050	4	Jul 12, 2019	0.14	0.15	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 12, 2019	0.58	0.62	0.58	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 12, 2019	0.20	0.22	0.20	100.0%
18840831	2431	1799	EASTSIDE FIELD H	13132061	4	Jul 12, 2019	0.13	0.14	0.13	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.40	0.43	0.40	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.40	0.43	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.44	0.47	0.44	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 12, 2019	1.31	1.41	1.31	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.50	0.54	0.50	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 12, 2019	3.20	3.45	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 12, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 12, 2019	0.40	0.40	0.40	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 12, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jul 12, 2019	1.76	1.90	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Jul 12, 2019	0.31	0.33	0.31	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 12, 2019	0.89	0.96	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 12, 2019	1.25	1.35	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Jul 12, 2019	0.58	0.62	0.58	100.0%

18841012	317	385	SWAUGER	13127600	5	Jul 12, 2019	0.74	0.74	0.74	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 12, 2019	0.81	0.81	0.81	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 12, 2019	0.47	0.47	0.47	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 12, 2019	2.77	2.77	2.77	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 12, 2019	2.78	2.78	2.78	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 12, 2019	3.30	3.30	3.30	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 12, 2019	0.59	0.59	0.59	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 12, 2019	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 12, 2019	1.65	1.65	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 12, 2019	0.24	0.24	0.24	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jul 12, 2019	0.23	0.23	0.23	100.0%
18850501	423	87	ARCO	13132365	2	Jul 12, 2019	0.20	0.22	0.19	92.8%
18850501	423	186	ARCO	13132365	2	Jul 12, 2019	0.26	0.28	0.24	92.8%
18850501	426	887	ARCO	13132365	2	Jul 12, 2019	0.64	0.69	0.59	92.8%
18850501	468	59	ARCO	13132365	2	Jul 12, 2019	0.74	0.80	0.69	92.8%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 12, 2019	1.80	1.94	1.80	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jul 12, 2019	2.00	2.15	2.00	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 12, 2019	0.24	0.26	0.24	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 12, 2019	0.20	0.22	0.20	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 12, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 12, 2019	2.80	2.80	2.80	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	1.40	1.51	1.40	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.20	0.22	0.20	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.20	0.22	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jul 12, 2019	0.48	0.52	0.48	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 12, 2019	0.30	0.32	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 12, 2019	0.56	0.60	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 12, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 12, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 12, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 12, 2019	0.01	0.01	0.01	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 12, 2019	0.04	0.05	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 12, 2019	1.56	1.68	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	2.80	3.02	2.80	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 12, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 12, 2019	0.24	0.26	0.24	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 12, 2019	0.10	0.11	0.10	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 12, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 12, 2019	1.80	1.80	1.80	100.0%
18850601	544	2205	SHARP	13126500	6	Jul 12, 2019	0.80	0.80	0.80	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 12, 2019	0.28	0.28	0.28	100.0%
18851002	468	61	ARCO	13132365	2	Jul 12, 2019	3.60	3.88	3.34	92.8%
18851002	437	62	ARCO	13132365	2	Jul 12, 2019	1.54	1.66	1.43	92.8%
18851002	318	817	MUNSEY	13132375	2	Jul 12, 2019	0.80	0.86	0.74	92.8%
18851002	318	545	MUNSEY	13132375	2	Jul 12, 2019	0.75	0.81	0.70	92.8%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 12, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 12, 2019	1.60	1.72	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jul 12, 2019	1.20	1.29	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 12, 2019	2.80	3.02	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 12, 2019	5.36	5.77	5.36	100.0%
18860512	263	398	MOORE	13132050	4	Jul 12, 2019	0.18	0.19	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jul 12, 2019	0.48	0.52	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 12, 2019	0.18	0.19	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 12, 2019	0.01	0.01	0.01	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	1.77	1.91	1.77	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 12, 2019	2.40	2.59	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 12, 2019	0.20	0.22	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 12, 2019	0.08	0.09	0.08	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	1.00	1.08	1.00	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	1.60	1.72	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 12, 2019	0.45	0.45	0.45	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jul 12, 2019	0.50	0.50	0.50	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	1.00	1.08	1.00	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.80	0.86	0.80	100.0%

18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.10	0.11	0.10	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 12, 2019	0.60	0.60	0.60	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 12, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 12, 2019	0.52	0.52	0.52	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 12, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jul 12, 2019	0.84	0.90	0.78	92.8%
18860901	605	955	Stoecklein 1	13124173	8	Jul 12, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 12, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 12, 2019	1.26	1.26	1.26	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 12, 2019	3.20	3.45	3.20	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 12, 2019	1.60	1.72	1.60	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 12, 2019	0.80	0.86	0.80	100.0%
18870313	70	337	MOORE	13132050	4	Jul 12, 2019	0.23	0.25	0.23	100.0%
18870313	459	338	MOORE	13132050	4	Jul 12, 2019	0.42	0.45	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Jul 12, 2019	0.13	0.14	0.13	100.0%
18870313	459	682	MOORE	13132050	4	Jul 12, 2019	0.65	0.70	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 12, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 12, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 12, 2019	3.20	3.45	2.97	92.8%
18870601	468	893	ARCO	13132365	2	Jul 12, 2019	1.00	1.08	0.93	92.8%
18870601	423	1028	ARCO	13132365	2	Jul 12, 2019	1.80	1.94	1.67	92.8%
18870601	423	76	ARCO	13132365	2	Jul 12, 2019	0.22	0.24	0.20	92.8%
18870601	305	1351	3IN1	13130605	4	Jul 12, 2019	1.00	1.08	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 12, 2019	3.20	3.45	3.20	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 12, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 12, 2019	0.75	0.75	0.75	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 12, 2019	0.16	0.16	0.16	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 12, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 12, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 12, 2019	0.80	0.80	0.80	100.0%
18870630	236	1428	BECK	13130525	4	Jul 12, 2019	0.36	0.39	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 12, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jul 12, 2019	0.42	0.45	0.39	92.8%
18870801	623	2203	BURNETT	13127750	5	Jul 12, 2019	0.33	0.33	0.33	100.0%
18870801	119	1166	BURNETT	13127750	5	Jul 12, 2019	0.27	0.27	0.27	100.0%
18870831	119	1154	BURNETT	13127750	5	Jul 12, 2019	0.20	0.20	0.20	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 12, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 12, 2019	0.49	0.49	0.49	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 12, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 12, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jul 12, 2019	0.33	0.36	0.31	92.8%
18880601	2612	2198	SWAUGER	13127600	5	Jul 12, 2019	0.76	0.76	0.76	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 12, 2019	0.15	0.15	0.15	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 12, 2019	0.19	0.19	0.19	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 12, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 12, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 12, 2019	0.40	0.43	0.37	92.8%
18880801	279	2125	Anderson	13120745	9	Jul 12, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 12, 2019	0.73	0.73	0.73	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 12, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 12, 2019	0.30	0.30	0.30	100.0%
18881101	59	2222	KENT	13120605	9	Jul 12, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 12, 2019	0.77	0.77	0.77	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 12, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 12, 2019	0.83	0.83	0.83	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 12, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 12, 2019	0.18	0.19	0.18	100.0%
18890601	441	205	MOORE	13132050	4	Jul 12, 2019	0.97	1.04	0.97	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 12, 2019	0.34	0.37	0.34	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 12, 2019	0.50	0.54	0.50	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 12, 2019	1.20	1.20	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 12, 2019	2.70	2.70	2.70	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 12, 2019	0.80	0.80	0.80	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 12, 2019	0.70	0.70	0.70	100.0%

18900601	372	886	ARCO	13132365	2	Jul 12, 2019	0.59	0.64	0.55	92.8%
18900601	426	756	ARCO	13132365	2	Jul 12, 2019	0.57	0.61	0.53	92.8%
18900601	48	1023	MUNSEY	13132375	2	Jul 12, 2019	3.60	3.88	0.04	1.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 12, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 12, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 12, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 12, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 12, 2019	1.76	1.76	1.76	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 12, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 12, 2019	5.20	5.20	5.20	100.0%
18920101	2615	1643	MOORE	13132050	4	Jul 12, 2019	1.16	1.25	1.16	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 12, 2019	0.20	0.22	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jul 12, 2019	0.80	0.86	0.80	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 12, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 12, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 12, 2019	0.30	0.32	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jul 12, 2019	0.22	0.24	0.22	100.0%
18930201	158	538	MOORE	13132050	4	Jul 12, 2019	0.03	0.03	0.03	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 12, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	Jul 12, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	KENT	13120605	9	Jul 12, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 12, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 12, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 12, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 12, 2019	0.58	0.58	0.58	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 12, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 12, 2019	0.40	0.40	0.40	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 12, 2019	0.96	0.96	0.96	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 12, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 12, 2019	2.98	2.98	2.98	100.0%
18940531	5	776	MOORE	13132050	4	Jul 12, 2019	0.20	0.22	0.20	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 12, 2019	3.20	3.45	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jul 12, 2019	0.15	0.16	0.15	100.0%
18940601	158	536	MOORE	13132050	4	Jul 12, 2019	0.02	0.02	0.02	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 12, 2019	0.11	0.11	0.11	100.0%
18940601	284	229	SHARP	13126500	6	Jul 12, 2019	0.15	0.15	0.15	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 12, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 12, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 12, 2019	3.20	3.20	3.20	100.0%
18950601	158	534	MOORE	13132050	4	Jul 12, 2019	0.01	0.01	0.01	100.0%
18950601	242	212	MOORE	13132050	4	Jul 12, 2019	0.11	0.12	0.11	100.0%
18950601	417	378	MOORE	13132050	4	Jul 12, 2019	0.10	0.11	0.10	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 12, 2019	0.80	0.86	0.80	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.40	0.43	0.40	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.72	0.78	0.72	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 12, 2019	0.30	0.30	0.30	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 12, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 12, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jul 12, 2019	1.74	1.87	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 12, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jul 12, 2019	0.25	0.27	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jul 12, 2019	0.25	0.27	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 12, 2019	3.20	3.20	3.20	100.0%
18960601	417	992	MOORE	13132050	4	Jul 12, 2019	1.20	1.29	1.20	100.0%
18960601	417	381	MOORE	13132050	4	Jul 12, 2019	2.40	2.59	2.40	100.0%
18960601	263	397	MOORE	13132050	4	Jul 12, 2019	0.35	0.38	0.35	100.0%
18960601	441	207	MOORE	13132050	4	Jul 12, 2019	0.99	1.07	0.99	100.0%
18960601	263	399	MOORE	13132050	4	Jul 12, 2019	0.27	0.29	0.27	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 12, 2019	1.56	1.68	1.56	100.0%
18960601	158	540	MOORE	13132050	4	Jul 12, 2019	0.32	0.34	0.32	100.0%
18960601	406	65	MOORE	13132050	4	Jul 12, 2019	0.30	0.32	0.30	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 12, 2019	2.12	2.28	2.12	100.0%
18960601	459	993	MOORE	13132050	4	Jul 12, 2019	0.40	0.43	0.40	100.0%
18960601	309	877	MOORE	13132050	4	Jul 12, 2019	0.07	0.07	0.07	100.0%

18960601	533	424	MOORE	13132050	4	Jul 12, 2019	0.06	0.06	0.06	100.0%
18960601	96	461	MOORE	13132050	4	Jul 12, 2019	0.03	0.03	0.03	100.0%
18960601	96	457	MOORE	13132050	4	Jul 12, 2019	0.92	0.99	0.92	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 12, 2019	0.48	0.52	0.48	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 12, 2019	0.23	0.25	0.23	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 12, 2019	0.40	0.43	0.40	100.0%
18960601	402	876	MOORE	13132050	4	Jul 12, 2019	0.07	0.07	0.07	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 12, 2019	0.60	0.65	0.60	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 12, 2019	0.03	0.03	0.03	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 12, 2019	0.02	0.02	0.02	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 12, 2019	0.40	0.43	0.40	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 12, 2019	0.44	0.47	0.44	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jul 12, 2019	0.80	0.86	0.80	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 12, 2019	0.41	0.44	0.41	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.04	0.04	0.04	100.0%
18960601	2431	1831	EASTSIDE FIELD H	13132061	4	Jul 12, 2019	0.85	0.92	0.85	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 12, 2019	0.70	0.75	0.70	100.0%
18960601	668	1562	LOWER EASTSIDE &	13132291	4	Jul 12, 2019	0.36	0.39	0.36	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 12, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 12, 2019	2.00	2.15	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jul 12, 2019	0.20	0.20	0.20	100.0%
18960901	437	671	ARCO	13132365	2	Jul 12, 2019	0.13	0.14	0.13	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 12, 2019	0.03	0.03	0.03	100.0%
18960928	319	1175	MUNSEY	13132375	2	Jul 12, 2019	0.07	0.07	0.07	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 12, 2019	4.40	4.74	4.40	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 12, 2019	1.97	2.12	1.97	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 12, 2019	6.00	6.00	6.00	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 12, 2019	0.15	0.15	0.15	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 12, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jul 12, 2019	0.16	0.17	0.16	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 12, 2019	0.70	0.70	0.70	100.0%
18970615	306	1697	MOORE	13132050	4	Jul 12, 2019	0.02	0.02	0.02	100.0%
18970615	242	214	MOORE	13132050	4	Jul 12, 2019	0.22	0.24	0.22	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 12, 2019	0.13	0.14	0.13	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jul 12, 2019	0.24	0.26	0.24	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 12, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jul 12, 2019	1.24	1.24	1.24	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.65	0.70	0.65	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.65	0.70	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jul 12, 2019	1.20	1.20	1.20	100.0%
18980901	268	562	ARCO	13132365	2	Jul 12, 2019	1.57	1.69	1.57	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	1.00	1.08	1.00	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 12, 2019	0.53	0.57	0.53	100.0%
18990327	113	584	MOORE	13132050	4	Jul 12, 2019	0.03	0.03	0.03	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 12, 2019	0.01	0.01	0.01	100.0%
18990327	14	2062	MOORE	13132050	4	Jul 12, 2019	0.01	0.01	0.01	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 12, 2019	0.60	0.65	0.60	100.0%
18990327	219	549	MOORE	13132050	4	Jul 12, 2019	0.27	0.29	0.27	100.0%
18990327	180	468	MOORE	13132050	4	Jul 12, 2019	0.05	0.05	0.05	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 12, 2019	0.21	0.23	0.21	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jul 12, 2019	2.80	3.02	2.80	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 12, 2019	0.03	0.03	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 12, 2019	0.03	0.03	0.03	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 12, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 12, 2019	2.74	2.74	2.74	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jul 12, 2019	0.80	0.86	0.80	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 12, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 12, 2019	0.52	0.52	0.52	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 12, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 12, 2019	0.46	0.46	0.46	100.0%
19000924	318	543	MUNSEY	13132375	2	Jul 12, 2019	1.04	1.12	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 12, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.20	0.22	0.20	100.0%

19010722	665	1851	ARCO	13132365	2	Jul 12, 2019	0.15	0.16	0.15	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jul 12, 2019	0.30	0.30	0.30	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 12, 2019	3.20	3.20	3.20	100.0%
19010901	319	1512	MUNSEY	13132375	2	Jul 12, 2019	0.43	0.47	0.43	100.0%
19010901	70	339	MOORE	13132050	4	Jul 12, 2019	0.12	0.13	0.12	100.0%
19010901	459	684	MOORE	13132050	4	Jul 12, 2019	0.35	0.38	0.35	100.0%
19010901	459	340	MOORE	13132050	4	Jul 12, 2019	0.23	0.25	0.23	100.0%
19011001	263	396	MOORE	13132050	4	Jul 12, 2019	0.12	0.13	0.12	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 12, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	Jul 12, 2019	1.31	1.41	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 12, 2019	2.60	2.60	2.60	100.0%
19020115	442	2143	MUNSEY	13132375	2	Jul 12, 2019	1.60	1.72	1.60	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.20	0.22	0.20	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.20	0.22	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 12, 2019	0.31	0.33	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.44	0.47	0.44	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 12, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 12, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 12, 2019	0.80	0.80	0.80	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 12, 2019	3.20	3.20	3.20	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 12, 2019	3.25	3.25	3.25	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 12, 2019	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 12, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 12, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 12, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 12, 2019	2.70	2.91	2.70	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 12, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 12, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 12, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jul 12, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 12, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 12, 2019	1.22	1.22	1.22	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 12, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 12, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 12, 2019	0.49	0.49	0.49	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jul 12, 2019	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 12, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jul 12, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 12, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 12, 2019	1.56	1.68	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jul 12, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jul 12, 2019	0.38	0.38	0.38	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jul 12, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 12, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 12, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 12, 2019	0.02	0.02	0.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 12, 2019	0.13	0.13	0.13	100.0%
19050501	59	2145	KENT	13120605	9	Jul 12, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 12, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	KENT	13120605	9	Jul 12, 2019	0.02	0.02	0.02	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jul 12, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jul 12, 2019	0.62	0.62	0.62	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 12, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 12, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	BITTON	13120735	9	Jul 12, 2019	0.02	0.02	0.02	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 12, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 12, 2019	0.31	0.31	0.31	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 12, 2019	0.40	0.40	0.40	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 12, 2019	1.30	1.30	1.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 12, 2019	0.65	0.65	0.65	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 12, 2019	0.12	0.12	0.12	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 12, 2019	1.52	1.52	1.52	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 12, 2019	0.10	0.10	0.10	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 12, 2019	0.30	0.30	0.30	100.0%

19050501	2329	1737	NEILSEN	13120805	9	Jul 12, 2019	0.27	0.27	0.27	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 12, 2019	0.50	0.50	0.50	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 12, 2019	0.82	0.82	0.82	100.0%
19050501	364	690	CHILLY	13121105	9	Jul 12, 2019	1.10	1.10	1.10	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 12, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 12, 2019	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 12, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 12, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jul 12, 2019	0.19	0.20	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	Jul 12, 2019	0.50	0.50	0.50	100.0%
19061001	2431	1855	EASTSIDE FIELD H	13132061	4	Jul 12, 2019	0.16	0.17	0.16	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 12, 2019	0.42	0.42	0.42	99.5%
19070711	2610	2094	KENT	13120605	9	Jul 12, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	KENT	13120605	9	Jul 12, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	KENT	13120605	9	Jul 12, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	BITTON	13120735	9	Jul 12, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jul 12, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	BITTON	13120735	9	Jul 12, 2019	0.55	0.55	0.55	100.0%
19080715	364	692	CHILLY	13121105	9	Jul 12, 2019	0.50	0.50	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jul 12, 2019	0.17	0.18	0.17	100.0%
19081207	459	344	MOORE	13132050	4	Jul 12, 2019	0.33	0.36	0.33	100.0%
19081207	459	1080	MOORE	13132050	4	Jul 12, 2019	0.50	0.54	0.50	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 12, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 12, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 12, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 12, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Jul 12, 2019	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 12, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 12, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 12, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 12, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 12, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jul 12, 2019	2.40	2.40	2.40	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 12, 2019	1.70	1.70	1.70	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.02	0.02	0.02	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jul 12, 2019	0.13	0.14	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 12, 2019	1.39	1.39	1.39	100.0%
19140103	2610	2092	KENT	13120605	9	Jul 12, 2019	0.77	0.77	0.77	100.0%
19140103	59	2233	KENT	13120605	9	Jul 12, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	KENT	13120605	9	Jul 12, 2019	0.04	0.04	0.04	100.0%
19140103	59	1361	BITTON	13120735	9	Jul 12, 2019	0.04	0.04	0.04	100.0%
19140103	2610	2092	BITTON	13120735	9	Jul 12, 2019	0.77	0.77	0.77	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 12, 2019	0.69	0.69	0.69	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 12, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 12, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 12, 2019	0.02	0.02	0.02	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 12, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 12, 2019	0.11	0.11	0.11	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jul 12, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 12, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Jul 12, 2019	2.35	2.35	2.35	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 12, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 12, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 12, 2019	0.88	0.88	0.88	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jul 12, 2019	0.32	0.32	0.32	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 12, 2019	1.00	1.00	1.00	100.0%
19170503	364	630	CHILLY	13121105	9	Jul 12, 2019	0.40	0.40	0.40	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 12, 2019	4.26	4.26	4.26	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 12, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jul 12, 2019	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	Jul 12, 2019	0.01	0.01	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	Jul 12, 2019	0.79	0.85	0.79	100.0%
19240806	417	695	MOORE	13132050	4	Jul 12, 2019	0.50	0.54	0.50	100.0%
19540821	2526	717	MUNSEY	13132375	2	Jul 12, 2019	1.20	1.29	1.20	100.0%

19600501	90	175	MOORE	13132050	4	Jul 12, 2019	0.44	0.47	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jul 12, 2019	0.11	0.12	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jul 12, 2019	4.90	5.28	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jul 12, 2019	0.02	0.02	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jul 12, 2019	4.40	4.74	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 12, 2019	16.00	17.23	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jul 12, 2019	1.00	1.08	1.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jul 12, 2019	0.82	0.88	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jul 12, 2019	8.06	8.68	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jul 12, 2019	47.34	50.99	47.34	100.0%
19950411	476	1273	ARCO	13132365	2	Jul 12, 2019	13.28	14.30	13.28	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jul 12, 2019	6.56	7.07	6.56	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jul 12, 2019	8.58	8.58	8.58	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jul 12, 2019	27.16	27.16	27.16	100.0%
19950411	476	1273	BURNETT	13127750	5	Jul 12, 2019	40.68	40.68	40.68	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jul 12, 2019	16.00	16.00	16.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jul 12, 2019	3.14	3.14	3.14	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jul 12, 2019	9969.40	9969.40	169.20	1.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 13, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 13	738.0	4.0	0.0	742.0	0.00	742.0	4.0	0.0	0.0	738.0	0.0	0.0
9	Howell to Chilly	Jul 13	488.0	126.1	0.0	-123.9	0.17	618.1	120.4	5.7	0.0	493.7	-5.7	0.0
8	Chilly to Reservoir	* Jul 13	596.2	60.3	0.0	168.5	0.00	786.6	57.5	2.9	0.0	604.8	-8.6	0.0
	Connected													
7	Mackay Reservoir	* Jul 13	572.4	0.0	0.0	0.0	0.00	815.6	180.1		0.0	424.7	147.7	0.0
6	Reservoir to 2B	Jul 13	563.0	9.4	0.0	0.0	0.00	786.6	9.3	0.1	0.0	415.4	147.6	0.0
5	2B to Leslie	Jul 13	419.0	173.0	0.0	29.0	0.00	815.6	164.2	8.8	0.0	280.1	138.9	0.0
4	Leslie to Moore	Jul 13	90.1	296.6	0.0	-32.3	0.08	815.6	199.3	97.2	0.0	59.2	30.9	0.0
2	Moore to blw Munsey	Jul 13	11.2	106.0	0.0	27.1	0.00	842.7	86.3	19.7	0.0	0.0	11.2	0.0
1	Blw Munsey to Arco	Jul 13	23.3	0.0	0.0	12.1	0.00	854.8	0.0	0.0	0.0	12.1	11.2	0.0
								TOTAL	821.1	134.4	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 13	0.0	0.0		20180101	2%
9	Howell to Chilly	Jul 13	0.0	0.0		20180101	2%
8	Chilly to Reservoir	Jul 13	0.0	0.0		20180101	2%
	Connected						
7	Mackay Reservoir	Jul 13	0.0	0.0		20180101	2%
6	Reservoir to 2B	Jul 13	0.0	0.0		20180101	2%
5	2B to Leslie	Jul 13	0.0	0.0		20180101	2%
4	Leslie to Moore	Jul 13	21.6	10.7		20180101	2%
2	Moore to blw Munsey	Jul 13	0.0	0.0		20180101	2%
1	Blw Munsey to Arco	Jul 13	0.0	0.0		20180101	2%
		TOTAL	21.6	10.7	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	469.7
2	18810630	1.7	294.0	249.5
3	18880601	3.2	556.5	469.7
4	18960601	6.4	1113.0	939.4
5	19020301	0.8	140.0	117.4
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	70887.4
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	116984.2

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44420.0	44440.0	20.0	10.1	13.7

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	73133.2
Total Storage Loss	-39687.8
Total Storage Deliver	-16675.5
Total Evaporation	-1200.3
Accounting Balance	44439.6
Current Res Content	44440.0
Storage Balance Error	-0.4

DAILY STORAGE BALANCE

44420.0	Reservoir Content Previous Day [ac-ft]
44440.0	Reservoir Content Current Day [ac-ft]
20.0	Physical Change in Storage [ac-ft]
357.3	Storage Allocated to Mackay Reservoir [ac-ft]
-43.4	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-10.7	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-11.2	Past Arco Gage [cfs]
-266.7	Storage Delivered [ac-ft]
8.6	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
8.8	2B to Leslie [cfs]
97.2	Leslie to Moore [cfs]
19.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-27.1	Evaporation [ac-ft]
20.1	Accounting Change in Storage [ac-ft]
0.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

596.2	Gain in/above Mackay Reservoir [cfs]
29.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
27.1	Gain in Reach 2: Moore to Munsey [cfs]
12.1	Gain in Reach 1: Munsey to Arco [cfs]
664.4	Total Available Natural Flow [cfs]
180.1	Reservoir Rights Diverted [cfs]
33.7	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
21.6	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
12.1	Natural Flow Past Arco Gage [cfs]
450.5	Natural Flow Delivered [cfs]
-8.6	Above Reservoir Storage Use [cfs]
9.3	Reservoir to 2B [cfs]
164.2	2B to Leslie [cfs]
199.3	Leslie to Moore [cfs]
86.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
664.3	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	12.1	605
Eastside Felton Wier +	79.0	3950
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	91.1	4555
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.7	84
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	5.6	280
Eastside R Reynolds Delivery +	2.7	135
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	102.8	5138
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	2.0	100
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	4.4	218
Island Wanstrom David +	0.0	0
Eastside OUT	58.9	2945
Total Out	180.0	8998

Abbreviated Reach Delivery Factor 1.98
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 322.6%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 58.9 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 18.3 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 90.2%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 20.2 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 106.8 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 242.1%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 291.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 13, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	4.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.3	0.0	0.4	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.9	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	9.4	0.1	19.0
9	BITTON	6.3	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.6	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	28.4	3.4	342.3
9	Thalman Hunter D	4.6	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	52.6	0.0	752.6
9	NEILSEN	50.3	5.7	516.5	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	76.0	5.4	1415.0
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	47.0	0.0	0.0	8	Broken River Pum	3.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	15.6	10.6	709.4
8	Mtn. Springs 3	2.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	4.0	4.0	450.3
8	Donahue 1	0.8	0.7	112.2	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	9.2
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	257.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	152.2	14.7	2905.3
8	Mtn. Springs 1	2.5	2.0	507.6	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	106.8	68.8	7976.3
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	36.0	11.6	1035.4
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	70.0	10.6	422.7
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.6	0.1	2.5	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	0.0	464.1	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 13, 2019	4.24	4.24	4.24	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 13, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 13, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 13, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 13, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 13, 2019	0.84	0.84	0.84	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 13, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 13, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 13, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 13, 2019	1.20	1.20	1.20	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 13, 2019	1.54	1.67	1.54	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 13, 2019	0.27	0.30	0.27	100.0%
18830601	221	855	MOORE	13132050	4	Jul 13, 2019	1.60	1.73	1.60	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 13, 2019	0.79	0.86	0.79	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 13, 2019	1.13	1.22	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 13, 2019	1.72	1.86	1.72	100.0%
18830810	263	393	MOORE	13132050	4	Jul 13, 2019	0.18	0.20	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 13, 2019	0.01	0.01	0.01	100.0%
18830810	96	449	MOORE	13132050	4	Jul 13, 2019	0.48	0.52	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 13, 2019	0.18	0.20	0.18	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.21	0.23	0.21	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.21	0.23	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.43	0.47	0.43	100.0%
18840422	236	30	BECK	13130525	4	Jul 13, 2019	1.64	1.78	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 13, 2019	0.14	0.15	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 13, 2019	0.07	0.07	0.07	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 13, 2019	1.12	1.12	1.12	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 13, 2019	1.63	1.63	1.63	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 13, 2019	2.17	2.17	2.17	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 13, 2019	0.55	0.55	0.55	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 13, 2019	1.44	1.44	1.44	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 13, 2019	0.20	0.20	0.20	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 13, 2019	0.14	0.14	0.14	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 13, 2019	1.63	1.63	1.63	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 13, 2019	0.96	0.96	0.96	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 13, 2019	0.50	0.50	0.50	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 13, 2019	0.21	0.21	0.21	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 13, 2019	2.00	2.00	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 13, 2019	0.79	0.79	0.79	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 13, 2019	0.60	0.60	0.60	100.0%
18840422	284	228	SHARP	13126500	6	Jul 13, 2019	0.13	0.13	0.13	100.0%
18840422	544	2189	SHARP	13126500	6	Jul 13, 2019	1.00	1.00	1.00	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 13, 2019	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	Jul 13, 2019	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	Jul 13, 2019	2.37	2.37	2.37	100.0%
18840430	141	1365	BECK	13130525	4	Jul 13, 2019	1.00	1.08	1.00	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 13, 2019	0.80	0.80	0.80	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 13, 2019	1.60	1.60	1.60	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 13, 2019	0.40	0.40	0.40	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 13, 2019	0.40	0.40	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 13, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 13, 2019	1.80	1.80	1.80	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 13, 2019	0.02	0.02	0.02	100.0%
18840520	113	585	MOORE	13132050	4	Jul 13, 2019	0.11	0.12	0.11	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 13, 2019	2.24	2.43	2.24	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 13, 2019	0.01	0.01	0.01	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 13, 2019	0.22	0.24	0.22	100.0%
18840520	96	451	MOORE	13132050	4	Jul 13, 2019	0.58	0.63	0.58	100.0%
18840520	14	2002	MOORE	13132050	4	Jul 13, 2019	0.02	0.02	0.02	100.0%

18840520	14	2061	MOORE	13132050	4	Jul 13, 2019	0.04	0.04	0.04	100.0%
18840520	242	210	MOORE	13132050	4	Jul 13, 2019	0.21	0.23	0.21	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 13, 2019	0.50	0.54	0.50	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 13, 2019	0.80	0.87	0.80	100.0%
18840520	433	271	MOORE	13132050	4	Jul 13, 2019	0.54	0.59	0.54	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 13, 2019	2.14	2.32	2.14	100.0%
18840520	219	547	MOORE	13132050	4	Jul 13, 2019	1.15	1.25	1.15	100.0%
18840520	180	470	MOORE	13132050	4	Jul 13, 2019	0.16	0.17	0.16	100.0%
18840520	427	1	MOORE	13132050	4	Jul 13, 2019	1.12	1.21	1.12	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 13, 2019	0.18	0.20	0.18	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 13, 2019	0.78	0.85	0.78	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 13, 2019	0.01	0.01	0.01	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 13, 2019	0.04	0.04	0.04	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 13, 2019	1.60	1.73	1.60	100.0%
18840520	263	394	MOORE	13132050	4	Jul 13, 2019	0.22	0.24	0.22	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 13, 2019	0.38	0.41	0.38	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.80	0.87	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 13, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 13, 2019	0.46	0.46	0.46	100.0%
18840601	96	453	MOORE	13132050	4	Jul 13, 2019	0.21	0.23	0.21	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 13, 2019	1.28	1.39	1.28	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 13, 2019	0.09	0.10	0.09	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 13, 2019	0.01	0.01	0.01	100.0%
18840601	263	395	MOORE	13132050	4	Jul 13, 2019	0.08	0.09	0.08	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 13, 2019	1.20	1.30	1.20	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 13, 2019	0.54	0.59	0.54	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 13, 2019	0.08	0.09	0.08	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 13, 2019	0.16	0.17	0.16	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 13, 2019	0.20	0.20	0.20	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 13, 2019	0.40	0.40	0.40	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 13, 2019	0.73	0.73	0.73	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 13, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 13, 2019	0.27	0.27	0.27	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 13, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 13, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 13, 2019	0.80	0.80	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 13, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 13, 2019	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 13, 2019	1.20	1.30	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jul 13, 2019	0.54	0.59	0.54	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 13, 2019	0.80	0.87	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jul 13, 2019	0.80	0.87	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 13, 2019	1.20	1.30	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 13, 2019	0.80	0.87	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 13, 2019	0.09	0.10	0.09	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 13, 2019	0.40	0.43	0.40	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 13, 2019	0.20	0.22	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 13, 2019	0.58	0.63	0.58	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 13, 2019	1.31	1.42	1.31	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.40	0.43	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.50	0.54	0.50	100.0%
18840831	2431	1799	EASTSIDE FIELD H	13132061	4	Jul 13, 2019	0.13	0.14	0.13	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.44	0.48	0.44	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.40	0.43	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 13, 2019	3.20	3.47	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 13, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 13, 2019	0.40	0.40	0.40	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 13, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jul 13, 2019	1.76	1.91	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Jul 13, 2019	0.58	0.63	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 13, 2019	0.89	0.96	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 13, 2019	1.25	1.35	1.25	100.0%
18841012	70	341	MOORE	13132050	4	Jul 13, 2019	0.31	0.34	0.31	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 13, 2019	2.77	2.77	2.77	100.0%

18841012	317	1485	SWAUGER	13127600	5	Jul 13, 2019	0.81	0.81	0.81	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 13, 2019	2.78	2.78	2.78	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 13, 2019	0.43	0.43	0.43	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 13, 2019	0.74	0.74	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 13, 2019	3.30	3.30	3.30	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 13, 2019	0.63	0.63	0.63	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 13, 2019	2.00	2.00	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 13, 2019	0.24	0.24	0.24	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 13, 2019	0.56	0.56	0.56	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 13, 2019	1.65	1.65	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jul 13, 2019	0.23	0.23	0.23	100.0%
18850501	423	186	ARCO	13132365	2	Jul 13, 2019	0.26	0.28	0.24	92.3%
18850501	423	87	ARCO	13132365	2	Jul 13, 2019	0.20	0.22	0.18	92.3%
18850501	468	59	ARCO	13132365	2	Jul 13, 2019	0.74	0.80	0.68	92.3%
18850501	426	887	ARCO	13132365	2	Jul 13, 2019	0.64	0.69	0.59	92.3%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 13, 2019	1.80	1.95	1.80	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 13, 2019	0.24	0.26	0.24	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jul 13, 2019	2.00	2.17	2.00	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 13, 2019	0.20	0.22	0.20	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 13, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 13, 2019	0.50	0.50	0.50	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	1.40	1.52	1.40	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.20	0.22	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.20	0.22	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jul 13, 2019	0.48	0.52	0.48	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 13, 2019	0.30	0.33	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 13, 2019	0.56	0.61	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 13, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 13, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 13, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 13, 2019	0.01	0.01	0.01	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 13, 2019	0.04	0.05	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 13, 2019	1.56	1.69	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	2.80	3.03	2.80	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 13, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 13, 2019	0.24	0.26	0.24	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 13, 2019	1.20	1.30	1.20	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 13, 2019	1.80	1.80	1.80	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 13, 2019	0.36	0.36	0.36	100.0%
18850601	544	2205	SHARP	13126500	6	Jul 13, 2019	0.80	0.80	0.80	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 13, 2019	0.28	0.28	0.28	100.0%
18851002	437	62	ARCO	13132365	2	Jul 13, 2019	1.54	1.67	1.42	92.3%
18851002	468	61	ARCO	13132365	2	Jul 13, 2019	3.60	3.90	3.32	92.3%
18851002	318	817	MUNSEY	13132375	2	Jul 13, 2019	0.80	0.87	0.74	92.3%
18851002	318	545	MUNSEY	13132375	2	Jul 13, 2019	0.75	0.81	0.69	92.3%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 13, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 13, 2019	1.60	1.73	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jul 13, 2019	1.20	1.30	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 13, 2019	2.80	3.03	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 13, 2019	5.36	5.81	5.36	100.0%
18860512	263	398	MOORE	13132050	4	Jul 13, 2019	0.18	0.20	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 13, 2019	0.01	0.01	0.01	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 13, 2019	0.18	0.20	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jul 13, 2019	0.48	0.52	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	1.77	1.92	1.77	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 13, 2019	2.40	2.60	2.40	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 13, 2019	0.08	0.09	0.08	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 13, 2019	0.20	0.22	0.20	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	1.60	1.73	1.60	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	1.00	1.08	1.00	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 13, 2019	0.45	0.45	0.45	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jul 13, 2019	0.50	0.50	0.50	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.80	0.87	0.80	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.10	0.11	0.10	100.0%

18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	1.00	1.08	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 13, 2019	0.60	0.60	0.60	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 13, 2019	0.52	0.52	0.52	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 13, 2019	0.80	0.80	0.80	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 13, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Jul 13, 2019	0.84	0.91	0.78	92.3%
18860901	605	955	Stoecklein 1	13124173	8	Jul 13, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 13, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 13, 2019	1.26	1.26	1.26	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 13, 2019	3.20	3.47	3.20	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 13, 2019	1.60	1.73	1.60	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 13, 2019	0.80	0.87	0.80	100.0%
18870313	433	683	MOORE	13132050	4	Jul 13, 2019	0.13	0.14	0.13	100.0%
18870313	459	338	MOORE	13132050	4	Jul 13, 2019	0.42	0.46	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jul 13, 2019	0.65	0.70	0.65	100.0%
18870313	70	337	MOORE	13132050	4	Jul 13, 2019	0.23	0.25	0.23	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 13, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 13, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 13, 2019	3.20	3.47	2.95	92.3%
18870601	423	76	ARCO	13132365	2	Jul 13, 2019	0.22	0.24	0.20	92.3%
18870601	423	1028	ARCO	13132365	2	Jul 13, 2019	1.80	1.95	1.66	92.3%
18870601	468	893	ARCO	13132365	2	Jul 13, 2019	1.00	1.08	0.92	92.3%
18870601	90	1199	MUNSEY	13132375	2	Jul 13, 2019	0.50	0.54	0.46	92.3%
18870601	19	892	MUNSEY	13132375	2	Jul 13, 2019	1.40	1.52	1.29	92.3%
18870601	305	1351	3IN1	13130605	4	Jul 13, 2019	1.00	1.08	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 13, 2019	3.20	3.47	3.20	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 13, 2019	0.75	0.75	0.75	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 13, 2019	0.16	0.16	0.16	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 13, 2019	0.25	0.25	0.25	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 13, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 13, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 13, 2019	0.80	0.80	0.80	100.0%
18870630	236	1428	BECK	13130525	4	Jul 13, 2019	0.36	0.39	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 13, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jul 13, 2019	0.42	0.46	0.39	92.3%
18870801	623	2203	BURNETT	13127750	5	Jul 13, 2019	0.33	0.33	0.33	100.0%
18870801	119	1166	BURNETT	13127750	5	Jul 13, 2019	0.27	0.27	0.27	100.0%
18870831	119	1154	BURNETT	13127750	5	Jul 13, 2019	0.20	0.20	0.20	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 13, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 13, 2019	0.49	0.49	0.49	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 13, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 13, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jul 13, 2019	0.33	0.36	0.30	92.3%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.70	0.76	0.70	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 13, 2019	0.76	0.76	0.76	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 13, 2019	0.34	0.34	0.34	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 13, 2019	0.50	0.50	0.50	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 13, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 13, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 13, 2019	0.40	0.43	0.37	92.3%
18880801	279	2125	Anderson	13120745	9	Jul 13, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 13, 2019	0.73	0.73	0.73	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 13, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 13, 2019	0.30	0.30	0.30	100.0%
18881101	59	2222	KENT	13120605	9	Jul 13, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 13, 2019	0.77	0.77	0.77	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 13, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 13, 2019	0.83	0.83	0.83	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 13, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 13, 2019	1.12	1.22	1.12	100.0%
18890601	441	205	MOORE	13132050	4	Jul 13, 2019	0.97	1.05	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 13, 2019	0.50	0.54	0.50	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 13, 2019	0.34	0.37	0.34	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 13, 2019	0.80	0.80	0.80	100.0%

18890601	475	969	BURNETT	13127750	5	Jul 13, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 13, 2019	0.70	0.70	0.70	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 13, 2019	2.70	2.70	2.70	100.0%
18900601	426	756	ARCO	13132365	2	Jul 13, 2019	0.57	0.62	0.53	92.3%
18900601	372	886	ARCO	13132365	2	Jul 13, 2019	0.59	0.64	0.54	92.3%
18900601	48	1023	MUNSEY	13132375	2	Jul 13, 2019	3.60	3.90	3.32	92.3%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 13, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 13, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 13, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 13, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 13, 2019	1.76	1.76	1.76	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 13, 2019	0.60	0.65	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 13, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 13, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 13, 2019	0.20	0.22	0.20	100.0%
18920101	2615	1643	MOORE	13132050	4	Jul 13, 2019	1.16	1.26	1.16	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jul 13, 2019	0.80	0.87	0.80	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 13, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 13, 2019	1.45	1.45	1.45	100.0%
18930201	414	1865	MOORE	13132050	4	Jul 13, 2019	0.30	0.33	0.30	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 13, 2019	0.30	0.33	0.30	100.0%
18930201	158	538	MOORE	13132050	4	Jul 13, 2019	0.03	0.03	0.03	100.0%
18930201	417	380	MOORE	13132050	4	Jul 13, 2019	0.22	0.24	0.22	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 13, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	Jul 13, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	KENT	13120605	9	Jul 13, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 13, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 13, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 13, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 13, 2019	0.58	0.58	0.58	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 13, 2019	0.40	0.40	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 13, 2019	2.80	2.80	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 13, 2019	0.96	0.96	0.96	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 13, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 13, 2019	2.98	2.98	2.98	100.0%
18940531	5	776	MOORE	13132050	4	Jul 13, 2019	0.20	0.22	0.20	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 13, 2019	3.20	3.47	2.95	92.3%
18940601	417	379	MOORE	13132050	4	Jul 13, 2019	0.15	0.16	0.15	100.0%
18940601	158	536	MOORE	13132050	4	Jul 13, 2019	0.02	0.02	0.02	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 13, 2019	0.11	0.11	0.11	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 13, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jul 13, 2019	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 13, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 13, 2019	3.20	3.20	3.20	100.0%
18950601	242	212	MOORE	13132050	4	Jul 13, 2019	0.11	0.12	0.11	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 13, 2019	0.80	0.87	0.80	100.0%
18950601	158	534	MOORE	13132050	4	Jul 13, 2019	0.01	0.01	0.01	100.0%
18950601	417	378	MOORE	13132050	4	Jul 13, 2019	0.10	0.11	0.10	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.40	0.43	0.40	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.72	0.78	0.72	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 13, 2019	0.30	0.30	0.30	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 13, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 13, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jul 13, 2019	1.74	1.89	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 13, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jul 13, 2019	0.25	0.27	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jul 13, 2019	0.25	0.27	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 13, 2019	3.20	3.20	3.20	100.0%
18960601	417	381	MOORE	13132050	4	Jul 13, 2019	2.40	2.60	2.40	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 13, 2019	0.60	0.65	0.60	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 13, 2019	0.02	0.02	0.02	100.0%
18960601	417	992	MOORE	13132050	4	Jul 13, 2019	1.20	1.30	1.20	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 13, 2019	0.03	0.03	0.03	100.0%
18960601	96	461	MOORE	13132050	4	Jul 13, 2019	0.03	0.03	0.03	100.0%

18960601	96	457	MOORE	13132050	4	Jul 13, 2019	0.92	1.00	0.92	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 13, 2019	1.56	1.69	1.56	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 13, 2019	0.40	0.43	0.40	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 13, 2019	0.48	0.52	0.48	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 13, 2019	0.23	0.25	0.23	100.0%
18960601	459	993	MOORE	13132050	4	Jul 13, 2019	0.40	0.43	0.40	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 13, 2019	0.40	0.43	0.40	100.0%
18960601	406	65	MOORE	13132050	4	Jul 13, 2019	0.30	0.33	0.30	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 13, 2019	2.12	2.30	2.12	100.0%
18960601	441	207	MOORE	13132050	4	Jul 13, 2019	0.99	1.07	0.99	100.0%
18960601	158	540	MOORE	13132050	4	Jul 13, 2019	0.32	0.35	0.32	100.0%
18960601	263	399	MOORE	13132050	4	Jul 13, 2019	0.27	0.29	0.27	100.0%
18960601	402	876	MOORE	13132050	4	Jul 13, 2019	0.07	0.07	0.07	100.0%
18960601	309	877	MOORE	13132050	4	Jul 13, 2019	0.07	0.07	0.07	100.0%
18960601	263	397	MOORE	13132050	4	Jul 13, 2019	0.35	0.38	0.35	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 13, 2019	0.44	0.48	0.44	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 13, 2019	0.70	0.76	0.70	100.0%
18960601	668	1562	LOWER EASTSIDE &	13132291	4	Jul 13, 2019	0.36	0.39	0.36	100.0%
18960601	2431	1831	EASTSIDE FIELD H	13132061	4	Jul 13, 2019	0.85	0.92	0.85	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jul 13, 2019	0.80	0.87	0.80	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 13, 2019	0.41	0.44	0.41	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.04	0.04	0.04	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 13, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 13, 2019	2.00	2.17	1.54	77.1%
18960801	544	2206	SHARP	13126500	6	Jul 13, 2019	0.20	0.20	0.20	100.0%
18960901	437	671	ARCO	13132365	2	Jul 13, 2019	0.13	0.14	0.13	100.0%
18960928	90	46	MUNSEY	13132375	2	Jul 13, 2019	1.00	1.08	1.00	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 13, 2019	0.03	0.03	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 13, 2019	1.97	2.13	1.97	100.0%
18960928	319	1175	MUNSEY	13132375	2	Jul 13, 2019	0.07	0.07	0.07	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 13, 2019	4.40	4.77	4.40	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 13, 2019	0.55	0.55	0.55	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 13, 2019	4.00	4.00	4.00	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 13, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jul 13, 2019	0.16	0.17	0.16	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 13, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jul 13, 2019	0.22	0.24	0.22	100.0%
18970615	306	1697	MOORE	13132050	4	Jul 13, 2019	0.02	0.02	0.02	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 13, 2019	0.13	0.14	0.13	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jul 13, 2019	0.24	0.26	0.24	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 13, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jul 13, 2019	1.24	1.24	1.24	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.65	0.70	0.65	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.65	0.70	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jul 13, 2019	1.20	1.20	1.20	100.0%
18980901	268	562	ARCO	13132365	2	Jul 13, 2019	1.57	1.70	1.57	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	1.00	1.08	1.00	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 13, 2019	0.21	0.23	0.21	100.0%
18990327	219	549	MOORE	13132050	4	Jul 13, 2019	0.27	0.29	0.27	100.0%
18990327	180	468	MOORE	13132050	4	Jul 13, 2019	0.05	0.05	0.05	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 13, 2019	0.53	0.57	0.53	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 13, 2019	0.01	0.01	0.01	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 13, 2019	0.60	0.65	0.60	100.0%
18990327	113	584	MOORE	13132050	4	Jul 13, 2019	0.03	0.03	0.03	100.0%
18990327	14	2062	MOORE	13132050	4	Jul 13, 2019	0.01	0.01	0.01	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jul 13, 2019	2.80	3.03	2.80	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 13, 2019	0.03	0.03	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 13, 2019	0.03	0.03	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 13, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 13, 2019	0.60	0.60	0.60	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jul 13, 2019	0.80	0.87	0.80	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 13, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 13, 2019	0.52	0.52	0.52	100.0%

18991001	682	2180	NEILSEN	13120805	9	Jul 13, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 13, 2019	0.46	0.46	0.46	100.0%
19000924	318	543	MUNSEY	13132375	2	Jul 13, 2019	1.04	1.13	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 13, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.20	0.22	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jul 13, 2019	0.15	0.16	0.15	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jul 13, 2019	0.30	0.30	0.30	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 13, 2019	3.20	3.20	3.20	100.0%
19010901	319	1512	MUNSEY	13132375	2	Jul 13, 2019	0.43	0.47	0.43	100.0%
19010901	70	339	MOORE	13132050	4	Jul 13, 2019	0.12	0.13	0.12	100.0%
19010901	459	340	MOORE	13132050	4	Jul 13, 2019	0.23	0.25	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jul 13, 2019	0.35	0.38	0.35	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 13, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jul 13, 2019	0.12	0.13	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jul 13, 2019	1.31	1.42	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 13, 2019	2.60	2.60	2.60	100.0%
19020115	442	2143	MUNSEY	13132375	2	Jul 13, 2019	3.20	3.47	3.20	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.20	0.22	0.20	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.20	0.22	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 13, 2019	0.31	0.33	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.44	0.48	0.44	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 13, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 13, 2019	0.90	0.90	0.90	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 13, 2019	3.25	3.25	3.25	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 13, 2019	3.40	3.40	3.40	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 13, 2019	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 13, 2019	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 13, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 13, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 13, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 13, 2019	2.70	2.93	2.70	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 13, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 13, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 13, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jul 13, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 13, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 13, 2019	1.22	1.22	1.22	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 13, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 13, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 13, 2019	0.24	0.24	0.24	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jul 13, 2019	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 13, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jul 13, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 13, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 13, 2019	1.56	1.69	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jul 13, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jul 13, 2019	0.38	0.38	0.38	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 13, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jul 13, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 13, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 13, 2019	0.02	0.02	0.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 13, 2019	0.13	0.13	0.13	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 13, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	KENT	13120605	9	Jul 13, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	KENT	13120605	9	Jul 13, 2019	0.02	0.02	0.02	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jul 13, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jul 13, 2019	0.62	0.62	0.62	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 13, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	BITTON	13120735	9	Jul 13, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 13, 2019	0.44	0.44	0.44	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 13, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 13, 2019	0.31	0.31	0.31	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 13, 2019	0.10	0.10	0.10	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 13, 2019	0.82	0.82	0.82	100.0%

19050501	130	74	NEILSEN	13120805	9	Jul 13, 2019	1.30	1.30	1.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 13, 2019	1.52	1.52	1.52	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 13, 2019	0.65	0.65	0.65	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 13, 2019	0.12	0.12	0.12	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jul 13, 2019	0.27	0.27	0.27	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 13, 2019	0.50	0.50	0.50	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 13, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 13, 2019	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 13, 2019	0.58	0.58	0.58	100.0%
19050501	364	690	CHILLY	13121105	9	Jul 13, 2019	1.10	1.10	1.10	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 13, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 13, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 13, 2019	1.78	1.78	1.78	100.0%
19060501	185	392	3IN1	13130605	4	Jul 13, 2019	0.19	0.21	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	Jul 13, 2019	0.50	0.50	0.50	100.0%
19061001	2431	1855	EASTSIDE FIELD H	13132061	4	Jul 13, 2019	0.16	0.17	0.16	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 13, 2019	0.42	0.42	0.42	99.5%
19070711	2610	2094	KENT	13120605	9	Jul 13, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	KENT	13120605	9	Jul 13, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	Jul 13, 2019	0.03	0.03	0.03	100.0%
19070711	59	786	BITTON	13120735	9	Jul 13, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	BITTON	13120735	9	Jul 13, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	BITTON	13120735	9	Jul 13, 2019	0.53	0.53	0.53	100.0%
19080715	364	692	CHILLY	13121105	9	Jul 13, 2019	0.50	0.50	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jul 13, 2019	0.17	0.18	0.17	100.0%
19081207	459	1080	MOORE	13132050	4	Jul 13, 2019	0.50	0.54	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jul 13, 2019	0.33	0.36	0.33	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 13, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 13, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 13, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 13, 2019	0.78	0.78	0.78	100.0%
19110517	442	2159	MUNSEY	13132375	2	Jul 13, 2019	0.90	0.98	0.90	100.0%
19120227	364	954	CHILLY	13121105	9	Jul 13, 2019	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 13, 2019	0.50	0.50	0.50	100.0%
19120415	442	2160	MUNSEY	13132375	2	Jul 13, 2019	0.90	0.98	0.90	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 13, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 13, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 13, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 13, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jul 13, 2019	2.40	2.40	2.40	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 13, 2019	1.70	1.70	1.70	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.02	0.02	0.02	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jul 13, 2019	0.13	0.14	0.13	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 13, 2019	1.39	1.39	1.39	100.0%
19140103	2610	2092	KENT	13120605	9	Jul 13, 2019	0.77	0.77	0.77	100.0%
19140103	59	2233	KENT	13120605	9	Jul 13, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	KENT	13120605	9	Jul 13, 2019	0.04	0.04	0.04	100.0%
19140103	2610	2092	BITTON	13120735	9	Jul 13, 2019	0.77	0.77	0.77	100.0%
19140103	59	1361	BITTON	13120735	9	Jul 13, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 13, 2019	0.69	0.69	0.69	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 13, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 13, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 13, 2019	0.02	0.02	0.02	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 13, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 13, 2019	0.11	0.11	0.11	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Jul 13, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 13, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Jul 13, 2019	2.35	2.35	2.35	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 13, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 13, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 13, 2019	0.88	0.88	0.88	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jul 13, 2019	0.32	0.32	0.32	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 13, 2019	1.00	1.00	1.00	100.0%
19170503	364	630	CHILLY	13121105	9	Jul 13, 2019	0.40	0.40	0.40	100.0%

19170620	307	71	NEILSEN	13120805	9	Jul 13, 2019	4.26	4.26	4.26	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 13, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jul 13, 2019	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	Jul 13, 2019	0.01	0.01	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	Jul 13, 2019	0.79	0.86	0.79	100.0%
19240806	417	695	MOORE	13132050	4	Jul 13, 2019	0.50	0.54	0.50	100.0%
19540821	2526	717	MUNSEY	13132375	2	Jul 13, 2019	1.20	1.30	1.20	100.0%
19600501	90	175	MOORE	13132050	4	Jul 13, 2019	0.44	0.48	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jul 13, 2019	0.11	0.12	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jul 13, 2019	4.90	5.31	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jul 13, 2019	0.02	0.02	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jul 13, 2019	4.40	4.77	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 13, 2019	16.00	17.34	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jul 13, 2019	1.00	1.08	1.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jul 13, 2019	0.82	0.89	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jul 13, 2019	8.06	8.73	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jul 13, 2019	50.54	54.76	50.54	100.0%
19950411	476	1273	ARCO	13132365	2	Jul 13, 2019	7.28	7.89	7.28	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jul 13, 2019	6.26	6.78	6.26	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jul 13, 2019	8.98	8.98	8.98	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jul 13, 2019	27.90	27.90	27.90	100.0%
19950411	476	1273	BURNETT	13127750	5	Jul 13, 2019	39.08	39.08	39.08	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jul 13, 2019	16.00	16.00	16.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jul 13, 2019	2.64	2.64	2.64	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jul 13, 2019	9969.40	9969.40	164.82	1.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 14, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		Jul 14	703.0	3.0	0.0	706.0	0.00	706.0	3.0	0.0	0.0	703.0	0.0	0.0
9	Howell to Chilly		Jul 14	481.0	128.1	0.0	-93.9	0.13	612.1	122.4	5.7	0.0	486.7	-5.7	0.0
8	Chilly to Reservoir	*	Jul 14	574.8	58.7	0.0	152.4	0.00	764.6	55.8	2.9	0.0	583.4	-8.6	0.0
	Connected														
7	Mackay Reservoir	*	Jul 14	572.0	0.0	0.0	0.0	0.00	792.7	154.2		0.0	429.2	142.8	0.0
6	Reservoir to 2B		Jul 14	563.0	9.0	0.0	0.0	0.00	764.6	8.9	0.1	0.0	420.3	142.7	0.0
5	2B to Leslie		Jul 14	420.0	171.1	0.0	28.1	0.00	792.7	162.9	8.2	0.0	285.5	134.5	0.0
4	Leslie to Moore		Jul 14	88.9	287.5	0.0	-43.6	0.10	792.7	195.0	92.5	0.0	60.8	28.0	0.0
2	Moore to blw Munsey		Jul 14	9.0	104.0	0.0	24.1	0.00	816.8	85.0	19.0	0.0	0.0	9.0	0.0
1	Blw Munsey to Arco		Jul 14	17.4	0.0	0.0	8.4	0.00	825.2	0.0	0.0	0.0	8.4	9.0	0.0
								TOTAL		787.1	128.4	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 14	0.0	0.0		20180101	1%
9	Howell to Chilly	Jul 14	0.0	0.0		20180101	1%
8	Chilly to Reservoir	Jul 14	0.0	0.0		20180101	1%
	Connected						
7	Mackay Reservoir	Jul 14	0.0	0.0		20180101	1%
6	Reservoir to 2B	Jul 14	0.0	0.0		20180101	1%
5	2B to Leslie	Jul 14	0.0	0.0		20180101	1%
4	Leslie to Moore	Jul 14	29.6	14.0		20180101	1%
2	Moore to blw Munsey	Jul 14	0.0	0.0		20180101	1%
1	Blw Munsey to Arco	Jul 14	0.0	0.0		20180101	1%
	TOTAL		29.6	14.0	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	476.0
2	18810630	1.7	294.0	252.9
3	18880601	3.2	556.5	476.0
4	18960601	6.4	1113.0	952.1
5	19020301	0.8	140.0	119.0
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	71162.9
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	117290.0

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44440.0	44420.0	-20.0	-10.1	12.8

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	73439.0
Total Storage Loss	-39733.4
Total Storage Deliver	-16930.2
Total Evaporation	-1225.8
Accounting Balance	44419.6
Current Res Content	44420.0
Storage Balance Error	-0.4

DAILY STORAGE BALANCE

44440.0	Reservoir Content Previous Day [ac-ft]
44420.0	Reservoir Content Current Day [ac-ft]
-20.0	Physical Change in Storage [ac-ft]
305.8	Storage Allocated to Mackay Reservoir [ac-ft]
-45.6	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-14.0	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-9.0	Past Arco Gage [cfs]
-254.7	Storage Delivered [ac-ft]
8.6	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
8.2	2B to Leslie [cfs]
92.5	Leslie to Moore [cfs]
19.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-25.5	Evaporation [ac-ft]
-20.0	Accounting Change in Storage [ac-ft]
0.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

574.8	Gain in/above Mackay Reservoir [cfs]
28.1	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
24.1	Gain in Reach 2: Moore to Munsey [cfs]
8.4	Gain in Reach 1: Munsey to Arco [cfs]
635.4	Total Available Natural Flow [cfs]
154.2	Reservoir Rights Diverted [cfs]
38.0	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
29.6	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
8.4	Natural Flow Past Arco Gage [cfs]
443.2	Natural Flow Delivered [cfs]
-8.6	Above Reservoir Storage Use [cfs]
8.9	Reservoir to 2B [cfs]
162.9	2B to Leslie [cfs]
195.0	Leslie to Moore [cfs]
85.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
635.4	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	12.1	605
Eastside Felton Wier +	81.3	4065
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	93.4	4670
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.7	84
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	5.6	280
Eastside R Reynolds Delivery +	2.7	135
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	98.4	4920
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	2.0	100
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	4.4	218
Island Wanstrom David +	0.0	0
Eastside OUT	59.5	2975
Total Out	176.2	8810

Abbreviated Reach Delivery Factor 1.89
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 308.1%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 59.5 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 19.3 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 94.3%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 20.5 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 99.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 249.3%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 290.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 14, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.2	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	6.3	0.0	0.4	8	No Tellum 3	3.2	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	6.9	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	9.0	0.1	19.2
9	BITTON	6.3	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	4.6	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	28.0	3.2	348.6
9	Thalman Hunter D	4.6	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	51.6	1.0	754.6
9	NEILSEN	50.3	5.7	527.8	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	75.5	4.0	1423.0
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	16.0	0.0	0.0
9	CHILLY	47.0	0.0	0.0	8	Broken River Pum	0.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	2.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	16.0	11.0	731.2
8	Mtn. Springs 3	2.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	4.0	4.0	458.2
8	Donahue 1	0.8	0.7	113.6	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	9.4
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	261.8
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	10.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	150.0	14.7	2934.4
8	Mtn. Springs 1	2.5	2.0	511.6	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	99.5	62.5	8100.3
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	34.0	10.0	1055.3
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	70.0	12.4	447.2
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	7.6	0.1	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	0.0	464.1	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 14, 2019	3.53	3.53	3.53	100.0%
18750601	483	12	LONGHURST	13121505	9	Jul 14, 2019	1.67	1.67	1.67	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 14, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 14, 2019	0.59	0.59	0.59	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 14, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 14, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 14, 2019	0.84	0.84	0.84	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 14, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 14, 2019	1.60	1.60	1.60	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 14, 2019	1.60	1.60	1.60	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 14, 2019	1.20	1.20	1.20	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 14, 2019	0.79	0.88	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 14, 2019	1.54	1.72	1.54	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 14, 2019	0.27	0.30	0.27	100.0%
18830601	221	855	MOORE	13132050	4	Jul 14, 2019	1.60	1.79	1.60	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 14, 2019	1.72	1.92	1.72	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 14, 2019	1.13	1.26	1.13	100.0%
18830810	263	393	MOORE	13132050	4	Jul 14, 2019	0.18	0.20	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 14, 2019	0.01	0.01	0.01	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 14, 2019	0.18	0.20	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jul 14, 2019	0.48	0.54	0.48	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.43	0.48	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.21	0.24	0.21	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.21	0.24	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 14, 2019	1.64	1.83	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 14, 2019	0.14	0.16	0.14	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 14, 2019	1.12	1.12	1.12	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 14, 2019	1.63	1.63	1.63	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 14, 2019	0.07	0.07	0.07	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 14, 2019	0.96	0.96	0.96	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 14, 2019	0.55	0.55	0.55	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 14, 2019	2.17	2.17	2.17	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 14, 2019	1.63	1.63	1.63	100.0%
18840422	294	1421	DARLINGTON	13127735	5	Jul 14, 2019	0.03	0.03	0.03	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 14, 2019	0.14	0.14	0.14	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 14, 2019	0.20	0.20	0.20	100.0%
18840422	684	1419	DARLINGTON	13127735	5	Jul 14, 2019	0.01	0.01	0.01	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 14, 2019	1.44	1.44	1.44	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 14, 2019	0.50	0.50	0.50	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 14, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 14, 2019	0.21	0.21	0.21	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 14, 2019	2.00	2.00	2.00	100.0%
18840422	24	120	SHARP	13126500	6	Jul 14, 2019	0.08	0.08	0.08	100.0%
18840422	544	2189	SHARP	13126500	6	Jul 14, 2019	1.00	1.00	1.00	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 14, 2019	0.56	0.56	0.56	100.0%
18840422	284	228	SHARP	13126500	6	Jul 14, 2019	0.13	0.13	0.13	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 14, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Jul 14, 2019	2.37	2.37	2.37	100.0%
18840430	141	1365	BECK	13130525	4	Jul 14, 2019	1.00	1.12	1.00	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 14, 2019	0.77	0.77	0.77	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 14, 2019	0.80	0.80	0.80	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 14, 2019	1.60	1.60	1.60	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 14, 2019	0.40	0.40	0.40	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 14, 2019	1.23	1.23	1.23	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 14, 2019	0.40	0.40	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 14, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 14, 2019	1.80	1.80	1.80	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 14, 2019	0.01	0.01	0.01	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 14, 2019	0.38	0.42	0.38	100.0%

18840520	96	451	MOORE	13132050	4	Jul 14, 2019	0.58	0.65	0.58	100.0%
18840520	113	585	MOORE	13132050	4	Jul 14, 2019	0.11	0.12	0.11	100.0%
18840520	433	271	MOORE	13132050	4	Jul 14, 2019	0.54	0.60	0.54	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 14, 2019	2.14	2.39	2.14	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 14, 2019	0.50	0.56	0.50	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 14, 2019	0.80	0.89	0.80	100.0%
18840520	427	1	MOORE	13132050	4	Jul 14, 2019	1.12	1.25	1.12	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 14, 2019	1.60	1.79	1.60	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 14, 2019	0.01	0.01	0.01	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 14, 2019	0.78	0.87	0.78	100.0%
18840520	180	470	MOORE	13132050	4	Jul 14, 2019	0.16	0.18	0.16	100.0%
18840520	242	210	MOORE	13132050	4	Jul 14, 2019	0.21	0.23	0.21	100.0%
18840520	219	547	MOORE	13132050	4	Jul 14, 2019	1.15	1.28	1.15	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 14, 2019	2.24	2.50	2.24	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 14, 2019	0.04	0.04	0.04	100.0%
18840520	263	394	MOORE	13132050	4	Jul 14, 2019	0.22	0.25	0.22	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 14, 2019	0.18	0.20	0.18	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 14, 2019	0.02	0.02	0.02	100.0%
18840520	14	2002	MOORE	13132050	4	Jul 14, 2019	0.02	0.02	0.02	100.0%
18840520	14	2061	MOORE	13132050	4	Jul 14, 2019	0.04	0.04	0.04	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 14, 2019	0.22	0.25	0.22	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.80	0.89	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 14, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 14, 2019	0.46	0.46	0.46	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 14, 2019	0.01	0.01	0.01	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 14, 2019	1.28	1.43	1.28	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 14, 2019	0.08	0.09	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Jul 14, 2019	0.21	0.23	0.21	100.0%
18840601	263	395	MOORE	13132050	4	Jul 14, 2019	0.08	0.09	0.08	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 14, 2019	1.20	1.34	1.20	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 14, 2019	0.09	0.10	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 14, 2019	0.54	0.60	0.54	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 14, 2019	0.16	0.18	0.16	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 14, 2019	0.73	0.73	0.73	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 14, 2019	0.80	0.80	0.80	100.0%
18840601	73	2027	BURNETT	13127750	5	Jul 14, 2019	0.23	0.23	0.23	100.0%
18840601	73	2026	BURNETT	13127750	5	Jul 14, 2019	0.37	0.37	0.37	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 14, 2019	0.40	0.40	0.40	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 14, 2019	0.27	0.27	0.27	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 14, 2019	0.20	0.20	0.20	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 14, 2019	0.20	0.20	0.20	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 14, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 14, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 14, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 14, 2019	0.80	0.80	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 14, 2019	0.80	0.89	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 14, 2019	0.80	0.89	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 14, 2019	0.54	0.60	0.54	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 14, 2019	1.20	1.34	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jul 14, 2019	0.80	0.89	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 14, 2019	1.20	1.34	1.20	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 14, 2019	0.09	0.10	0.09	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 14, 2019	0.40	0.45	0.40	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 14, 2019	0.58	0.65	0.58	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 14, 2019	0.20	0.22	0.20	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.44	0.49	0.44	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.50	0.56	0.50	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.40	0.45	0.40	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.40	0.45	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 14, 2019	1.31	1.46	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 14, 2019	3.20	3.57	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 14, 2019	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 14, 2019	0.40	0.40	0.40	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 14, 2019	0.40	0.40	0.40	100.0%

18841012	205	2067	BECK	13130525	4	Jul 14, 2019	1.76	1.96	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 14, 2019	0.89	0.99	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 14, 2019	1.25	1.39	1.25	100.0%
18841012	70	341	MOORE	13132050	4	Jul 14, 2019	0.31	0.35	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Jul 14, 2019	0.58	0.65	0.58	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 14, 2019	3.30	3.30	3.30	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 14, 2019	0.43	0.43	0.43	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 14, 2019	0.74	0.74	0.74	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 14, 2019	0.81	0.81	0.81	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 14, 2019	2.78	2.78	2.78	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 14, 2019	2.77	2.77	2.77	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 14, 2019	0.63	0.63	0.63	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 14, 2019	0.24	0.24	0.24	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 14, 2019	0.56	0.56	0.56	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 14, 2019	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 14, 2019	1.65	1.65	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jul 14, 2019	0.23	0.23	0.23	100.0%
18850501	468	59	ARCO	13132365	2	Jul 14, 2019	0.74	0.83	0.66	89.6%
18850501	426	887	ARCO	13132365	2	Jul 14, 2019	0.64	0.71	0.57	89.6%
18850501	423	87	ARCO	13132365	2	Jul 14, 2019	0.20	0.22	0.18	89.6%
18850501	423	186	ARCO	13132365	2	Jul 14, 2019	0.26	0.29	0.23	89.6%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 14, 2019	1.80	2.01	1.80	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jul 14, 2019	2.00	2.23	2.00	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 14, 2019	0.20	0.22	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 14, 2019	0.24	0.27	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 14, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 14, 2019	0.50	0.50	0.50	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	1.40	1.56	1.40	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.20	0.22	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.20	0.22	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 14, 2019	0.30	0.33	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jul 14, 2019	0.48	0.54	0.48	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 14, 2019	0.56	0.62	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 14, 2019	1.37	1.37	1.37	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 14, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 14, 2019	0.11	0.11	0.11	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 14, 2019	0.19	0.19	0.19	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 14, 2019	1.56	1.74	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 14, 2019	0.04	0.05	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	2.80	3.12	2.80	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 14, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 14, 2019	0.24	0.27	0.24	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 14, 2019	1.20	1.34	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 14, 2019	0.36	0.36	0.36	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 14, 2019	1.80	1.80	1.80	100.0%
18850601	544	2205	SHARP	13126500	6	Jul 14, 2019	0.80	0.80	0.80	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 14, 2019	0.28	0.28	0.28	100.0%
18851002	437	62	ARCO	13132365	2	Jul 14, 2019	1.54	1.72	1.38	89.6%
18851002	468	61	ARCO	13132365	2	Jul 14, 2019	3.60	4.02	3.23	89.6%
18851002	318	545	MUNSEY	13132375	2	Jul 14, 2019	0.75	0.84	0.67	89.6%
18851002	318	817	MUNSEY	13132375	2	Jul 14, 2019	0.80	0.89	0.72	89.6%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 14, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 14, 2019	1.60	1.79	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jul 14, 2019	1.20	1.34	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 14, 2019	2.80	3.12	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 14, 2019	5.36	5.98	5.36	100.0%
18860512	263	398	MOORE	13132050	4	Jul 14, 2019	0.18	0.20	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 14, 2019	0.18	0.20	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jul 14, 2019	0.48	0.54	0.48	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 14, 2019	0.01	0.01	0.01	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	1.77	1.98	1.77	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 14, 2019	2.40	2.68	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 14, 2019	0.20	0.22	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 14, 2019	0.08	0.09	0.08	100.0%

18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	1.00	1.12	1.00	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	1.60	1.79	1.60	100.0%
18860601	622	1517	BURNETT	13127750	5	Jul 14, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 14, 2019	0.45	0.45	0.45	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jul 14, 2019	0.50	0.50	0.50	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	1.00	1.12	1.00	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.10	0.11	0.10	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.80	0.89	0.80	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 14, 2019	0.60	0.60	0.60	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 14, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 14, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 14, 2019	0.52	0.52	0.52	100.0%
18860901	180	2	MUNSEY	13132375	2	Jul 14, 2019	0.84	0.94	0.75	89.6%
18860901	605	955	Stoecklein 1	13124173	8	Jul 14, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 14, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 14, 2019	0.34	0.34	0.34	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 14, 2019	1.60	1.79	1.60	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 14, 2019	3.20	3.57	3.20	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 14, 2019	0.80	0.89	0.80	100.0%
18870313	459	682	MOORE	13132050	4	Jul 14, 2019	0.65	0.73	0.65	100.0%
18870313	433	683	MOORE	13132050	4	Jul 14, 2019	0.13	0.15	0.13	100.0%
18870313	459	338	MOORE	13132050	4	Jul 14, 2019	0.42	0.47	0.42	100.0%
18870313	70	337	MOORE	13132050	4	Jul 14, 2019	0.23	0.26	0.23	100.0%
18870313	73	2028	BURNETT	13127750	5	Jul 14, 2019	0.60	0.60	0.60	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 14, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 14, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 14, 2019	3.20	3.57	2.87	89.6%
18870601	423	1028	ARCO	13132365	2	Jul 14, 2019	1.80	2.01	1.61	89.6%
18870601	468	893	ARCO	13132365	2	Jul 14, 2019	1.00	1.12	0.90	89.6%
18870601	423	76	ARCO	13132365	2	Jul 14, 2019	0.22	0.25	0.20	89.6%
18870601	90	1199	MUNSEY	13132375	2	Jul 14, 2019	0.50	0.56	0.45	89.6%
18870601	19	892	MUNSEY	13132375	2	Jul 14, 2019	1.20	1.34	1.08	89.6%
18870601	305	1351	3IN1	13130605	4	Jul 14, 2019	1.00	1.12	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 14, 2019	3.20	3.57	3.20	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 14, 2019	0.16	0.16	0.16	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 14, 2019	0.75	0.75	0.75	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 14, 2019	0.25	0.25	0.25	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 14, 2019	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 14, 2019	0.80	0.80	0.80	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 14, 2019	0.80	0.80	0.80	100.0%
18870601	483	1270	CHILLY	13121105	9	Jul 14, 2019	0.71	0.71	0.71	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jul 14, 2019	0.33	0.33	0.33	100.0%
18870630	236	1428	BECK	13130525	4	Jul 14, 2019	0.36	0.40	0.36	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 14, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jul 14, 2019	0.42	0.47	0.38	89.6%
18870801	119	1166	BURNETT	13127750	5	Jul 14, 2019	0.07	0.07	0.07	100.0%
18870801	623	2203	BURNETT	13127750	5	Jul 14, 2019	0.33	0.33	0.33	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 14, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 14, 2019	0.49	0.49	0.49	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 14, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 14, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jul 14, 2019	0.28	0.31	0.25	89.6%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.70	0.78	0.70	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 14, 2019	0.76	0.76	0.76	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 14, 2019	0.34	0.34	0.34	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 14, 2019	0.50	0.50	0.50	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 14, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 14, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 14, 2019	0.40	0.45	0.36	89.6%
18880801	279	2125	Anderson	13120745	9	Jul 14, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 14, 2019	0.73	0.73	0.73	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 14, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 14, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	KENT	13120605	9	Jul 14, 2019	0.83	0.83	0.83	100.0%

18881101	2610	2095	KENT	13120605	9	Jul 14, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 14, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 14, 2019	0.77	0.77	0.77	100.0%
18890410	294	1027	DARLINGTON	13127735	5	Jul 14, 2019	0.30	0.30	0.30	100.0%
18890410	684	1025	DARLINGTON	13127735	5	Jul 14, 2019	0.08	0.08	0.08	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 14, 2019	0.76	0.76	0.76	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 14, 2019	1.12	1.25	1.12	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 14, 2019	0.34	0.38	0.34	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 14, 2019	0.50	0.56	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jul 14, 2019	0.97	1.08	0.97	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 14, 2019	2.70	2.70	2.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 14, 2019	1.20	1.20	1.20	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 14, 2019	0.80	0.80	0.80	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 14, 2019	0.70	0.70	0.70	100.0%
18900601	372	886	ARCO	13132365	2	Jul 14, 2019	0.59	0.66	0.53	89.6%
18900601	426	756	ARCO	13132365	2	Jul 14, 2019	0.57	0.64	0.51	89.6%
18900601	48	1023	MUNSEY	13132375	2	Jul 14, 2019	3.60	4.02	3.23	89.6%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 14, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 14, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 14, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 14, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 14, 2019	1.76	1.76	1.76	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 14, 2019	0.60	0.67	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 14, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 14, 2019	5.20	5.20	5.20	100.0%
18920101	2615	1643	MOORE	13132050	4	Jul 14, 2019	1.16	1.29	1.16	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 14, 2019	0.20	0.22	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jul 14, 2019	0.80	0.89	0.80	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 14, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 14, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jul 14, 2019	0.22	0.25	0.22	100.0%
18930201	158	538	MOORE	13132050	4	Jul 14, 2019	0.03	0.03	0.03	100.0%
18930201	414	1865	MOORE	13132050	4	Jul 14, 2019	0.30	0.33	0.30	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 14, 2019	0.30	0.33	0.30	100.0%
18930323	77	688	MOORE	13132050	4	Jul 14, 2019	1.50	1.67	1.50	100.0%
18930323	77	366	MOORE	13132050	4	Jul 14, 2019	1.60	1.79	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 14, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 14, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	KENT	13120605	9	Jul 14, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	KENT	13120605	9	Jul 14, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 14, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 14, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 14, 2019	0.03	0.03	0.03	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 14, 2019	0.40	0.40	0.40	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 14, 2019	2.80	2.80	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 14, 2019	0.96	0.96	0.96	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 14, 2019	2.60	2.60	2.60	100.0%
18940531	5	776	MOORE	13132050	4	Jul 14, 2019	0.20	0.22	0.20	100.0%
18940531	77	800	MOORE	13132050	4	Jul 14, 2019	0.20	0.22	0.20	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 14, 2019	3.20	3.57	2.22	69.4%
18940601	158	536	MOORE	13132050	4	Jul 14, 2019	0.02	0.02	0.02	100.0%
18940601	417	379	MOORE	13132050	4	Jul 14, 2019	0.15	0.17	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 14, 2019	0.11	0.11	0.11	100.0%
18940601	284	229	SHARP	13126500	6	Jul 14, 2019	0.15	0.15	0.15	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 14, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 14, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 14, 2019	3.20	3.20	3.20	100.0%
18950601	242	212	MOORE	13132050	4	Jul 14, 2019	0.11	0.12	0.11	100.0%
18950601	417	378	MOORE	13132050	4	Jul 14, 2019	0.10	0.11	0.10	100.0%
18950601	158	534	MOORE	13132050	4	Jul 14, 2019	0.01	0.01	0.01	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 14, 2019	0.80	0.89	0.80	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.40	0.45	0.40	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.72	0.80	0.72	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 14, 2019	0.30	0.30	0.30	100.0%

18950601	445	411	NEILSEN	13120805	9	Jul 14, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 14, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jul 14, 2019	1.74	1.94	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 14, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jul 14, 2019	0.25	0.28	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jul 14, 2019	0.25	0.28	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 14, 2019	3.20	3.20	3.20	100.0%
18960601	417	381	MOORE	13132050	4	Jul 14, 2019	2.40	2.68	2.40	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 14, 2019	0.60	0.67	0.60	100.0%
18960601	158	540	MOORE	13132050	4	Jul 14, 2019	0.32	0.36	0.32	100.0%
18960601	402	876	MOORE	13132050	4	Jul 14, 2019	0.07	0.07	0.07	100.0%
18960601	406	65	MOORE	13132050	4	Jul 14, 2019	0.30	0.33	0.30	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 14, 2019	0.44	0.49	0.44	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 14, 2019	0.02	0.02	0.02	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 14, 2019	0.40	0.45	0.40	100.0%
18960601	309	877	MOORE	13132050	4	Jul 14, 2019	0.07	0.07	0.07	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 14, 2019	0.40	0.45	0.40	100.0%
18960601	459	993	MOORE	13132050	4	Jul 14, 2019	0.40	0.45	0.40	100.0%
18960601	417	992	MOORE	13132050	4	Jul 14, 2019	1.20	1.34	1.20	100.0%
18960601	263	397	MOORE	13132050	4	Jul 14, 2019	0.35	0.39	0.35	100.0%
18960601	263	399	MOORE	13132050	4	Jul 14, 2019	0.27	0.30	0.27	100.0%
18960601	441	207	MOORE	13132050	4	Jul 14, 2019	0.99	1.10	0.99	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 14, 2019	1.56	1.74	1.56	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 14, 2019	2.12	2.37	2.12	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 14, 2019	0.23	0.26	0.23	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 14, 2019	0.48	0.54	0.48	100.0%
18960601	96	457	MOORE	13132050	4	Jul 14, 2019	0.92	1.03	0.92	100.0%
18960601	96	461	MOORE	13132050	4	Jul 14, 2019	0.03	0.03	0.03	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 14, 2019	0.03	0.03	0.03	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.04	0.04	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 14, 2019	0.41	0.46	0.41	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.04	0.04	0.04	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jul 14, 2019	0.80	0.89	0.80	100.0%
18960601	668	1562	LOWER EASTSIDE &	13132291	4	Jul 14, 2019	0.36	0.40	0.36	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 14, 2019	0.70	0.78	0.70	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 14, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 14, 2019	2.00	2.23	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jul 14, 2019	0.20	0.20	0.20	100.0%
18960928	90	46	MUNSEY	13132375	2	Jul 14, 2019	1.00	1.12	1.00	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 14, 2019	1.97	2.20	1.97	100.0%
18960928	319	1175	MUNSEY	13132375	2	Jul 14, 2019	0.07	0.07	0.07	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 14, 2019	0.03	0.03	0.03	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 14, 2019	4.40	4.91	4.40	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 14, 2019	6.00	6.00	6.00	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 14, 2019	0.75	0.75	0.75	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 14, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jul 14, 2019	0.16	0.18	0.16	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 14, 2019	0.70	0.70	0.70	100.0%
18970615	306	1697	MOORE	13132050	4	Jul 14, 2019	0.02	0.02	0.02	100.0%
18970615	242	214	MOORE	13132050	4	Jul 14, 2019	0.22	0.25	0.22	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jul 14, 2019	0.24	0.27	0.24	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 14, 2019	0.13	0.15	0.13	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 14, 2019	1.20	1.20	1.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jul 14, 2019	1.24	1.24	1.24	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.65	0.73	0.65	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.65	0.73	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jul 14, 2019	1.20	1.20	1.20	100.0%
18980901	268	562	ARCO	13132365	2	Jul 14, 2019	1.57	1.75	1.57	100.0%
18990327	14	2062	MOORE	13132050	4	Jul 14, 2019	0.01	0.01	0.01	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 14, 2019	0.60	0.67	0.60	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 14, 2019	0.01	0.01	0.01	100.0%
18990327	113	584	MOORE	13132050	4	Jul 14, 2019	0.03	0.03	0.03	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 14, 2019	0.53	0.59	0.53	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 14, 2019	0.21	0.23	0.21	100.0%

18990327	219	549	MOORE	13132050	4	Jul 14, 2019	0.27	0.30	0.27	100.0%
18990327	180	468	MOORE	13132050	4	Jul 14, 2019	0.05	0.06	0.05	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jul 14, 2019	2.80	3.12	2.80	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 14, 2019	0.03	0.03	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 14, 2019	0.03	0.03	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 14, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 14, 2019	0.60	0.60	0.60	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jul 14, 2019	0.80	0.89	0.80	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 14, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 14, 2019	0.52	0.52	0.52	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 14, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 14, 2019	0.46	0.46	0.46	100.0%
19000924	318	543	MUNSEY	13132375	2	Jul 14, 2019	1.04	1.16	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 14, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.20	0.22	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jul 14, 2019	0.15	0.16	0.15	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jul 14, 2019	0.30	0.30	0.30	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 14, 2019	3.20	3.20	3.20	100.0%
19010901	319	1512	MUNSEY	13132375	2	Jul 14, 2019	0.43	0.48	0.43	100.0%
19010901	459	340	MOORE	13132050	4	Jul 14, 2019	0.23	0.26	0.23	100.0%
19010901	70	339	MOORE	13132050	4	Jul 14, 2019	0.12	0.13	0.12	100.0%
19010901	459	684	MOORE	13132050	4	Jul 14, 2019	0.35	0.39	0.35	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 14, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jul 14, 2019	0.12	0.13	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jul 14, 2019	1.31	1.46	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 14, 2019	2.60	2.60	2.60	100.0%
19020115	442	2143	MUNSEY	13132375	2	Jul 14, 2019	3.20	3.57	3.20	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.20	0.22	0.20	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.20	0.22	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 14, 2019	0.31	0.34	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.44	0.49	0.44	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 14, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 14, 2019	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 14, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 14, 2019	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 14, 2019	3.25	3.25	3.25	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 14, 2019	3.40	3.40	3.40	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 14, 2019	0.80	0.80	0.80	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 14, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 14, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 14, 2019	2.70	3.01	2.70	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 14, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 14, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 14, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jul 14, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 14, 2019	1.22	1.22	1.22	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 14, 2019	1.22	1.22	1.22	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 14, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 14, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 14, 2019	0.49	0.49	0.49	100.0%
19020701	279	2240	BRADSHAW	13120705	9	Jul 14, 2019	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 14, 2019	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jul 14, 2019	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 14, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 14, 2019	1.56	1.74	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jul 14, 2019	0.38	0.38	0.38	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jul 14, 2019	0.38	0.38	0.38	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jul 14, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 14, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 14, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 14, 2019	0.13	0.13	0.13	100.0%
19050501	59	2145	KENT	13120605	9	Jul 14, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	KENT	13120605	9	Jul 14, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 14, 2019	0.44	0.44	0.44	100.0%

19050501	498	780	BRADSHAW	13120705	9	Jul 14, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jul 14, 2019	0.62	0.62	0.62	100.0%
19050501	59	784	BITTON	13120735	9	Jul 14, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 14, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 14, 2019	0.44	0.44	0.44	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 14, 2019	0.31	0.31	0.31	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 14, 2019	0.31	0.31	0.31	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jul 14, 2019	0.27	0.27	0.27	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 14, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 14, 2019	0.65	0.65	0.65	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 14, 2019	0.10	0.10	0.10	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 14, 2019	0.30	0.30	0.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 14, 2019	1.52	1.52	1.52	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 14, 2019	0.50	0.50	0.50	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 14, 2019	0.40	0.40	0.40	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 14, 2019	1.30	1.30	1.30	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 14, 2019	0.12	0.12	0.12	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 14, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 14, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Jul 14, 2019	1.10	1.10	1.10	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 14, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 14, 2019	0.78	0.78	0.78	100.0%
19060501	185	392	3IN1	13130605	4	Jul 14, 2019	0.19	0.21	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	Jul 14, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 14, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jul 14, 2019	1.37	1.37	1.37	100.0%
19070711	2610	2094	KENT	13120605	9	Jul 14, 2019	0.53	0.53	0.53	100.0%
19070711	59	2146	KENT	13120605	9	Jul 14, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	Jul 14, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jul 14, 2019	0.53	0.53	0.53	100.0%
19070711	59	786	BITTON	13120735	9	Jul 14, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	BITTON	13120735	9	Jul 14, 2019	0.55	0.55	0.55	100.0%
19080715	364	692	CHILLY	13121105	9	Jul 14, 2019	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jul 14, 2019	0.33	0.37	0.33	100.0%
19081207	459	1080	MOORE	13132050	4	Jul 14, 2019	0.50	0.56	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jul 14, 2019	0.17	0.19	0.17	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 14, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 14, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 14, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 14, 2019	0.78	0.78	0.78	100.0%
19110517	442	2159	MUNSEY	13132375	2	Jul 14, 2019	0.90	1.00	0.90	100.0%
19120227	364	954	CHILLY	13121105	9	Jul 14, 2019	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 14, 2019	0.50	0.50	0.50	100.0%
19120415	442	2160	MUNSEY	13132375	2	Jul 14, 2019	0.90	1.00	0.90	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 14, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 14, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 14, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 14, 2019	1.70	1.70	1.70	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jul 14, 2019	2.40	2.40	2.40	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 14, 2019	2.10	2.10	2.10	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.13	0.15	0.13	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jul 14, 2019	0.02	0.02	0.02	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 14, 2019	1.39	1.39	1.39	100.0%
19140103	2610	2092	KENT	13120605	9	Jul 14, 2019	0.77	0.77	0.77	100.0%
19140103	59	2233	KENT	13120605	9	Jul 14, 2019	0.69	0.69	0.69	100.0%
19140103	59	1361	KENT	13120605	9	Jul 14, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 14, 2019	0.69	0.69	0.69	100.0%
19140103	2610	2092	BITTON	13120735	9	Jul 14, 2019	0.77	0.77	0.77	100.0%
19140103	59	1361	BITTON	13120735	9	Jul 14, 2019	0.04	0.04	0.04	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 14, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 14, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 14, 2019	0.18	0.18	0.18	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 14, 2019	0.11	0.11	0.11	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 14, 2019	0.11	0.11	0.11	100.0%

19160212	2329	1736	NEILSEN	13120805	9	Jul 14, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 14, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Jul 14, 2019	2.35	2.35	2.35	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 14, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 14, 2019	0.88	0.88	0.88	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 14, 2019	0.88	0.88	0.88	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Jul 14, 2019	0.32	0.32	0.32	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 14, 2019	1.00	1.00	1.00	100.0%
19170503	364	630	CHILLY	13121105	9	Jul 14, 2019	0.40	0.40	0.40	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 14, 2019	4.26	4.26	4.26	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 14, 2019	0.02	0.02	0.02	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jul 14, 2019	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	Jul 14, 2019	0.79	0.88	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	Jul 14, 2019	0.01	0.01	0.01	100.0%
19240806	417	695	MOORE	13132050	4	Jul 14, 2019	0.50	0.56	0.50	100.0%
19540821	2526	717	MUNSEY	13132375	2	Jul 14, 2019	1.20	1.34	1.20	100.0%
19600501	90	175	MOORE	13132050	4	Jul 14, 2019	0.44	0.49	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jul 14, 2019	0.11	0.12	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jul 14, 2019	4.90	5.47	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jul 14, 2019	0.02	0.02	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jul 14, 2019	4.40	4.91	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 14, 2019	16.00	17.85	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jul 14, 2019	1.00	1.12	1.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jul 14, 2019	0.82	0.91	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jul 14, 2019	8.06	8.99	8.06	100.0%
19950203	476	1272	MOORE	13132050	4	Jul 14, 2019	45.04	50.26	45.04	100.0%
19950411	476	1273	ARCO	13132365	2	Jul 14, 2019	7.44	8.30	7.44	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jul 14, 2019	5.20	5.80	5.20	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jul 14, 2019	8.76	8.76	8.76	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jul 14, 2019	23.26	23.26	23.26	100.0%
19950411	476	1273	BURNETT	13127750	5	Jul 14, 2019	35.58	35.58	35.58	100.0%
19950411	476	1273	HARRIS-VAUGHT	13127751	5	Jul 14, 2019	16.00	16.00	16.00	100.0%
19950411	476	1273	SHARP	13126500	6	Jul 14, 2019	2.28	2.28	2.28	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jul 14, 2019	9969.40	9969.40	138.89	1.4%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 15, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 15	642.0	3.0	0.0	645.0	0.00	645.0	3.0	0.0	0.0	642.0	0.0	0.0
9	Howell to Chilly	Jul 15	429.0	120.2	0.0	-92.8	0.14	552.2	116.0	4.3	0.0	433.3	-4.3	0.0
8	Chilly to Reservoir	* Jul 15	563.4	55.8	0.0	190.2	0.00	742.5	50.1	5.7	0.0	573.4	-10.0	0.0
	Connected													
7	Mackay Reservoir	* Jul 15	568.2	0.0	0.0	0.0	0.00	780.7	190.3		0.0	383.1	185.1	0.0
6	Reservoir to 2B	Jul 15	558.0	10.2	0.0	0.0	0.00	742.5	10.1	0.1	0.0	373.0	185.0	0.0
5	2B to Leslie	Jul 15	415.0	181.2	0.0	38.2	0.00	780.7	172.1	9.1	0.0	239.1	175.9	0.0
4	Leslie to Moore	Jul 15	91.6	280.8	0.0	-42.6	0.10	780.7	153.0	127.8	0.0	61.6	30.0	0.0
2	Moore to blw Munsey	Jul 15	9.0	104.0	0.0	21.4	0.00	802.1	83.0	21.0	0.0	0.0	9.0	0.0
1	Blw Munsey to Arco	Jul 15	13.8	0.0	0.0	4.8	0.00	806.9	0.0	0.0	0.0	4.8	9.0	0.0
								TOTAL	777.5	168.0	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 15	0.0	0.0		20180101	2%
9	Howell to Chilly	Jul 15	0.0	0.0		20180101	2%
8	Chilly to Reservoir	Jul 15	0.0	0.0		20180101	2%
	Connected						
7	Mackay Reservoir	Jul 15	0.0	0.0		20180101	2%
6	Reservoir to 2B	Jul 15	0.0	0.0		20180101	2%
5	2B to Leslie	Jul 15	0.0	0.0		20180101	2%
4	Leslie to Moore	Jul 15	24.5	18.1		20180101	2%
2	Moore to blw Munsey	Jul 15	0.0	0.0		20180101	2%
1	Blw Munsey to Arco	Jul 15	0.0	0.0		20180101	2%
	TOTAL		24.5	18.1	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	482.4
2	18810630	1.7	294.0	256.3
3	18880601	3.2	556.5	482.4
4	18960601	6.4	1113.0	964.8
5	19020301	0.8	140.0	120.6
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	71510.1
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	117667.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44420.0	44380.0	-40.0	-20.2	15.4

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	73816.5
Total Storage Loss	-39787.2
Total Storage Deliver	-17263.4
Total Evaporation	-1256.3
Accounting Balance	44379.6
Current Res Content	44380.0
Storage Balance Error	-0.4

DAILY STORAGE BALANCE

44420.0	Reservoir Content Previous Day [ac-ft]
44380.0	Reservoir Content Current Day [ac-ft]
-40.0	Physical Change in Storage [ac-ft]
377.5	Storage Allocated to Mackay Reservoir [ac-ft]
-53.8	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-18.1	Leslie to Moore [cfs]
0.0	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-9.0	Past Arco Gage [cfs]
-333.2	Storage Delivered [ac-ft]
10.0	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
9.1	2B to Leslie [cfs]
127.8	Leslie to Moore [cfs]
21.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-30.5	Evaporation [ac-ft]
-40.0	Accounting Change in Storage [ac-ft]
0.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

563.4	Gain in/above Mackay Reservoir [cfs]
38.2	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
21.4	Gain in Reach 2: Moore to Munsey [cfs]
4.8	Gain in Reach 1: Munsey to Arco [cfs]
627.8	Total Available Natural Flow [cfs]
190.3	Reservoir Rights Diverted [cfs]
29.3	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
24.5	Leslie to Moore [cfs]
0.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
4.8	Natural Flow Past Arco Gage [cfs]
408.2	Natural Flow Delivered [cfs]
-10.0	Above Reservoir Storage Use [cfs]
10.1	Reservoir to 2B [cfs]
172.1	2B to Leslie [cfs]
153.0	Leslie to Moore [cfs]
83.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
627.8	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	12.2	610
Eastside Felton Wier +	82.1	4105
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	94.3	4715
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.7	84
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	5.6	280
Eastside R Reynolds Delivery +	2.7	135
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	98.4	4920
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	2.0	100
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	4.4	218
Island Wanstrom David +	0.0	0
Eastside OUT	61.2	3060
Total Out	177.9	8895

Abbreviated Reach Delivery Factor 1.89
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 307.0%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 61.2 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 19.9 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 95.1%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 21.0 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 99.0 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 250.5%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 291.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 15, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	2.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	10.2	0.1	19.4
9	BITTON	5.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	5.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	27.3	3.4	355.3
9	Thalman Hunter D	4.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	61.9	0.2	755.1
9	NEILSEN	48.2	4.3	536.3	8	Smith Pumps	2.0	0.0	6.0	5	BURNETT	92.0	5.5	1433.9
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	48.0	0.0	0.0	8	Broken River Pum	2.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	11.8	8.8	748.7
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	4.0	4.0	466.1
8	Donahue 1	0.8	0.7	115.0	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	0.1	9.7
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	265.8
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	8.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	148.0	52.7	3038.9
8	Mtn. Springs 1	0.0	5.0	521.5	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	99.0	62.0	8223.4
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	34.0	11.8	1078.7
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	70.0	11.5	470.0
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	5.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	5.0	474.1	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 15, 2019	5.00	5.00	5.00	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 15, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 15, 2019	0.59	0.59	0.59	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 15, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 15, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 15, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 15, 2019	1.92	1.92	1.92	100.0%
18820601	317	939	No Tellum 2	13123070	8	Jul 15, 2019	1.28	1.28	1.28	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 15, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jul 15, 2019	2.00	2.00	2.00	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 15, 2019	0.27	0.30	0.27	100.0%
18830601	224	854	MOORE	13132050	4	Jul 15, 2019	2.10	2.34	2.10	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 15, 2019	0.79	0.88	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 15, 2019	1.54	1.72	1.54	100.0%
18830601	221	855	MOORE	13132050	4	Jul 15, 2019	1.60	1.78	1.60	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 15, 2019	1.13	1.26	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 15, 2019	1.72	1.92	1.72	100.0%
18830810	263	393	MOORE	13132050	4	Jul 15, 2019	0.18	0.20	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jul 15, 2019	0.48	0.53	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 15, 2019	0.18	0.20	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 15, 2019	0.01	0.01	0.01	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.43	0.48	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.21	0.24	0.21	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.21	0.24	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 15, 2019	1.00	1.11	1.00	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 15, 2019	0.14	0.16	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 15, 2019	1.60	1.60	1.60	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 15, 2019	0.07	0.07	0.07	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 15, 2019	1.12	1.12	1.12	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 15, 2019	2.17	2.17	2.17	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 15, 2019	0.20	0.20	0.20	100.0%
18840422	294	1421	DARLINGTON	13127735	5	Jul 15, 2019	0.03	0.03	0.03	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 15, 2019	0.55	0.55	0.55	100.0%
18840422	492	1291	DARLINGTON	13127735	5	Jul 15, 2019	0.10	0.10	0.10	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 15, 2019	0.96	0.96	0.96	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 15, 2019	1.63	1.63	1.63	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 15, 2019	1.44	1.44	1.44	100.0%
18840422	684	1419	DARLINGTON	13127735	5	Jul 15, 2019	0.01	0.01	0.01	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 15, 2019	0.14	0.14	0.14	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 15, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 15, 2019	0.79	0.79	0.79	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 15, 2019	2.00	2.00	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 15, 2019	0.50	0.50	0.50	100.0%
18840422	284	228	SHARP	13126500	6	Jul 15, 2019	0.13	0.13	0.13	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 15, 2019	0.60	0.60	0.60	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 15, 2019	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	Jul 15, 2019	0.08	0.08	0.08	100.0%
18840422	544	2189	SHARP	13126500	6	Jul 15, 2019	1.00	1.00	1.00	100.0%
18840422	347	938	SHARP	13126500	6	Jul 15, 2019	2.40	2.40	2.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 15, 2019	0.77	0.77	0.77	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 15, 2019	1.60	1.60	1.60	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 15, 2019	0.80	0.80	0.80	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 15, 2019	0.40	0.40	0.40	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 15, 2019	0.40	0.40	0.40	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 15, 2019	1.23	1.23	1.23	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 15, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 15, 2019	1.80	1.80	1.80	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 15, 2019	0.02	0.02	0.02	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 15, 2019	2.24	2.50	2.24	100.0%

18840520	2331	471	MOORE	13132050	4	Jul 15, 2019	2.14	2.38	2.14	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 15, 2019	0.80	0.89	0.80	100.0%
18840520	96	451	MOORE	13132050	4	Jul 15, 2019	0.58	0.65	0.58	100.0%
18840520	113	585	MOORE	13132050	4	Jul 15, 2019	0.11	0.12	0.11	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 15, 2019	0.78	0.87	0.78	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 15, 2019	0.01	0.01	0.01	100.0%
18840520	433	271	MOORE	13132050	4	Jul 15, 2019	0.54	0.60	0.54	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 15, 2019	1.60	1.78	1.60	100.0%
18840520	219	547	MOORE	13132050	4	Jul 15, 2019	1.15	1.28	1.15	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 15, 2019	0.50	0.56	0.50	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 15, 2019	0.38	0.42	0.38	100.0%
18840520	180	470	MOORE	13132050	4	Jul 15, 2019	0.16	0.18	0.16	100.0%
18840520	263	394	MOORE	13132050	4	Jul 15, 2019	0.22	0.25	0.22	100.0%
18840520	242	210	MOORE	13132050	4	Jul 15, 2019	0.21	0.23	0.21	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 15, 2019	0.18	0.20	0.18	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 15, 2019	0.01	0.01	0.01	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 15, 2019	0.04	0.04	0.04	100.0%
18840520	427	1	MOORE	13132050	4	Jul 15, 2019	1.12	1.25	1.12	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 15, 2019	0.22	0.25	0.22	100.0%
18840520	14	2061	MOORE	13132050	4	Jul 15, 2019	0.04	0.04	0.04	100.0%
18840520	14	2002	MOORE	13132050	4	Jul 15, 2019	0.02	0.02	0.02	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.80	0.89	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 15, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 15, 2019	0.46	0.46	0.46	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 15, 2019	1.28	1.43	1.28	100.0%
18840601	263	395	MOORE	13132050	4	Jul 15, 2019	0.08	0.09	0.08	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 15, 2019	1.20	1.34	1.20	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 15, 2019	0.01	0.01	0.01	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 15, 2019	0.54	0.60	0.54	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 15, 2019	0.08	0.09	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Jul 15, 2019	0.21	0.23	0.21	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 15, 2019	0.09	0.10	0.09	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 15, 2019	0.16	0.18	0.16	100.0%
18840601	73	2026	BURNETT	13127750	5	Jul 15, 2019	0.37	0.37	0.37	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 15, 2019	0.20	0.20	0.20	100.0%
18840601	73	2027	BURNETT	13127750	5	Jul 15, 2019	0.23	0.23	0.23	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 15, 2019	0.80	0.80	0.80	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 15, 2019	0.73	0.73	0.73	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 15, 2019	0.40	0.40	0.40	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 15, 2019	0.27	0.27	0.27	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 15, 2019	0.20	0.20	0.20	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 15, 2019	0.96	0.96	0.96	100.0%
18840601	317	940	No Tellum 2	13123070	8	Jul 15, 2019	0.64	0.64	0.64	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 15, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 15, 2019	0.80	0.80	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jul 15, 2019	0.80	0.89	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 15, 2019	1.20	1.34	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jul 15, 2019	0.54	0.60	0.54	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 15, 2019	0.80	0.89	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 15, 2019	1.20	1.34	1.20	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 15, 2019	0.09	0.10	0.09	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 15, 2019	0.20	0.22	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 15, 2019	0.58	0.65	0.58	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.50	0.56	0.50	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.40	0.45	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 15, 2019	1.31	1.46	1.31	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.44	0.49	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.40	0.45	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 15, 2019	3.20	3.57	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 15, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 15, 2019	0.40	0.40	0.40	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 15, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jul 15, 2019	1.76	1.96	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 15, 2019	1.25	1.39	1.25	100.0%

18841012	459	1079	MOORE	13132050	4	Jul 15, 2019	0.89	0.99	0.89	100.0%
18841012	70	341	MOORE	13132050	4	Jul 15, 2019	0.31	0.35	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Jul 15, 2019	0.58	0.65	0.58	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 15, 2019	3.30	3.30	3.30	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 15, 2019	2.78	2.78	2.78	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 15, 2019	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 15, 2019	0.74	0.74	0.74	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 15, 2019	0.42	0.42	0.42	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 15, 2019	0.81	0.81	0.81	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 15, 2019	0.64	0.64	0.64	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 15, 2019	0.79	0.79	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 15, 2019	1.65	1.65	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 15, 2019	2.00	2.00	2.00	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 15, 2019	0.76	0.76	0.76	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jul 15, 2019	0.23	0.23	0.23	100.0%
18850501	468	59	ARCO	13132365	2	Jul 15, 2019	0.74	0.82	0.66	89.7%
18850501	423	186	ARCO	13132365	2	Jul 15, 2019	0.26	0.29	0.23	89.7%
18850501	423	87	ARCO	13132365	2	Jul 15, 2019	0.20	0.22	0.18	89.7%
18850501	426	887	ARCO	13132365	2	Jul 15, 2019	0.64	0.71	0.57	89.7%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jul 15, 2019	2.00	2.23	2.00	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 15, 2019	0.24	0.27	0.24	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 15, 2019	1.80	2.01	1.80	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 15, 2019	0.20	0.22	0.20	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 15, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 15, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.20	0.22	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	1.40	1.56	1.40	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.20	0.22	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 15, 2019	0.30	0.33	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jul 15, 2019	0.48	0.53	0.48	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 15, 2019	0.56	0.62	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 15, 2019	0.19	0.19	0.19	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 15, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 15, 2019	0.11	0.11	0.11	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 15, 2019	1.37	1.37	1.37	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 15, 2019	1.56	1.73	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 15, 2019	0.04	0.05	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	2.80	3.12	2.80	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 15, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 15, 2019	0.24	0.27	0.24	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 15, 2019	1.20	1.34	1.20	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 15, 2019	1.80	1.80	1.80	100.0%
18850601	544	2205	SHARP	13126500	6	Jul 15, 2019	0.80	0.80	0.80	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 15, 2019	0.28	0.28	0.28	100.0%
18851002	468	61	ARCO	13132365	2	Jul 15, 2019	3.60	4.01	3.23	89.7%
18851002	318	817	MUNSEY	13132375	2	Jul 15, 2019	0.80	0.89	0.72	89.7%
18851002	318	545	MUNSEY	13132375	2	Jul 15, 2019	0.75	0.84	0.67	89.7%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 15, 2019	2.73	2.73	2.73	100.0%
18860501	305	927	3IN1	13130605	4	Jul 15, 2019	1.60	1.78	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 15, 2019	2.80	3.12	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jul 15, 2019	1.20	1.34	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 15, 2019	5.36	5.97	5.36	100.0%
18860512	263	398	MOORE	13132050	4	Jul 15, 2019	0.18	0.20	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 15, 2019	0.01	0.01	0.01	100.0%
18860512	96	459	MOORE	13132050	4	Jul 15, 2019	0.48	0.53	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 15, 2019	0.18	0.20	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	1.77	1.97	1.77	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 15, 2019	2.40	2.67	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 15, 2019	0.20	0.22	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 15, 2019	0.08	0.09	0.08	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	1.60	1.78	1.60	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	1.00	1.11	1.00	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jul 15, 2019	0.50	0.50	0.50	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	1.00	1.11	1.00	100.0%

18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.80	0.89	0.80	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.10	0.11	0.10	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 15, 2019	0.60	0.60	0.60	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jul 15, 2019	1.31	1.31	1.31	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 15, 2019	0.80	0.80	0.80	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 15, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 15, 2019	0.52	0.52	0.52	100.0%
18860901	180	2	MUNSEY	13132375	2	Jul 15, 2019	0.84	0.94	0.75	89.7%
18860901	605	955	Stoecklein 1	13124173	8	Jul 15, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 15, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 15, 2019	1.26	1.26	1.26	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 15, 2019	1.60	1.78	1.60	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 15, 2019	3.20	3.57	3.20	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 15, 2019	0.80	0.89	0.80	100.0%
18870313	433	683	MOORE	13132050	4	Jul 15, 2019	0.13	0.14	0.13	100.0%
18870313	459	682	MOORE	13132050	4	Jul 15, 2019	0.65	0.72	0.65	100.0%
18870313	70	337	MOORE	13132050	4	Jul 15, 2019	0.23	0.26	0.23	100.0%
18870313	459	338	MOORE	13132050	4	Jul 15, 2019	0.42	0.47	0.42	100.0%
18870313	73	2028	BURNETT	13127750	5	Jul 15, 2019	1.00	1.00	1.00	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 15, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 15, 2019	2.82	2.82	2.82	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 15, 2019	3.20	3.57	2.87	89.7%
18870601	468	893	ARCO	13132365	2	Jul 15, 2019	1.00	1.11	0.90	89.7%
18870601	423	1028	ARCO	13132365	2	Jul 15, 2019	1.80	2.01	1.62	89.7%
18870601	423	76	ARCO	13132365	2	Jul 15, 2019	0.22	0.25	0.20	89.7%
18870601	90	1199	MUNSEY	13132375	2	Jul 15, 2019	0.50	0.56	0.45	89.7%
18870601	19	892	MUNSEY	13132375	2	Jul 15, 2019	1.20	1.34	1.08	89.7%
18870601	305	1351	3IN1	13130605	4	Jul 15, 2019	1.00	1.11	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 15, 2019	3.20	3.57	3.20	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 15, 2019	0.16	0.16	0.16	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 15, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 15, 2019	0.75	0.75	0.75	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 15, 2019	1.24	1.24	1.24	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 15, 2019	0.12	0.12	0.12	100.0%
18870601	317	941	No Tellum 2	13123070	8	Jul 15, 2019	0.08	0.08	0.08	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 15, 2019	0.60	0.60	0.60	100.0%
18870701	423	102	ARCO	13132365	2	Jul 15, 2019	0.42	0.47	0.38	89.7%
18870801	623	2203	BURNETT	13127750	5	Jul 15, 2019	0.33	0.33	0.33	100.0%
18870801	119	1166	BURNETT	13127750	5	Jul 15, 2019	0.27	0.27	0.27	100.0%
18870831	119	1154	BURNETT	13127750	5	Jul 15, 2019	0.20	0.20	0.20	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 15, 2019	0.54	0.54	0.54	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 15, 2019	0.43	0.43	0.43	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 15, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 15, 2019	0.20	0.20	0.20	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.70	0.78	0.70	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 15, 2019	0.76	0.76	0.76	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 15, 2019	0.38	0.38	0.38	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 15, 2019	0.56	0.56	0.56	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 15, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 15, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 15, 2019	0.40	0.45	0.36	89.7%
18880801	279	2125	Anderson	13120745	9	Jul 15, 2019	0.81	0.81	0.81	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 15, 2019	0.64	0.64	0.64	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 15, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 15, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 15, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	KENT	13120605	9	Jul 15, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 15, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 15, 2019	0.83	0.83	0.83	100.0%
18890410	294	1027	DARLINGTON	13127735	5	Jul 15, 2019	0.30	0.30	0.30	100.0%
18890410	684	1025	DARLINGTON	13127735	5	Jul 15, 2019	0.08	0.08	0.08	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 15, 2019	0.76	0.76	0.76	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Jul 15, 2019	0.14	0.14	0.14	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 15, 2019	1.12	1.25	1.12	100.0%

18890601	599	1552	MOORE	13132050	4	Jul 15, 2019	0.34	0.38	0.34	100.0%
18890601	441	205	MOORE	13132050	4	Jul 15, 2019	0.97	1.08	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 15, 2019	0.50	0.56	0.50	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 15, 2019	0.80	0.80	0.80	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 15, 2019	2.70	2.70	2.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 15, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 15, 2019	0.70	0.70	0.70	100.0%
18900601	372	886	ARCO	13132365	2	Jul 15, 2019	0.59	0.66	0.53	89.7%
18900601	426	756	ARCO	13132365	2	Jul 15, 2019	0.57	0.64	0.51	89.7%
18900601	48	1023	MUNSEY	13132375	2	Jul 15, 2019	3.60	4.01	3.23	89.7%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 15, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 15, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 15, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 15, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 15, 2019	0.24	0.24	0.24	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 15, 2019	0.60	0.67	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 15, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 15, 2019	5.20	5.20	5.20	100.0%
18920101	2615	1643	MOORE	13132050	4	Jul 15, 2019	1.16	1.29	1.16	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 15, 2019	0.20	0.22	0.20	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jul 15, 2019	0.80	0.89	0.80	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 15, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 15, 2019	1.45	1.45	1.45	100.0%
18930201	414	1865	MOORE	13132050	4	Jul 15, 2019	0.30	0.33	0.30	100.0%
18930201	158	538	MOORE	13132050	4	Jul 15, 2019	0.03	0.03	0.03	100.0%
18930201	417	380	MOORE	13132050	4	Jul 15, 2019	0.22	0.25	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 15, 2019	0.30	0.33	0.30	100.0%
18930323	77	688	MOORE	13132050	4	Jul 15, 2019	1.50	1.67	1.50	100.0%
18930323	77	366	MOORE	13132050	4	Jul 15, 2019	1.60	1.78	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 15, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	Jul 15, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 15, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	KENT	13120605	9	Jul 15, 2019	0.60	0.60	0.60	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 15, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 15, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 15, 2019	0.58	0.58	0.58	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 15, 2019	0.96	0.96	0.96	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 15, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 15, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 15, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 15, 2019	2.00	2.00	2.00	100.0%
18940531	5	776	MOORE	13132050	4	Jul 15, 2019	0.20	0.22	0.20	100.0%
18940531	77	800	MOORE	13132050	4	Jul 15, 2019	0.74	0.82	0.74	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 15, 2019	3.20	3.57	3.10	96.7%
18940601	417	379	MOORE	13132050	4	Jul 15, 2019	0.15	0.17	0.15	100.0%
18940601	158	536	MOORE	13132050	4	Jul 15, 2019	0.02	0.02	0.02	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 15, 2019	0.11	0.11	0.11	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 15, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jul 15, 2019	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 15, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 15, 2019	3.20	3.20	3.20	100.0%
18950601	242	212	MOORE	13132050	4	Jul 15, 2019	0.11	0.12	0.11	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 15, 2019	0.80	0.89	0.80	100.0%
18950601	158	534	MOORE	13132050	4	Jul 15, 2019	0.01	0.01	0.01	100.0%
18950601	417	378	MOORE	13132050	4	Jul 15, 2019	0.10	0.11	0.10	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.40	0.45	0.40	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.72	0.80	0.72	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 15, 2019	0.50	0.50	0.50	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 15, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 15, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jul 15, 2019	1.74	1.94	1.74	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 15, 2019	1.60	1.60	1.60	100.0%
18960302	402	872	MOORE	13132050	4	Jul 15, 2019	0.25	0.28	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jul 15, 2019	0.25	0.28	0.25	100.0%

18960327	29	839	MOORE	13132050	4	Jul 15, 2019	1.60	1.78	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 15, 2019	2.45	2.45	2.45	100.0%
18960601	417	992	MOORE	13132050	4	Jul 15, 2019	1.20	1.34	1.20	100.0%
18960601	417	381	MOORE	13132050	4	Jul 15, 2019	2.40	2.67	2.40	100.0%
18960601	441	207	MOORE	13132050	4	Jul 15, 2019	0.99	1.10	0.99	100.0%
18960601	406	65	MOORE	13132050	4	Jul 15, 2019	0.30	0.33	0.30	100.0%
18960601	459	993	MOORE	13132050	4	Jul 15, 2019	0.40	0.45	0.40	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 15, 2019	1.56	1.74	1.56	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 15, 2019	0.40	0.45	0.40	100.0%
18960601	263	399	MOORE	13132050	4	Jul 15, 2019	0.27	0.30	0.27	100.0%
18960601	96	457	MOORE	13132050	4	Jul 15, 2019	0.92	1.03	0.92	100.0%
18960601	96	461	MOORE	13132050	4	Jul 15, 2019	0.03	0.03	0.03	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 15, 2019	2.12	2.36	2.12	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 15, 2019	0.48	0.53	0.48	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 15, 2019	0.23	0.26	0.23	100.0%
18960601	158	540	MOORE	13132050	4	Jul 15, 2019	0.32	0.36	0.32	100.0%
18960601	263	397	MOORE	13132050	4	Jul 15, 2019	0.35	0.39	0.35	100.0%
18960601	402	876	MOORE	13132050	4	Jul 15, 2019	0.07	0.07	0.07	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 15, 2019	0.02	0.02	0.02	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 15, 2019	0.03	0.03	0.03	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 15, 2019	0.44	0.49	0.44	100.0%
18960601	309	877	MOORE	13132050	4	Jul 15, 2019	0.07	0.07	0.07	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 15, 2019	0.60	0.67	0.60	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 15, 2019	0.40	0.45	0.40	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jul 15, 2019	0.80	0.89	0.80	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 15, 2019	0.41	0.46	0.41	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 15, 2019	0.70	0.78	0.70	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.04	0.04	0.04	100.0%
18960601	668	1562	LOWER EASTSIDE &	13132291	4	Jul 15, 2019	0.36	0.40	0.36	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.04	0.04	0.04	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 15, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 15, 2019	2.00	2.23	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jul 15, 2019	0.20	0.20	0.20	100.0%
18960928	90	46	MUNSEY	13132375	2	Jul 15, 2019	1.00	1.11	1.00	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 15, 2019	1.97	2.20	1.97	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 15, 2019	4.40	4.90	4.40	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 15, 2019	0.03	0.03	0.03	100.0%
18960928	319	1175	MUNSEY	13132375	2	Jul 15, 2019	0.07	0.07	0.07	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 15, 2019	3.60	3.60	3.60	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 15, 2019	1.15	1.15	1.15	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 15, 2019	2.00	2.00	2.00	100.0%
18970601	306	1696	MOORE	13132050	4	Jul 15, 2019	0.16	0.18	0.16	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 15, 2019	0.70	0.70	0.70	100.0%
18970615	242	214	MOORE	13132050	4	Jul 15, 2019	0.22	0.25	0.22	100.0%
18970615	306	1697	MOORE	13132050	4	Jul 15, 2019	0.02	0.02	0.02	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jul 15, 2019	0.24	0.27	0.24	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 15, 2019	0.13	0.14	0.13	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 15, 2019	1.20	1.20	1.20	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.65	0.72	0.65	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.65	0.72	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jul 15, 2019	1.20	1.20	1.20	100.0%
18980901	268	562	ARCO	13132365	2	Jul 15, 2019	1.57	1.75	1.57	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 15, 2019	0.01	0.01	0.01	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 15, 2019	0.21	0.23	0.21	100.0%
18990327	219	549	MOORE	13132050	4	Jul 15, 2019	0.27	0.30	0.27	100.0%
18990327	180	468	MOORE	13132050	4	Jul 15, 2019	0.05	0.06	0.05	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 15, 2019	0.60	0.67	0.60	100.0%
18990327	113	584	MOORE	13132050	4	Jul 15, 2019	0.03	0.03	0.03	100.0%
18990327	14	2062	MOORE	13132050	4	Jul 15, 2019	0.01	0.01	0.01	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 15, 2019	0.53	0.59	0.53	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jul 15, 2019	2.80	3.12	2.80	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 15, 2019	0.03	0.03	0.03	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 15, 2019	0.03	0.03	0.03	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 15, 2019	2.74	2.74	2.74	100.0%

18990601	130	1076	NEILSEN	13120805	9	Jul 15, 2019	0.60	0.60	0.60	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jul 15, 2019	0.80	0.89	0.80	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 15, 2019	0.57	0.57	0.57	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 15, 2019	0.46	0.46	0.46	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 15, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 15, 2019	0.21	0.21	0.21	100.0%
19000323	77	44	MOORE	13132050	4	Jul 15, 2019	1.30	1.45	1.30	100.0%
19000924	318	543	MUNSEY	13132375	2	Jul 15, 2019	1.04	1.16	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 15, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.20	0.22	0.20	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 15, 2019	3.20	3.20	3.20	100.0%
19010901	319	1512	MUNSEY	13132375	2	Jul 15, 2019	0.43	0.48	0.43	100.0%
19010901	70	339	MOORE	13132050	4	Jul 15, 2019	0.12	0.13	0.12	100.0%
19010901	459	684	MOORE	13132050	4	Jul 15, 2019	0.35	0.39	0.35	100.0%
19010901	459	340	MOORE	13132050	4	Jul 15, 2019	0.23	0.26	0.23	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 15, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jul 15, 2019	0.12	0.13	0.12	100.0%
19011102	426	1159	ARCO	13132365	2	Jul 15, 2019	1.31	1.46	1.31	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 15, 2019	2.36	2.36	2.36	100.0%
19020115	442	2143	MUNSEY	13132375	2	Jul 15, 2019	3.20	3.57	3.20	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.20	0.22	0.20	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.20	0.22	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 15, 2019	0.31	0.34	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.44	0.49	0.44	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 15, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 15, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 15, 2019	0.80	0.80	0.80	100.0%
19020301	307	834	CHILLY	13121105	9	Jul 15, 2019	0.25	0.25	0.25	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 15, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 15, 2019	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 15, 2019	3.40	3.40	3.40	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 15, 2019	3.85	3.85	3.85	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 15, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 15, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 15, 2019	2.70	3.01	2.70	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 15, 2019	1.30	1.30	1.30	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 15, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 15, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jul 15, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 15, 2019	1.35	1.35	1.35	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 15, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 15, 2019	0.24	0.24	0.24	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 15, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 15, 2019	0.46	0.46	0.46	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 15, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 15, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 15, 2019	1.56	1.74	1.56	100.0%
19040601	279	2127	Anderson	13120745	9	Jul 15, 2019	0.42	0.42	0.42	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jul 15, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 15, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 15, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 15, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jul 15, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 15, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	KENT	13120605	9	Jul 15, 2019	0.45	0.45	0.45	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jul 15, 2019	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jul 15, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 15, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 15, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	BITTON	13120735	9	Jul 15, 2019	0.02	0.02	0.02	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 15, 2019	0.34	0.34	0.34	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 15, 2019	0.27	0.27	0.27	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 15, 2019	0.30	0.30	0.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 15, 2019	1.52	1.52	1.52	100.0%

19050501	232	2155	NEILSEN	13120805	9	Jul 15, 2019	0.12	0.12	0.12	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 15, 2019	0.50	0.50	0.50	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 15, 2019	0.40	0.40	0.40	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 15, 2019	0.10	0.10	0.10	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 15, 2019	0.65	0.65	0.65	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 15, 2019	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 15, 2019	1.30	1.30	1.30	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 15, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 15, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 15, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Jul 15, 2019	1.10	1.10	1.10	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 15, 2019	0.78	0.78	0.78	100.0%
19060501	185	392	3IN1	13130605	4	Jul 15, 2019	0.19	0.21	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	Jul 15, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 15, 2019	0.42	0.42	0.42	99.5%
19070711	2610	2094	KENT	13120605	9	Jul 15, 2019	0.22	0.22	0.22	100.0%
19070711	59	786	KENT	13120605	9	Jul 15, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	KENT	13120605	9	Jul 15, 2019	0.55	0.55	0.55	100.0%
19070711	59	2146	BITTON	13120735	9	Jul 15, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	BITTON	13120735	9	Jul 15, 2019	0.22	0.22	0.22	100.0%
19070711	59	786	BITTON	13120735	9	Jul 15, 2019	0.03	0.03	0.03	100.0%
19080709	475	1098	BURNETT	13127750	5	Jul 15, 2019	0.36	0.36	0.36	100.0%
19080715	364	692	CHILLY	13121105	9	Jul 15, 2019	0.50	0.50	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jul 15, 2019	0.17	0.19	0.17	100.0%
19081207	459	1080	MOORE	13132050	4	Jul 15, 2019	0.50	0.56	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jul 15, 2019	0.33	0.37	0.33	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 15, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 15, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 15, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 15, 2019	0.78	0.78	0.78	100.0%
19110517	442	2159	MUNSEY	13132375	2	Jul 15, 2019	0.90	1.00	0.90	100.0%
19120227	364	954	CHILLY	13121105	9	Jul 15, 2019	0.70	0.70	0.70	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 15, 2019	0.50	0.50	0.50	100.0%
19120415	442	2160	MUNSEY	13132375	2	Jul 15, 2019	0.90	1.00	0.90	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 15, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 15, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 15, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 15, 2019	1.70	1.70	1.70	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 15, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jul 15, 2019	2.40	2.40	2.40	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.13	0.14	0.13	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jul 15, 2019	0.02	0.02	0.02	100.0%
19130124	29	50	MOORE	13132050	4	Jul 15, 2019	0.70	0.78	0.70	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 15, 2019	0.82	0.82	0.82	100.0%
19140103	59	1361	KENT	13120605	9	Jul 15, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	KENT	13120605	9	Jul 15, 2019	0.48	0.48	0.48	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 15, 2019	0.48	0.48	0.48	100.0%
19140103	59	1361	BITTON	13120735	9	Jul 15, 2019	0.04	0.04	0.04	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 15, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 15, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 15, 2019	0.80	0.80	0.80	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 15, 2019	0.12	0.12	0.12	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 15, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 15, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Jul 15, 2019	2.31	2.31	2.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 15, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 15, 2019	0.85	0.85	0.85	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 15, 2019	0.68	0.68	0.68	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 15, 2019	1.99	1.99	1.99	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 15, 2019	4.26	4.26	4.26	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 15, 2019	0.02	0.02	0.02	100.0%
19200601	150	218	MUNSEY	13132375	2	Jul 15, 2019	0.01	0.01	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	Jul 15, 2019	0.79	0.88	0.79	100.0%
19240806	417	695	MOORE	13132050	4	Jul 15, 2019	0.50	0.56	0.50	100.0%

19540821	2526	717	MUNSEY	13132375	2	Jul 15, 2019	1.20	1.34	1.20	100.0%
19600501	90	175	MOORE	13132050	4	Jul 15, 2019	0.44	0.49	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jul 15, 2019	0.11	0.12	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jul 15, 2019	4.90	5.46	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jul 15, 2019	0.02	0.02	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jul 15, 2019	4.40	4.90	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 15, 2019	16.00	17.83	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jul 15, 2019	1.00	1.11	1.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jul 15, 2019	0.82	0.91	0.82	100.0%
19950203	476	1272	3IN1	13130605	4	Jul 15, 2019	8.06	8.98	8.06	100.0%
19950411	476	1273	ARCO	13132365	2	Jul 15, 2019	7.44	8.29	7.44	100.0%
19950411	476	1273	MUNSEY	13132375	2	Jul 15, 2019	5.20	5.79	5.20	100.0%
19950411	476	1273	SWAUGER	13127600	5	Jul 15, 2019	7.88	7.88	7.88	100.0%
19950411	476	1273	DARLINGTON	13127735	5	Jul 15, 2019	34.40	34.40	34.40	100.0%
19950411	476	1273	BURNETT	13127750	5	Jul 15, 2019	50.78	50.78	50.78	100.0%
19950411	476	1273	SHARP	13126500	6	Jul 15, 2019	3.34	3.34	3.34	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jul 15, 2019	9969.40	9969.40	175.03	1.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 16, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 16	593.0	3.0	0.0	596.0	0.00	596.0	3.0	0.0	0.0	593.0	0.0	0.0
9	Howell to Chilly	Jul 16	393.0	120.2	0.0	-79.8	0.13	516.2	116.0	4.3	0.0	397.3	-4.3	0.0
8	Chilly to Reservoir	* Jul 16	557.1	55.8	0.0	219.9	0.00	736.1	50.1	5.7	0.0	567.1	-10.0	0.0
	Connected													
7	Mackay Reservoir	* Jul 16	569.5	0.0	0.0	0.0	0.00	765.2	128.6		0.0	438.5	131.0	0.0
6	Reservoir to 2B	Jul 16	559.0	10.5	0.0	0.0	0.00	736.1	9.9	0.6	0.0	428.6	130.4	0.0
5	2B to Leslie	Jul 16	406.0	182.1	0.0	29.1	0.00	765.2	150.7	31.4	0.0	307.0	99.0	0.0
4	Leslie to Moore	Jul 16	135.5	228.2	0.0	-42.3	0.10	765.2	168.0	60.2	0.0	107.0	28.4	0.0
2	Moore to blw Munsey	Jul 16	7.4	86.0	0.0	-42.1	0.31	765.2	73.8	12.2	0.0	0.0	7.4	0.0
1	Blw Munsey to Arco	Jul 16	11.4	0.0	0.0	4.0	0.00	769.2	0.0	0.0	0.0	4.0	7.4	0.0
								TOTAL	700.0	114.4	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 16	0.0	0.0		20180101	1%
9	Howell to Chilly	Jul 16	0.0	0.0		20180101	1%
8	Chilly to Reservoir	Jul 16	0.0	0.0		20180101	1%
	Connected						
7	Mackay Reservoir	Jul 16	0.0	0.0		20180101	1%
6	Reservoir to 2B	Jul 16	0.0	0.0		20180101	1%
5	2B to Leslie	Jul 16	0.0	0.0		20180101	1%
4	Leslie to Moore	Jul 16	32.0	10.3		20180101	1%
2	Moore to blw Munsey	Jul 16	33.2	8.8		20180101	1%
1	Blw Munsey to Arco	Jul 16	0.0	0.0		20180101	1%
		TOTAL	65.2	19.1	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	488.7
2	18810630	1.7	294.0	259.6
3	18880601	3.2	556.5	488.7
4	18960601	6.4	1113.0	977.5
5	19020301	0.8	140.0	122.2
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	71734.8
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	117922.6

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44380.0	44330.0	-50.0	-25.2	12.8

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74071.6
Total Storage Loss	-39839.8
Total Storage Deliver	-17490.3
Total Evaporation	-1281.7
Accounting Balance	44329.7
Current Res Content	44330.0
Storage Balance Error	-0.3

DAILY STORAGE BALANCE

44380.0	Reservoir Content Previous Day [ac-ft]
44330.0	Reservoir Content Current Day [ac-ft]
-50.0	Physical Change in Storage [ac-ft]
255.1	Storage Allocated to Mackay Reservoir [ac-ft]
-52.6	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-10.3	Leslie to Moore [cfs]
-8.8	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-7.4	Past Arco Gage [cfs]
-226.9	Storage Delivered [ac-ft]
10.0	Above Reservoir [cfs]
0.6	Reservoir to 2B [cfs]
31.4	2B to Leslie [cfs]
60.2	Leslie to Moore [cfs]
12.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-25.4	Evaporation [ac-ft]
-49.8	Accounting Change in Storage [ac-ft]
0.2	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

557.1	Gain in/above Mackay Reservoir [cfs]
29.1	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
4.0	Gain in Reach 1: Munsey to Arco [cfs]
590.2	Total Available Natural Flow [cfs]
128.6	Reservoir Rights Diverted [cfs]
69.2	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
32.0	Leslie to Moore [cfs]
33.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
4.0	Natural Flow Past Arco Gage [cfs]
392.4	Natural Flow Delivered [cfs]
-10.0	Above Reservoir Storage Use [cfs]
9.9	Reservoir to 2B [cfs]
150.7	2B to Leslie [cfs]
168.0	Leslie to Moore [cfs]
73.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
590.2	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.8	590
Eastside Felton Wier +	79.7	3985
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	91.5	4575
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.7	84
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	5.6	280
Eastside R Reynolds Delivery +	2.7	135
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	2.0	100
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	4.4	218
Island Wanstrom David +	0.0	0
Eastside OUT	59.8	2990
Total Out	78.1	3905
Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.85	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 85.4%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 59.8 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 70.1 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 95.0%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 73.8 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 46.2 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 88.2%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 81.1%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 16, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	2.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	10.5	0.6	20.5
9	BITTON	5.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	5.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	28.3	6.8	368.8
9	Thalman Hunter D	4.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	61.9	3.0	761.0
9	NEILSEN	48.2	4.3	544.8	8	Smith Pumps	2.0	0.0	6.0	5	BURNETT	91.9	21.7	1476.9
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	48.0	0.0	0.0	8	Broken River Pum	2.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	12.0	8.5	765.6
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	4.0	4.0	474.1
8	Donahue 1	0.8	0.7	116.5	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	16.0	8.2	26.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	269.8
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	8.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	148.0	32.8	3103.9
8	Mtn. Springs 1	0.0	5.0	531.4	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	46.2	6.6	8236.4
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	30.6	11.0	1100.6
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	55.4	1.1	472.3
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	0.0	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	5.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	484.0	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 16, 2019	5.00	5.00	5.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 16, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 16, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 16, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 16, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 16, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 16, 2019	1.92	1.92	1.92	100.0%
18820601	317	939	No Tellum 2	13123070	8	Jul 16, 2019	1.28	1.28	1.28	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 16, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jul 16, 2019	2.00	2.00	2.00	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 16, 2019	0.79	0.88	0.79	100.0%
18830601	221	855	MOORE	13132050	4	Jul 16, 2019	1.60	1.79	1.60	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 16, 2019	0.27	0.30	0.27	100.0%
18830601	224	854	MOORE	13132050	4	Jul 16, 2019	2.88	3.21	2.88	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 16, 2019	1.54	1.72	1.54	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 16, 2019	1.73	1.93	1.73	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 16, 2019	1.13	1.26	1.13	100.0%
18830810	263	393	MOORE	13132050	4	Jul 16, 2019	0.18	0.20	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jul 16, 2019	0.48	0.54	0.48	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 16, 2019	0.01	0.01	0.01	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 16, 2019	0.18	0.20	0.18	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.21	0.24	0.21	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.21	0.24	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.43	0.48	0.43	100.0%
18840422	236	30	BECK	13130525	4	Jul 16, 2019	1.30	1.45	1.30	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 16, 2019	0.14	0.16	0.14	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 16, 2019	1.12	1.12	1.12	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 16, 2019	1.55	1.55	1.55	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Jul 16, 2019	0.12	0.12	0.12	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Jul 16, 2019	1.62	1.62	1.62	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 16, 2019	0.07	0.07	0.07	100.0%
18840422	294	1421	DARLINGTON	13127735	5	Jul 16, 2019	0.03	0.03	0.03	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 16, 2019	0.55	0.55	0.55	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 16, 2019	1.44	1.44	1.44	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 16, 2019	2.17	2.17	2.17	100.0%
18840422	492	1291	DARLINGTON	13127735	5	Jul 16, 2019	0.14	0.14	0.14	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 16, 2019	1.63	1.63	1.63	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 16, 2019	0.96	0.96	0.96	100.0%
18840422	684	1419	DARLINGTON	13127735	5	Jul 16, 2019	0.01	0.01	0.01	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 16, 2019	0.14	0.14	0.14	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 16, 2019	0.20	0.20	0.20	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 16, 2019	0.79	0.79	0.79	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 16, 2019	2.00	2.00	2.00	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 16, 2019	0.21	0.21	0.21	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 16, 2019	0.50	0.50	0.50	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 16, 2019	0.12	0.12	0.12	100.0%
18840422	544	2189	SHARP	13126500	6	Jul 16, 2019	1.00	1.00	1.00	100.0%
18840422	2525	1903	SHARP	13126500	6	Jul 16, 2019	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	Jul 16, 2019	2.45	2.45	2.45	100.0%
18840422	397	10	SHARP	13126500	6	Jul 16, 2019	0.12	0.12	0.12	100.0%
18840422	284	228	SHARP	13126500	6	Jul 16, 2019	0.13	0.13	0.13	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 16, 2019	0.64	0.64	0.64	100.0%
18840422	24	120	SHARP	13126500	6	Jul 16, 2019	0.08	0.08	0.08	100.0%
18840423	280	1860	SHARP	13126500	6	Jul 16, 2019	0.50	0.50	0.50	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 16, 2019	0.77	0.77	0.77	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 16, 2019	1.60	1.60	1.60	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 16, 2019	0.40	0.40	0.40	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 16, 2019	0.40	0.40	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 16, 2019	0.80	0.80	0.80	100.0%

18840430	73	2020	BURNETT	13127750	5	Jul 16, 2019	1.23	1.23	1.23	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 16, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 16, 2019	0.22	0.22	0.22	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 16, 2019	0.18	0.20	0.18	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 16, 2019	0.78	0.87	0.78	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 16, 2019	1.60	1.79	1.60	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 16, 2019	0.22	0.25	0.22	100.0%
18840520	180	470	MOORE	13132050	4	Jul 16, 2019	0.16	0.18	0.16	100.0%
18840520	427	1	MOORE	13132050	4	Jul 16, 2019	1.46	1.63	1.46	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 16, 2019	0.38	0.42	0.38	100.0%
18840520	96	451	MOORE	13132050	4	Jul 16, 2019	0.58	0.65	0.58	100.0%
18840520	433	271	MOORE	13132050	4	Jul 16, 2019	0.54	0.60	0.54	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 16, 2019	0.01	0.01	0.01	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 16, 2019	0.68	0.76	0.68	100.0%
18840520	242	210	MOORE	13132050	4	Jul 16, 2019	0.21	0.23	0.21	100.0%
18840520	219	547	MOORE	13132050	4	Jul 16, 2019	1.15	1.28	1.15	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 16, 2019	0.04	0.04	0.04	100.0%
18840520	113	585	MOORE	13132050	4	Jul 16, 2019	0.11	0.12	0.11	100.0%
18840520	263	394	MOORE	13132050	4	Jul 16, 2019	0.22	0.25	0.22	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 16, 2019	2.14	2.39	2.14	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 16, 2019	0.01	0.01	0.01	100.0%
18840520	463	1300	MOORE	13132050	4	Jul 16, 2019	1.60	1.79	1.60	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 16, 2019	2.24	2.50	2.24	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 16, 2019	0.90	1.00	0.90	100.0%
18840520	14	2061	MOORE	13132050	4	Jul 16, 2019	0.04	0.04	0.04	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 16, 2019	0.02	0.02	0.02	100.0%
18840520	14	2002	MOORE	13132050	4	Jul 16, 2019	0.02	0.02	0.02	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.80	0.89	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 16, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 16, 2019	0.72	0.72	0.72	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 16, 2019	0.09	0.10	0.09	100.0%
18840601	96	453	MOORE	13132050	4	Jul 16, 2019	0.21	0.23	0.21	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 16, 2019	0.08	0.09	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 16, 2019	0.54	0.60	0.54	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 16, 2019	1.28	1.43	1.28	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 16, 2019	1.36	1.52	1.36	100.0%
18840601	15	131	MOORE	13132050	4	Jul 16, 2019	0.37	0.41	0.37	100.0%
18840601	263	395	MOORE	13132050	4	Jul 16, 2019	0.08	0.09	0.08	100.0%
18840601	573	1722	MOORE	13132050	4	Jul 16, 2019	0.04	0.04	0.04	100.0%
18840601	573	1723	MOORE	13132050	4	Jul 16, 2019	0.12	0.13	0.12	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 16, 2019	0.01	0.01	0.01	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 16, 2019	0.16	0.18	0.16	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 16, 2019	0.80	0.80	0.80	100.0%
18840601	360	693	BURNETT	13127750	5	Jul 16, 2019	0.80	0.80	0.80	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 16, 2019	0.73	0.73	0.73	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 16, 2019	0.40	0.40	0.40	100.0%
18840601	73	2027	BURNETT	13127750	5	Jul 16, 2019	0.23	0.23	0.23	100.0%
18840601	73	2026	BURNETT	13127750	5	Jul 16, 2019	0.37	0.37	0.37	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 16, 2019	0.20	0.20	0.20	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 16, 2019	0.46	0.46	0.46	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 16, 2019	0.27	0.27	0.27	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 16, 2019	0.96	0.96	0.96	100.0%
18840601	317	940	No Tellum 2	13123070	8	Jul 16, 2019	0.64	0.64	0.64	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 16, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 16, 2019	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 16, 2019	1.20	1.34	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 16, 2019	0.80	0.89	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 16, 2019	0.74	0.83	0.74	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 16, 2019	1.20	1.34	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 16, 2019	0.80	0.89	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jul 16, 2019	0.80	0.89	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Jul 16, 2019	0.80	0.89	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 16, 2019	0.55	0.61	0.55	100.0%
18840731	44	1132	MOORE	13132050	4	Jul 16, 2019	0.76	0.85	0.76	100.0%

18840731	44	1131	MOORE	13132050	4	Jul 16, 2019	0.80	0.89	0.80	100.0%
18840831	533	421	MOORE	13132050	4	Jul 16, 2019	0.14	0.16	0.14	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 16, 2019	0.20	0.22	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 16, 2019	0.58	0.65	0.58	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 16, 2019	1.31	1.46	1.31	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.50	0.56	0.50	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.40	0.45	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.44	0.49	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.40	0.45	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 16, 2019	3.20	3.57	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 16, 2019	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 16, 2019	0.40	0.40	0.40	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 16, 2019	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Jul 16, 2019	0.80	0.80	0.80	100.0%
18841012	205	2067	BECK	13130525	4	Jul 16, 2019	1.76	1.96	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Jul 16, 2019	0.31	0.35	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 16, 2019	1.25	1.40	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Jul 16, 2019	0.58	0.65	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 16, 2019	0.89	0.99	0.89	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 16, 2019	0.81	0.81	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 16, 2019	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 16, 2019	0.74	0.74	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 16, 2019	3.30	3.30	3.30	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 16, 2019	2.78	2.78	2.78	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 16, 2019	0.41	0.41	0.41	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jul 16, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 16, 2019	0.65	0.65	0.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jul 16, 2019	0.61	0.61	0.61	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 16, 2019	2.00	2.00	2.00	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 16, 2019	1.10	1.10	1.10	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 16, 2019	0.79	0.79	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 16, 2019	1.65	1.65	1.65	100.0%
18850501	423	186	ARCO	13132365	2	Jul 16, 2019	0.26	0.42	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Jul 16, 2019	0.20	0.32	0.20	100.0%
18850501	468	59	ARCO	13132365	2	Jul 16, 2019	0.74	1.20	0.74	100.0%
18850501	426	887	ARCO	13132365	2	Jul 16, 2019	0.64	1.04	0.64	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 16, 2019	0.20	0.22	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 16, 2019	0.24	0.27	0.24	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 16, 2019	1.80	2.01	1.80	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jul 16, 2019	2.00	2.23	2.00	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 16, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 16, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.20	0.22	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.20	0.22	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	1.40	1.56	1.40	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 16, 2019	0.30	0.33	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jul 16, 2019	1.14	1.27	1.14	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 16, 2019	0.56	0.63	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 16, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 16, 2019	1.37	1.37	1.37	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 16, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 16, 2019	0.11	0.11	0.11	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 16, 2019	1.56	1.74	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 16, 2019	0.04	0.05	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	2.80	3.13	2.80	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jul 16, 2019	2.00	2.00	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 16, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 16, 2019	0.40	0.45	0.40	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 16, 2019	1.20	1.34	1.20	100.0%
18850601	15	859	MOORE	13132050	4	Jul 16, 2019	0.50	0.56	0.50	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Jul 16, 2019	0.64	0.64	0.64	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jul 16, 2019	1.66	1.66	1.66	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Jul 16, 2019	0.80	0.80	0.80	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 16, 2019	2.60	2.60	2.60	100.0%

18850601	544	2205	SHARP	13126500	6	Jul 16, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Jul 16, 2019	1.16	1.16	1.16	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 16, 2019	0.28	0.28	0.28	100.0%
18851002	468	61	ARCO	13132365	2	Jul 16, 2019	3.60	5.83	3.60	100.0%
18851002	318	817	MUNSEY	13132375	2	Jul 16, 2019	0.80	1.30	0.80	100.0%
18851002	318	545	MUNSEY	13132375	2	Jul 16, 2019	0.75	1.21	0.75	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 16, 2019	2.73	2.73	2.73	100.0%
18860501	305	927	3IN1	13130605	4	Jul 16, 2019	1.60	1.79	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 16, 2019	2.80	3.13	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jul 16, 2019	1.20	1.34	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 16, 2019	5.36	5.98	5.36	100.0%
18860512	96	459	MOORE	13132050	4	Jul 16, 2019	0.48	0.54	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 16, 2019	0.18	0.20	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 16, 2019	0.01	0.01	0.01	100.0%
18860512	263	398	MOORE	13132050	4	Jul 16, 2019	0.18	0.20	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	1.77	1.98	1.77	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 16, 2019	0.20	0.22	0.20	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 16, 2019	2.40	2.68	2.40	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 16, 2019	0.09	0.10	0.09	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	1.60	1.79	1.60	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	1.00	1.12	1.00	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	1.24	1.38	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	Jul 16, 2019	1.60	1.60	1.60	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jul 16, 2019	0.50	0.50	0.50	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	1.00	1.12	1.00	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.80	0.89	0.80	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.10	0.11	0.10	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jul 16, 2019	1.31	1.31	1.31	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 16, 2019	0.85	0.85	0.85	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 16, 2019	1.82	1.82	1.82	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 16, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 16, 2019	3.32	3.32	3.32	100.0%
18860901	180	2	MUNSEY	13132375	2	Jul 16, 2019	0.84	1.36	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 16, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 16, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 16, 2019	0.34	0.34	0.34	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 16, 2019	3.20	3.57	3.20	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 16, 2019	1.60	1.79	1.60	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 16, 2019	0.80	0.89	0.80	100.0%
18870313	70	337	MOORE	13132050	4	Jul 16, 2019	0.23	0.26	0.23	100.0%
18870313	459	338	MOORE	13132050	4	Jul 16, 2019	0.42	0.47	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Jul 16, 2019	0.70	0.78	0.70	100.0%
18870313	459	682	MOORE	13132050	4	Jul 16, 2019	0.65	0.73	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	Jul 16, 2019	0.80	0.80	0.80	100.0%
18870313	73	2028	BURNETT	13127750	5	Jul 16, 2019	1.05	1.05	1.05	100.0%
18870313	73	2029	BURNETT	13127750	5	Jul 16, 2019	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 16, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 16, 2019	2.82	2.82	2.82	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 16, 2019	3.20	5.18	3.20	100.0%
18870601	468	893	ARCO	13132365	2	Jul 16, 2019	1.40	2.27	1.40	100.0%
18870601	423	76	ARCO	13132365	2	Jul 16, 2019	0.22	0.36	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 16, 2019	1.80	2.91	1.80	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jul 16, 2019	0.50	0.81	0.50	100.0%
18870601	19	892	MUNSEY	13132375	2	Jul 16, 2019	1.20	1.94	1.20	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 16, 2019	1.00	1.12	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 16, 2019	3.20	3.57	3.20	100.0%
18870601	252	353	DARLINGTON	13127735	5	Jul 16, 2019	0.43	0.43	0.43	100.0%
18870601	73	2022	BURNETT	13127750	5	Jul 16, 2019	1.11	1.11	1.11	100.0%
18870601	73	2023	BURNETT	13127750	5	Jul 16, 2019	0.69	0.69	0.69	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 16, 2019	0.92	0.92	0.92	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 16, 2019	0.79	0.79	0.79	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 16, 2019	0.25	0.25	0.25	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 16, 2019	1.24	1.24	1.24	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 16, 2019	0.12	0.12	0.12	100.0%

18870601	317	941	No Tellum 2	13123070	8	Jul 16, 2019	0.08	0.08	0.08	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 16, 2019	0.80	0.80	0.80	100.0%
18870701	423	656	ARCO	13132365	2	Jul 16, 2019	0.50	0.81	0.50	100.0%
18870701	423	102	ARCO	13132365	2	Jul 16, 2019	1.60	2.59	1.60	100.0%
18870801	73	2017	BURNETT	13127750	5	Jul 16, 2019	0.38	0.38	0.38	100.0%
18870801	623	2203	BURNETT	13127750	5	Jul 16, 2019	0.53	0.53	0.53	100.0%
18870801	119	1166	BURNETT	13127750	5	Jul 16, 2019	0.27	0.27	0.27	100.0%
18870801	73	2016	BURNETT	13127750	5	Jul 16, 2019	0.62	0.62	0.62	100.0%
18870831	119	1154	BURNETT	13127750	5	Jul 16, 2019	1.20	1.20	1.20	100.0%
18870831	623	2201	BURNETT	13127750	5	Jul 16, 2019	1.20	1.20	1.20	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 16, 2019	0.54	0.54	0.54	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 16, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 16, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 16, 2019	0.43	0.43	0.43	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.70	0.78	0.70	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 16, 2019	0.98	0.98	0.98	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 16, 2019	0.62	0.62	0.62	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 16, 2019	0.98	0.98	0.98	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 16, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 16, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 16, 2019	0.40	0.65	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 16, 2019	0.81	0.81	0.81	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 16, 2019	0.64	0.64	0.64	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 16, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 16, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 16, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	KENT	13120605	9	Jul 16, 2019	0.83	0.83	0.83	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 16, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 16, 2019	0.77	0.77	0.77	100.0%
18890410	294	1027	DARLINGTON	13127735	5	Jul 16, 2019	0.30	0.30	0.30	100.0%
18890410	684	1025	DARLINGTON	13127735	5	Jul 16, 2019	0.08	0.08	0.08	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 16, 2019	1.52	1.52	1.52	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Jul 16, 2019	1.05	1.05	1.05	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Jul 16, 2019	0.27	0.27	0.27	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 16, 2019	1.12	1.25	1.12	100.0%
18890601	463	1396	MOORE	13132050	4	Jul 16, 2019	0.20	0.22	0.20	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 16, 2019	0.35	0.39	0.35	100.0%
18890601	441	205	MOORE	13132050	4	Jul 16, 2019	0.97	1.08	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 16, 2019	0.50	0.56	0.50	100.0%
18890601	623	2174	BURNETT	13127750	5	Jul 16, 2019	0.80	0.80	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 16, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 16, 2019	2.00	2.00	2.00	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 16, 2019	2.70	2.70	2.70	100.0%
18890601	119	996	BURNETT	13127750	5	Jul 16, 2019	0.40	0.40	0.40	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 16, 2019	0.80	0.80	0.80	100.0%
18900601	426	756	ARCO	13132365	2	Jul 16, 2019	0.57	0.92	0.57	100.0%
18900601	372	886	ARCO	13132365	2	Jul 16, 2019	0.59	0.96	0.59	100.0%
18900601	48	1023	MUNSEY	13132375	2	Jul 16, 2019	3.60	5.83	3.60	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 16, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 16, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 16, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 16, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 16, 2019	0.24	0.24	0.24	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 16, 2019	0.60	0.67	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 16, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 16, 2019	5.20	5.20	5.20	100.0%
18920101	2615	1643	MOORE	13132050	4	Jul 16, 2019	1.17	1.31	1.17	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 16, 2019	0.28	0.31	0.28	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jul 16, 2019	0.80	0.89	0.80	100.0%
18920501	468	60	ARCO	13132365	2	Jul 16, 2019	1.34	2.17	1.34	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 16, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 16, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jul 16, 2019	0.22	0.25	0.22	100.0%
18930201	158	538	MOORE	13132050	4	Jul 16, 2019	0.03	0.03	0.03	100.0%

18930201	459	1423	MOORE	13132050	4	Jul 16, 2019	0.30	0.33	0.30	100.0%
18930201	414	1865	MOORE	13132050	4	Jul 16, 2019	0.30	0.33	0.30	100.0%
18930201	463	1423	MOORE	13132050	4	Jul 16, 2019	0.30	0.33	0.30	100.0%
18930323	77	688	MOORE	13132050	4	Jul 16, 2019	1.50	1.67	1.50	100.0%
18930323	77	366	MOORE	13132050	4	Jul 16, 2019	1.60	1.79	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 16, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 16, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	KENT	13120605	9	Jul 16, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	KENT	13120605	9	Jul 16, 2019	0.60	0.60	0.60	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 16, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 16, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 16, 2019	0.03	0.03	0.03	100.0%
18940310	357	15	BURNETT	13127750	5	Jul 16, 2019	2.94	2.94	2.94	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 16, 2019	2.18	2.18	2.18	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 16, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 16, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 16, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 16, 2019	2.00	2.00	2.00	100.0%
18940521	463	933	MOORE	13132050	4	Jul 16, 2019	0.80	0.89	0.80	100.0%
18940531	5	776	MOORE	13132050	4	Jul 16, 2019	0.20	0.22	0.20	100.0%
18940531	77	800	MOORE	13132050	4	Jul 16, 2019	0.74	0.83	0.74	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 16, 2019	3.20	5.18	3.20	100.0%
18940601	158	536	MOORE	13132050	4	Jul 16, 2019	0.02	0.02	0.02	100.0%
18940601	417	379	MOORE	13132050	4	Jul 16, 2019	0.15	0.17	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	1.16	1.29	1.16	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 16, 2019	0.11	0.11	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	Jul 16, 2019	1.60	1.60	1.60	100.0%
18940601	139	713	BURNETT	13127750	5	Jul 16, 2019	0.80	0.80	0.80	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 16, 2019	0.10	0.10	0.10	100.0%
18940601	284	229	SHARP	13126500	6	Jul 16, 2019	0.19	0.19	0.19	100.0%
18940601	2525	1904	SHARP	13126500	6	Jul 16, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 16, 2019	1.20	1.20	1.20	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jul 16, 2019	0.38	0.38	0.38	100.0%
18940926	252	357	DARLINGTON	13127735	5	Jul 16, 2019	0.30	0.30	0.30	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 16, 2019	3.20	3.20	3.20	100.0%
18950601	158	534	MOORE	13132050	4	Jul 16, 2019	0.01	0.01	0.01	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 16, 2019	0.80	0.89	0.80	100.0%
18950601	242	212	MOORE	13132050	4	Jul 16, 2019	0.11	0.12	0.11	100.0%
18950601	417	378	MOORE	13132050	4	Jul 16, 2019	0.10	0.11	0.10	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.40	0.45	0.40	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.80	0.89	0.80	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 16, 2019	2.40	2.40	2.40	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 16, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 16, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jul 16, 2019	2.38	2.66	2.38	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 16, 2019	2.62	2.62	2.62	100.0%
18960302	309	873	MOORE	13132050	4	Jul 16, 2019	0.25	0.28	0.25	100.0%
18960302	402	872	MOORE	13132050	4	Jul 16, 2019	0.25	0.28	0.25	100.0%
18960327	29	839	MOORE	13132050	4	Jul 16, 2019	1.60	1.79	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 16, 2019	2.45	2.45	2.45	100.0%
18960601	441	207	MOORE	13132050	4	Jul 16, 2019	1.00	1.12	1.00	100.0%
18960601	406	65	MOORE	13132050	4	Jul 16, 2019	0.30	0.33	0.30	100.0%
18960601	463	128	MOORE	13132050	4	Jul 16, 2019	0.08	0.09	0.08	100.0%
18960601	459	993	MOORE	13132050	4	Jul 16, 2019	0.40	0.45	0.40	100.0%
18960601	417	381	MOORE	13132050	4	Jul 16, 2019	2.40	2.68	2.40	100.0%
18960601	417	992	MOORE	13132050	4	Jul 16, 2019	1.20	1.34	1.20	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 16, 2019	0.02	0.02	0.02	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 16, 2019	0.03	0.03	0.03	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 16, 2019	0.60	0.67	0.60	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 16, 2019	1.57	1.75	1.57	100.0%
18960601	533	424	MOORE	13132050	4	Jul 16, 2019	0.11	0.12	0.11	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 16, 2019	0.40	0.45	0.40	100.0%
18960601	263	399	MOORE	13132050	4	Jul 16, 2019	0.27	0.30	0.27	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 16, 2019	0.44	0.49	0.44	100.0%

18960601	85	1521	MOORE	13132050	4	Jul 16, 2019	0.23	0.26	0.23	100.0%
18960601	158	540	MOORE	13132050	4	Jul 16, 2019	0.32	0.36	0.32	100.0%
18960601	309	877	MOORE	13132050	4	Jul 16, 2019	0.08	0.09	0.08	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 16, 2019	1.22	1.36	1.22	100.0%
18960601	263	397	MOORE	13132050	4	Jul 16, 2019	0.35	0.39	0.35	100.0%
18960601	402	876	MOORE	13132050	4	Jul 16, 2019	0.08	0.09	0.08	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 16, 2019	2.40	2.68	2.40	100.0%
18960601	15	1106	MOORE	13132050	4	Jul 16, 2019	1.17	1.31	1.17	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 16, 2019	0.40	0.45	0.40	100.0%
18960601	96	461	MOORE	13132050	4	Jul 16, 2019	0.73	0.81	0.73	100.0%
18960601	96	457	MOORE	13132050	4	Jul 16, 2019	0.92	1.03	0.92	100.0%
18960601	668	1562	LOWER EASTSIDE &	13132291	4	Jul 16, 2019	0.36	0.40	0.36	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 16, 2019	0.41	0.46	0.41	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jul 16, 2019	0.80	0.89	0.80	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.04	0.04	0.04	100.0%
18960601	634	1547	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.06	0.07	0.06	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.04	0.04	0.04	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 16, 2019	0.70	0.78	0.70	100.0%
18960601	252	359	DARLINGTON	13127735	5	Jul 16, 2019	0.89	0.89	0.89	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jul 16, 2019	1.15	1.15	1.15	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 16, 2019	6.40	6.40	6.40	100.0%
18960630	660	1634	DARLINGTON	13127735	5	Jul 16, 2019	0.98	0.98	0.98	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 16, 2019	2.00	3.24	2.00	100.0%
18960801	252	363	DARLINGTON	13127735	5	Jul 16, 2019	0.42	0.42	0.42	100.0%
18960801	280	1186	SHARP	13126500	6	Jul 16, 2019	0.38	0.38	0.38	100.0%
18960801	544	2206	SHARP	13126500	6	Jul 16, 2019	0.48	0.48	0.48	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 16, 2019	1.97	3.19	1.97	100.0%
18960928	90	46	MUNSEY	13132375	2	Jul 16, 2019	1.00	1.62	1.00	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 16, 2019	0.03	0.05	0.03	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 16, 2019	4.40	7.12	4.40	100.0%
18960928	319	1175	MUNSEY	13132375	2	Jul 16, 2019	0.07	0.11	0.07	100.0%
18970510	47	667	DARLINGTON	13127735	5	Jul 16, 2019	1.70	1.70	1.70	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 16, 2019	3.44	3.44	3.44	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 16, 2019	6.10	6.10	6.10	100.0%
18970510	411	674	DARLINGTON	13127735	5	Jul 16, 2019	2.80	2.80	2.80	100.0%
18970510	73	2019	BURNETT	13127750	5	Jul 16, 2019	0.58	0.58	0.58	100.0%
18970510	73	2018	BURNETT	13127750	5	Jul 16, 2019	0.92	0.92	0.92	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 16, 2019	2.00	2.00	2.00	100.0%
18970531	589	1312	BURNETT	13127750	5	Jul 16, 2019	1.72	1.72	1.72	100.0%
18970601	533	427	MOORE	13132050	4	Jul 16, 2019	0.03	0.03	0.03	100.0%
18970601	306	1696	MOORE	13132050	4	Jul 16, 2019	0.16	0.18	0.16	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 16, 2019	3.20	3.20	3.20	100.0%
18970615	306	1697	MOORE	13132050	4	Jul 16, 2019	0.16	0.18	0.16	100.0%
18970615	242	214	MOORE	13132050	4	Jul 16, 2019	0.22	0.25	0.22	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 16, 2019	0.13	0.15	0.13	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jul 16, 2019	0.24	0.27	0.24	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 16, 2019	2.22	2.22	2.22	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.65	0.73	0.65	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.65	0.73	0.65	100.0%
18980601	634	1548	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.14	0.16	0.14	100.0%
18980601	322	814	BURNETT	13127750	5	Jul 16, 2019	1.60	1.60	1.60	100.0%
18980601	336	984	BURNETT	13127750	5	Jul 16, 2019	0.40	0.40	0.40	100.0%
18980901	268	562	ARCO	13132365	2	Jul 16, 2019	1.57	2.54	1.57	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 16, 2019	0.54	0.60	0.54	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 16, 2019	0.60	0.67	0.60	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 16, 2019	0.01	0.01	0.01	100.0%
18990327	187	1873	MOORE	13132050	4	Jul 16, 2019	0.07	0.07	0.07	100.0%
18990327	187	1874	MOORE	13132050	4	Jul 16, 2019	0.01	0.01	0.01	100.0%
18990327	14	2062	MOORE	13132050	4	Jul 16, 2019	0.01	0.01	0.01	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 16, 2019	0.21	0.23	0.21	100.0%
18990327	180	468	MOORE	13132050	4	Jul 16, 2019	0.05	0.06	0.05	100.0%
18990327	433	272	MOORE	13132050	4	Jul 16, 2019	0.19	0.21	0.19	100.0%
18990327	219	549	MOORE	13132050	4	Jul 16, 2019	0.29	0.32	0.29	100.0%
18990327	113	584	MOORE	13132050	4	Jul 16, 2019	0.03	0.03	0.03	100.0%

18990509	442	1364	MUNSEY	13132375	2	Jul 16, 2019	2.80	4.53	2.80	100.0%
18990518	73	2030	BURNETT	13127750	5	Jul 16, 2019	0.25	0.25	0.25	100.0%
18990518	73	2031	BURNETT	13127750	5	Jul 16, 2019	0.15	0.15	0.15	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 16, 2019	0.03	0.03	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 16, 2019	0.41	0.46	0.41	100.0%
18990601	2612	2137	SWAUGER	13127600	5	Jul 16, 2019	0.22	0.22	0.22	100.0%
18990601	360	704	BURNETT	13127750	5	Jul 16, 2019	1.20	1.20	1.20	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 16, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 16, 2019	2.74	2.74	2.74	100.0%
18990801	381	48	DARLINGTON	13127735	5	Jul 16, 2019	1.02	1.02	1.02	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jul 16, 2019	0.80	1.30	0.80	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 16, 2019	0.57	0.57	0.57	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 16, 2019	0.46	0.46	0.46	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 16, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 16, 2019	0.21	0.21	0.21	100.0%
19000323	77	44	MOORE	13132050	4	Jul 16, 2019	3.00	3.35	3.00	100.0%
19000924	318	543	MUNSEY	13132375	2	Jul 16, 2019	1.04	1.68	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 16, 2019	6.40	6.40	6.40	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.20	0.22	0.20	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 16, 2019	3.20	3.20	3.20	100.0%
19010901	319	1512	MUNSEY	13132375	2	Jul 16, 2019	0.43	0.70	0.43	100.0%
19010901	70	339	MOORE	13132050	4	Jul 16, 2019	0.12	0.13	0.12	100.0%
19010901	459	684	MOORE	13132050	4	Jul 16, 2019	0.35	0.39	0.35	100.0%
19010901	459	340	MOORE	13132050	4	Jul 16, 2019	0.23	0.26	0.23	100.0%
19010901	73	2024	BURNETT	13127750	5	Jul 16, 2019	0.16	0.16	0.16	100.0%
19010901	73	2025	BURNETT	13127750	5	Jul 16, 2019	0.10	0.10	0.10	100.0%
19011001	96	455	MOORE	13132050	4	Jul 16, 2019	0.30	0.33	0.30	100.0%
19011001	263	396	MOORE	13132050	4	Jul 16, 2019	0.14	0.16	0.14	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 16, 2019	0.01	0.01	0.01	100.0%
19011102	426	1159	ARCO	13132365	2	Jul 16, 2019	1.32	2.14	1.32	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 16, 2019	2.36	2.36	2.36	100.0%
19020115	442	2143	MUNSEY	13132375	2	Jul 16, 2019	3.20	5.18	3.20	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.20	0.22	0.20	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.20	0.22	0.20	100.0%
19020301	15	81	MOORE	13132050	4	Jul 16, 2019	0.48	0.54	0.48	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 16, 2019	0.31	0.34	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.44	0.49	0.44	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 16, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 16, 2019	0.90	0.90	0.90	100.0%
19020301	307	834	CHILLY	13121105	9	Jul 16, 2019	0.25	0.25	0.25	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 16, 2019	3.40	3.40	3.40	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 16, 2019	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 16, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 16, 2019	3.20	3.20	3.20	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 16, 2019	3.85	3.85	3.85	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 16, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 16, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 16, 2019	2.70	3.01	2.70	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 16, 2019	1.30	1.30	1.30	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 16, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 16, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jul 16, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 16, 2019	1.35	1.35	1.35	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 16, 2019	1.08	1.08	1.08	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 16, 2019	0.46	0.46	0.46	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 16, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 16, 2019	0.24	0.24	0.24	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 16, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 16, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 16, 2019	1.60	1.79	1.60	100.0%
19040601	220	1828	DARLINGTON	13127735	5	Jul 16, 2019	0.79	0.79	0.79	100.0%
19040601	492	1146	DARLINGTON	13127735	5	Jul 16, 2019	0.04	0.04	0.04	100.0%
19040601	139	1148	DARLINGTON	13127735	5	Jul 16, 2019	0.20	0.20	0.20	100.0%
19040601	139	731	DARLINGTON	13127735	5	Jul 16, 2019	0.60	0.60	0.60	100.0%

19040601	279	2127	Anderson	13120745	9	Jul 16, 2019	0.42	0.42	0.42	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jul 16, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 16, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 16, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 16, 2019	0.13	0.13	0.13	100.0%
19050501	59	784	KENT	13120605	9	Jul 16, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 16, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	KENT	13120605	9	Jul 16, 2019	0.45	0.45	0.45	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jul 16, 2019	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jul 16, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 16, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	BITTON	13120735	9	Jul 16, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 16, 2019	0.44	0.44	0.44	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 16, 2019	0.34	0.34	0.34	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 16, 2019	0.27	0.27	0.27	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 16, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 16, 2019	0.40	0.40	0.40	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 16, 2019	0.82	0.82	0.82	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 16, 2019	1.52	1.52	1.52	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 16, 2019	1.30	1.30	1.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 16, 2019	0.65	0.65	0.65	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 16, 2019	0.50	0.50	0.50	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 16, 2019	0.12	0.12	0.12	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 16, 2019	0.10	0.10	0.10	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 16, 2019	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 16, 2019	0.58	0.58	0.58	100.0%
19050501	364	690	CHILLY	13121105	9	Jul 16, 2019	1.10	1.10	1.10	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 16, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 16, 2019	0.78	0.78	0.78	100.0%
19060501	185	392	3IN1	13130605	4	Jul 16, 2019	0.19	0.21	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	Jul 16, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 16, 2019	0.42	0.42	0.42	99.5%
19070711	59	786	KENT	13120605	9	Jul 16, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	KENT	13120605	9	Jul 16, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	KENT	13120605	9	Jul 16, 2019	0.22	0.22	0.22	100.0%
19070711	2610	2094	BITTON	13120735	9	Jul 16, 2019	0.22	0.22	0.22	100.0%
19070711	59	786	BITTON	13120735	9	Jul 16, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	BITTON	13120735	9	Jul 16, 2019	0.55	0.55	0.55	100.0%
19080709	475	1098	BURNETT	13127750	5	Jul 16, 2019	2.00	2.00	2.00	100.0%
19080715	364	692	CHILLY	13121105	9	Jul 16, 2019	0.50	0.50	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jul 16, 2019	0.17	0.19	0.17	100.0%
19081207	459	1080	MOORE	13132050	4	Jul 16, 2019	0.50	0.56	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jul 16, 2019	0.33	0.37	0.33	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 16, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 16, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 16, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 16, 2019	0.78	0.78	0.78	100.0%
19110517	442	2159	MUNSEY	13132375	2	Jul 16, 2019	0.90	1.46	0.90	100.0%
19120227	364	954	CHILLY	13121105	9	Jul 16, 2019	0.70	0.70	0.70	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 16, 2019	0.50	0.50	0.50	100.0%
19120415	442	2160	MUNSEY	13132375	2	Jul 16, 2019	0.90	1.46	0.90	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 16, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 16, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 16, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jul 16, 2019	2.40	2.40	2.40	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 16, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 16, 2019	1.70	1.70	1.70	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.02	0.02	0.02	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jul 16, 2019	0.13	0.15	0.13	100.0%
19130124	29	50	MOORE	13132050	4	Jul 16, 2019	1.56	1.74	1.56	100.0%
19130517	170	1416	MOORE	13132050	4	Jul 16, 2019	0.80	0.89	0.80	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 16, 2019	0.82	0.82	0.82	100.0%
19140103	59	2233	KENT	13120605	9	Jul 16, 2019	0.48	0.48	0.48	100.0%
19140103	59	1361	KENT	13120605	9	Jul 16, 2019	0.04	0.04	0.04	100.0%

19140103	59	1361	BITTON	13120735	9	Jul 16, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 16, 2019	0.48	0.48	0.48	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 16, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 16, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 16, 2019	0.80	0.80	0.80	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 16, 2019	0.12	0.12	0.12	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 16, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 16, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Jul 16, 2019	2.31	2.31	2.31	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 16, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 16, 2019	0.85	0.85	0.85	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 16, 2019	0.68	0.68	0.68	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 16, 2019	1.99	1.99	1.99	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 16, 2019	4.26	4.26	4.26	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 16, 2019	0.02	0.02	0.02	100.0%
19200601	150	217	MUNSEY	13132375	2	Jul 16, 2019	0.79	1.28	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	Jul 16, 2019	0.01	0.02	0.01	100.0%
19240806	417	695	MOORE	13132050	4	Jul 16, 2019	0.50	0.56	0.50	100.0%
19280501	12	165	MOORE	13132050	4	Jul 16, 2019	0.30	0.33	0.30	100.0%
19540821	2526	717	MUNSEY	13132375	2	Jul 16, 2019	1.20	1.94	1.20	100.0%
19600501	90	175	MOORE	13132050	4	Jul 16, 2019	0.44	0.49	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jul 16, 2019	0.11	0.12	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jul 16, 2019	4.90	5.47	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jul 16, 2019	0.02	0.03	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jul 16, 2019	4.40	7.12	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 16, 2019	16.00	25.90	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jul 16, 2019	1.00	1.62	1.00	100.0%
19800501	47	168	DARLINGTON	13127735	5	Jul 16, 2019	4.60	4.60	4.60	100.0%
19810501	566	1684	MOORE	13132050	4	Jul 16, 2019	0.82	0.91	0.82	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jul 16, 2019	9969.40	9969.40	113.29	1.1%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 17, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 17	543.0	3.0	0.0	546.0	0.00	546.0	3.0	0.0	0.0	543.0	0.0	0.0
9	Howell to Chilly	Jul 17	352.0	101.2	0.0	-89.8	0.17	456.2	97.0	4.3	0.0	356.3	-4.3	0.0
8	Chilly to Reservoir	* Jul 17	513.6	60.5	0.0	222.1	0.00	678.4	54.8	5.7	0.0	523.6	-10.0	0.0
	Connected													
7	Mackay Reservoir	* Jul 17	555.0	0.0	0.0	0.0	0.00	717.1	87.2		0.0	436.5	118.5	0.0
6	Reservoir to 2B	Jul 17	544.0	11.0	0.0	0.0	0.00	678.4	10.1	0.9	0.0	426.3	117.7	0.0
5	2B to Leslie	Jul 17	408.0	174.7	0.0	38.7	0.00	717.1	144.4	30.3	0.0	320.6	87.4	0.0
4	Leslie to Moore	Jul 17	130.2	218.6	0.0	-59.2	0.15	717.1	169.5	49.1	0.0	104.6	25.6	0.0
2	Moore to blw Munsey	Jul 17	7.6	86.0	0.0	-36.6	0.28	717.1	75.2	10.8	0.0	0.0	7.6	0.0
1	Blw Munsey to Arco	Jul 17	9.9	0.0	0.0	2.3	0.00	719.3	0.0	0.0	0.0	2.3	7.6	0.0
								TOTAL	641.1	101.1	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 17	0.0	0.0		20180101	1%
9	Howell to Chilly	Jul 17	0.0	0.0		20180101	1%
8	Chilly to Reservoir	Jul 17	0.0	0.0		20180101	1%
	Connected						
7	Mackay Reservoir	Jul 17	0.0	0.0		20180101	1%
6	Reservoir to 2B	Jul 17	0.0	0.0		20180101	1%
5	2B to Leslie	Jul 17	0.0	0.0		20180101	1%
4	Leslie to Moore	Jul 17	46.5	12.7		20180101	1%
2	Moore to blw Munsey	Jul 17	29.4	7.2		20180101	1%
1	Blw Munsey to Arco	Jul 17	0.0	0.0		20180101	1%
		TOTAL	75.9	19.9	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	495.1
2	18810630	1.7	294.0	263.0
3	18880601	3.2	556.5	495.1
4	18960601	6.4	1113.0	990.2
5	19020301	0.8	140.0	123.8
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	71877.4
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118095.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44330.0	44220.0	-110.0	-55.5	14.1

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74244.5
Total Storage Loss	-39894.3
Total Storage Deliver	-17690.8
Total Evaporation	-1309.7
Accounting Balance	44219.7
Current Res Content	44220.0
Storage Balance Error	-0.3

DAILY STORAGE BALANCE

```
 44330.0 Reservoir Content Previous Day [ac-ft]
 44220.0 Reservoir Content Current Day [ac-ft]
  -110.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------------
           172.9 Storage Allocated to Mackay Reservoir [ac-ft]

           -54.5 Stored Flow Losses [ac-ft]
                 0.0 2B to Leslie [cfs]
               -12.7 Leslie to Moore [cfs]
                -7.2 Moore blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
                -7.6 Past Arco Gage [cfs]

          -200.5 Storage Delivered [ac-ft]
                10.0 Above Reservoir [cfs]
                 0.9 Reservoir to 2B [cfs]
                30.3 2B to Leslie [cfs]
                49.1 Leslie to Moore [cfs]
                10.8 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

           -28.0 Evaporation [ac-ft]

  -110.1 Accounting Change in Storage [ac-ft]
-------------------------------------------------------------
    -0.1 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   513.6 Gain in/above Mackay Reservoir [cfs]
    38.7 Gain in Reach 5: 2-B to Leslie [cfs]
     0.0 Gain in Reach 4: Leslie to Moore [cfs]
     0.0 Gain in Reach 2: Moore to Munsey [cfs]
     2.3 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------------
   554.6 Total Available Natural Flow [cfs]
-------------------------------------------------------------
            87.2 Reservoir Rights Diverted [cfs]

            78.2 Natural Flow Losses below Reservoir [cfs]
                 0.0 2B to Leslie [cfs]
                46.5 Leslie to Moore [cfs]
                29.4 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]
                 2.3 Natural Flow Past Arco Gage [cfs]

           389.2 Natural Flow Delivered [cfs]
               -10.0 Above Reservoir Storage Use [cfs]
                10.1 Reservoir to 2B [cfs]
               144.4 2B to Leslie [cfs]
               169.5 Leslie to Moore [cfs]
                75.2 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

   554.6 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------------
     0.0 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	10.9	545
Eastside Felton Wier +	76.8	3840
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	87.7	4385
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.4	72
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	7.3	364
Eastside R Reynolds Delivery +	3.6	180
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	1.5	77
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.1	155
Island Wanstrom David +	0.0	0
Eastside OUT	67.2	3360
Total Out	84.2	4208

Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.96

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 96.0%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 67.2 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 70.0 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 119.3%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 58.7 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 41.3 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 117.5%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 114.4%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 17, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	2.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.0	0.9	22.2
9	BITTON	5.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	5.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	28.3	6.6	381.8
9	Thalman Hunter D	4.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	59.9	6.6	774.0
9	NEILSEN	48.2	4.3	553.3	8	Smith Pumps	2.0	0.0	6.0	5	BURNETT	86.5	17.1	1510.9
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	29.0	0.0	0.0	8	Broken River Pum	2.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	12.3	8.8	783.1
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	1.5	0.0	0.0	4	PEHRSON	4.0	4.0	482.0
8	Donahue 1	0.8	0.7	117.9	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	12.0	4.2	34.3
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	273.7
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	8.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	147.0	32.0	3167.4
8	Mtn. Springs 1	0.0	5.0	541.3	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	41.3	0.0	8236.4
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	30.6	10.2	1120.8
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	55.4	0.6	473.6
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	5.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	4.0	491.9	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 17, 2019	4.00	4.00	4.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 17, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 17, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 17, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 17, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 17, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 17, 2019	1.92	1.92	1.92	100.0%
18820601	317	939	No Tellum 2	13123070	8	Jul 17, 2019	1.28	1.28	1.28	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 17, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jul 17, 2019	2.00	2.00	2.00	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 17, 2019	0.79	0.92	0.79	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 17, 2019	0.27	0.32	0.27	100.0%
18830601	221	855	MOORE	13132050	4	Jul 17, 2019	1.60	1.87	1.60	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 17, 2019	1.54	1.80	1.54	100.0%
18830601	224	854	MOORE	13132050	4	Jul 17, 2019	2.88	3.37	2.88	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 17, 2019	1.13	1.32	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 17, 2019	1.73	2.02	1.73	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 17, 2019	0.01	0.01	0.01	100.0%
18830810	96	449	MOORE	13132050	4	Jul 17, 2019	0.48	0.56	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 17, 2019	0.18	0.21	0.18	100.0%
18830810	263	393	MOORE	13132050	4	Jul 17, 2019	0.18	0.21	0.18	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.43	0.50	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.21	0.25	0.21	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.21	0.25	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 17, 2019	1.32	1.54	1.32	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 17, 2019	0.14	0.16	0.14	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Jul 17, 2019	1.62	1.62	1.62	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 17, 2019	0.07	0.07	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 17, 2019	1.55	1.55	1.55	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Jul 17, 2019	0.12	0.12	0.12	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 17, 2019	1.12	1.12	1.12	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 17, 2019	2.17	2.17	2.17	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 17, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 17, 2019	0.55	0.55	0.55	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 17, 2019	0.96	0.96	0.96	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 17, 2019	1.44	1.44	1.44	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 17, 2019	0.14	0.14	0.14	100.0%
18840422	492	1291	DARLINGTON	13127735	5	Jul 17, 2019	0.14	0.14	0.14	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 17, 2019	0.20	0.20	0.20	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 17, 2019	2.00	2.00	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 17, 2019	0.50	0.50	0.50	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 17, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 17, 2019	0.21	0.21	0.21	100.0%
18840422	284	228	SHARP	13126500	6	Jul 17, 2019	0.13	0.13	0.13	100.0%
18840422	397	10	SHARP	13126500	6	Jul 17, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Jul 17, 2019	2.45	2.45	2.45	100.0%
18840422	544	2189	SHARP	13126500	6	Jul 17, 2019	1.00	1.00	1.00	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 17, 2019	0.64	0.64	0.64	100.0%
18840422	2525	1903	SHARP	13126500	6	Jul 17, 2019	0.08	0.08	0.08	100.0%
18840422	24	120	SHARP	13126500	6	Jul 17, 2019	0.08	0.08	0.08	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 17, 2019	0.12	0.12	0.12	100.0%
18840423	280	1860	SHARP	13126500	6	Jul 17, 2019	0.50	0.50	0.50	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 17, 2019	0.77	0.77	0.77	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 17, 2019	1.60	1.60	1.60	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 17, 2019	0.80	0.80	0.80	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 17, 2019	1.23	1.23	1.23	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 17, 2019	0.40	0.40	0.40	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 17, 2019	0.40	0.40	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 17, 2019	0.22	0.22	0.22	100.0%

18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 17, 2019	1.80	1.80	1.80	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 17, 2019	0.02	0.02	0.02	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 17, 2019	2.14	2.50	2.14	100.0%
18840520	113	585	MOORE	13132050	4	Jul 17, 2019	0.11	0.13	0.11	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 17, 2019	0.78	0.91	0.78	100.0%
18840520	14	2002	MOORE	13132050	4	Jul 17, 2019	0.02	0.02	0.02	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 17, 2019	2.24	2.62	2.24	100.0%
18840520	14	2061	MOORE	13132050	4	Jul 17, 2019	0.04	0.05	0.04	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 17, 2019	0.22	0.26	0.22	100.0%
18840520	263	394	MOORE	13132050	4	Jul 17, 2019	0.22	0.26	0.22	100.0%
18840520	427	1	MOORE	13132050	4	Jul 17, 2019	1.16	1.36	1.16	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 17, 2019	0.04	0.05	0.04	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 17, 2019	0.18	0.21	0.18	100.0%
18840520	96	451	MOORE	13132050	4	Jul 17, 2019	0.58	0.68	0.58	100.0%
18840520	463	1300	MOORE	13132050	4	Jul 17, 2019	1.60	1.87	1.60	100.0%
18840520	219	547	MOORE	13132050	4	Jul 17, 2019	1.15	1.35	1.15	100.0%
18840520	433	271	MOORE	13132050	4	Jul 17, 2019	0.54	0.63	0.54	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 17, 2019	0.90	1.05	0.90	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 17, 2019	1.60	1.87	1.60	100.0%
18840520	180	470	MOORE	13132050	4	Jul 17, 2019	0.16	0.19	0.16	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 17, 2019	0.68	0.80	0.68	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 17, 2019	0.38	0.44	0.38	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 17, 2019	0.01	0.01	0.01	100.0%
18840520	242	210	MOORE	13132050	4	Jul 17, 2019	0.21	0.25	0.21	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 17, 2019	0.01	0.01	0.01	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.80	0.94	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 17, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 17, 2019	0.72	0.72	0.72	100.0%
18840601	15	131	MOORE	13132050	4	Jul 17, 2019	0.37	0.43	0.37	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 17, 2019	0.08	0.09	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 17, 2019	0.54	0.63	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 17, 2019	0.09	0.11	0.09	100.0%
18840601	96	453	MOORE	13132050	4	Jul 17, 2019	0.21	0.25	0.21	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 17, 2019	1.28	1.50	1.28	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 17, 2019	1.52	1.78	1.52	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 17, 2019	0.01	0.01	0.01	100.0%
18840601	263	395	MOORE	13132050	4	Jul 17, 2019	0.08	0.09	0.08	100.0%
18840601	573	1722	MOORE	13132050	4	Jul 17, 2019	0.04	0.05	0.04	100.0%
18840601	573	1723	MOORE	13132050	4	Jul 17, 2019	0.12	0.14	0.12	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 17, 2019	0.16	0.19	0.16	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 17, 2019	0.73	0.73	0.73	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 17, 2019	0.20	0.20	0.20	100.0%
18840601	360	693	BURNETT	13127750	5	Jul 17, 2019	0.80	0.80	0.80	100.0%
18840601	73	2027	BURNETT	13127750	5	Jul 17, 2019	0.23	0.23	0.23	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 17, 2019	0.42	0.42	0.42	100.0%
18840601	73	2026	BURNETT	13127750	5	Jul 17, 2019	0.37	0.37	0.37	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 17, 2019	0.40	0.40	0.40	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 17, 2019	0.27	0.27	0.27	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 17, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 17, 2019	0.96	0.96	0.96	100.0%
18840601	317	940	No Tellum 2	13123070	8	Jul 17, 2019	0.64	0.64	0.64	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 17, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 17, 2019	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 17, 2019	1.20	1.40	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 17, 2019	0.80	0.94	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 17, 2019	0.74	0.87	0.74	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 17, 2019	1.20	1.40	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 17, 2019	0.80	0.94	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jul 17, 2019	0.80	0.94	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Jul 17, 2019	0.80	0.94	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 17, 2019	0.80	0.94	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 17, 2019	0.49	0.57	0.49	100.0%
18840731	44	1132	MOORE	13132050	4	Jul 17, 2019	0.76	0.89	0.76	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 17, 2019	0.58	0.68	0.58	100.0%

18840831	306	1200	MOORE	13132050	4	Jul 17, 2019	0.20	0.23	0.20	100.0%
18840831	533	421	MOORE	13132050	4	Jul 17, 2019	0.14	0.16	0.14	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.50	0.58	0.50	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 17, 2019	1.31	1.53	1.31	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.40	0.47	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.44	0.51	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.40	0.47	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 17, 2019	3.20	3.74	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 17, 2019	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 17, 2019	0.40	0.40	0.40	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 17, 2019	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Jul 17, 2019	0.80	0.80	0.80	100.0%
18841012	205	2067	BECK	13130525	4	Jul 17, 2019	1.76	2.06	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 17, 2019	0.89	1.04	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Jul 17, 2019	0.58	0.68	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 17, 2019	1.25	1.46	1.25	100.0%
18841012	70	341	MOORE	13132050	4	Jul 17, 2019	0.31	0.36	0.31	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 17, 2019	3.30	3.30	3.30	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 17, 2019	2.78	2.78	2.78	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 17, 2019	0.81	0.81	0.81	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 17, 2019	0.74	0.74	0.74	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 17, 2019	0.41	0.41	0.41	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 17, 2019	2.77	2.77	2.77	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jul 17, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 17, 2019	0.65	0.65	0.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jul 17, 2019	0.61	0.61	0.61	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 17, 2019	1.65	1.65	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 17, 2019	0.79	0.79	0.79	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 17, 2019	1.10	1.10	1.10	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 17, 2019	2.00	2.00	2.00	100.0%
18850501	468	59	ARCO	13132365	2	Jul 17, 2019	0.74	1.20	0.74	100.0%
18850501	426	887	ARCO	13132365	2	Jul 17, 2019	0.64	1.04	0.64	100.0%
18850501	423	186	ARCO	13132365	2	Jul 17, 2019	0.26	0.42	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Jul 17, 2019	0.20	0.33	0.20	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 17, 2019	0.20	0.23	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 17, 2019	0.24	0.28	0.24	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 17, 2019	1.80	2.11	1.80	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 17, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 17, 2019	0.50	0.50	0.50	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.20	0.23	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	1.40	1.64	1.40	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.20	0.23	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jul 17, 2019	1.14	1.33	1.14	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 17, 2019	0.30	0.35	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 17, 2019	0.56	0.66	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 17, 2019	0.19	0.19	0.19	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 17, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 17, 2019	0.11	0.11	0.11	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 17, 2019	1.37	1.37	1.37	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 17, 2019	0.04	0.05	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 17, 2019	1.56	1.82	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	3.20	3.74	3.20	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 17, 2019	3.20	3.20	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jul 17, 2019	2.00	2.00	2.00	100.0%
18850601	205	2064	BECK	13130525	4	Jul 17, 2019	0.44	0.51	0.44	100.0%
18850601	15	859	MOORE	13132050	4	Jul 17, 2019	0.50	0.58	0.50	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 17, 2019	1.20	1.40	1.20	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Jul 17, 2019	0.72	0.72	0.72	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 17, 2019	2.60	2.60	2.60	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jul 17, 2019	1.66	1.66	1.66	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Jul 17, 2019	0.80	0.80	0.80	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 17, 2019	0.40	0.40	0.40	100.0%
18850601	280	1183	SHARP	13126500	6	Jul 17, 2019	1.16	1.16	1.16	100.0%
18850601	544	2205	SHARP	13126500	6	Jul 17, 2019	0.80	0.80	0.80	100.0%

18850601	55	1382	Gates/Woods 3	13124430	8	Jul 17, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 17, 2019	0.28	0.28	0.28	100.0%
18851002	468	61	ARCO	13132365	2	Jul 17, 2019	3.60	5.86	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Jul 17, 2019	1.54	2.51	1.54	100.0%
18851002	318	545	MUNSEY	13132375	2	Jul 17, 2019	0.75	1.22	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Jul 17, 2019	0.80	1.30	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 17, 2019	2.73	2.73	2.73	100.0%
18860501	305	927	3IN1	13130605	4	Jul 17, 2019	1.60	1.87	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 17, 2019	2.80	3.28	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jul 17, 2019	1.20	1.40	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 17, 2019	7.04	8.23	7.04	100.0%
18860512	96	459	MOORE	13132050	4	Jul 17, 2019	0.48	0.56	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 17, 2019	0.18	0.21	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 17, 2019	0.01	0.01	0.01	100.0%
18860512	263	398	MOORE	13132050	4	Jul 17, 2019	0.18	0.21	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	1.77	2.07	1.77	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 17, 2019	0.20	0.23	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 17, 2019	0.09	0.11	0.09	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 17, 2019	2.40	2.81	2.40	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	1.24	1.45	1.24	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	1.60	1.87	1.60	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	1.44	1.68	1.44	100.0%
18860601	357	1288	BURNETT	13127750	5	Jul 17, 2019	1.60	1.60	1.60	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jul 17, 2019	0.50	0.50	0.50	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.10	0.12	0.10	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	1.30	1.52	1.30	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.86	1.01	0.86	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 17, 2019	0.85	0.85	0.85	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jul 17, 2019	1.31	1.31	1.31	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 17, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 17, 2019	1.66	1.66	1.66	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 17, 2019	2.90	2.90	2.90	100.0%
18860901	180	2	MUNSEY	13132375	2	Jul 17, 2019	0.84	1.37	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 17, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 17, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 17, 2019	0.34	0.34	0.34	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 17, 2019	3.20	3.74	3.20	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 17, 2019	1.60	1.87	1.60	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 17, 2019	0.80	0.94	0.80	100.0%
18870313	433	683	MOORE	13132050	4	Jul 17, 2019	0.70	0.82	0.70	100.0%
18870313	70	337	MOORE	13132050	4	Jul 17, 2019	0.23	0.27	0.23	100.0%
18870313	459	682	MOORE	13132050	4	Jul 17, 2019	0.65	0.76	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Jul 17, 2019	0.42	0.49	0.42	100.0%
18870313	73	2028	BURNETT	13127750	5	Jul 17, 2019	1.05	1.05	1.05	100.0%
18870313	73	2029	BURNETT	13127750	5	Jul 17, 2019	0.65	0.65	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	Jul 17, 2019	0.80	0.80	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 17, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 17, 2019	2.82	2.82	2.82	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 17, 2019	3.20	5.21	3.20	100.0%
18870601	468	893	ARCO	13132365	2	Jul 17, 2019	1.40	2.28	1.40	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 17, 2019	1.80	2.93	1.80	100.0%
18870601	423	76	ARCO	13132365	2	Jul 17, 2019	0.22	0.36	0.22	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jul 17, 2019	0.50	0.81	0.50	100.0%
18870601	19	892	MUNSEY	13132375	2	Jul 17, 2019	1.20	1.95	1.20	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 17, 2019	1.00	1.17	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 17, 2019	3.10	3.63	3.10	100.0%
18870601	252	353	DARLINGTON	13127735	5	Jul 17, 2019	0.43	0.43	0.43	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 17, 2019	0.92	0.92	0.92	100.0%
18870601	73	2022	BURNETT	13127750	5	Jul 17, 2019	1.11	1.11	1.11	100.0%
18870601	73	2023	BURNETT	13127750	5	Jul 17, 2019	0.69	0.69	0.69	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 17, 2019	0.95	0.95	0.95	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 17, 2019	0.25	0.25	0.25	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 17, 2019	1.24	1.24	1.24	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 17, 2019	0.12	0.12	0.12	100.0%

18870601	317	941	No Tellum 2	13123070	8	Jul 17, 2019	0.08	0.08	0.08	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 17, 2019	0.80	0.80	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	Jul 17, 2019	0.80	0.80	0.80	100.0%
18870701	423	102	ARCO	13132365	2	Jul 17, 2019	1.50	2.44	1.50	100.0%
18870801	623	2203	BURNETT	13127750	5	Jul 17, 2019	0.53	0.53	0.53	100.0%
18870801	73	2016	BURNETT	13127750	5	Jul 17, 2019	0.62	0.62	0.62	100.0%
18870801	119	1166	BURNETT	13127750	5	Jul 17, 2019	0.27	0.27	0.27	100.0%
18870801	73	2017	BURNETT	13127750	5	Jul 17, 2019	0.38	0.38	0.38	100.0%
18870831	623	2201	BURNETT	13127750	5	Jul 17, 2019	1.14	1.14	1.14	100.0%
18870831	119	1154	BURNETT	13127750	5	Jul 17, 2019	0.70	0.70	0.70	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 17, 2019	0.54	0.54	0.54	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 17, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 17, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 17, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jul 17, 2019	0.33	0.54	0.33	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	2.40	2.81	2.40	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 17, 2019	0.98	0.98	0.98	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 17, 2019	0.62	0.62	0.62	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 17, 2019	0.98	0.98	0.98	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 17, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 17, 2019	1.60	1.60	1.60	100.0%
18880630	490	1826	BURNETT	13127750	5	Jul 17, 2019	0.24	0.24	0.24	100.0%
18880630	490	1750	BURNETT	13127750	5	Jul 17, 2019	0.06	0.06	0.06	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 17, 2019	0.40	0.65	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 17, 2019	0.81	0.81	0.81	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 17, 2019	0.64	0.64	0.64	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 17, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 17, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 17, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	KENT	13120605	9	Jul 17, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 17, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 17, 2019	0.83	0.83	0.83	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 17, 2019	1.56	1.56	1.56	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Jul 17, 2019	1.05	1.05	1.05	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Jul 17, 2019	0.29	0.29	0.29	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 17, 2019	0.82	0.96	0.82	100.0%
18890601	441	205	MOORE	13132050	4	Jul 17, 2019	0.97	1.13	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 17, 2019	0.50	0.58	0.50	100.0%
18890601	463	1396	MOORE	13132050	4	Jul 17, 2019	0.20	0.23	0.20	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 17, 2019	0.35	0.41	0.35	100.0%
18890601	490	1786	BURNETT	13127750	5	Jul 17, 2019	0.95	0.95	0.95	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 17, 2019	2.00	2.00	2.00	100.0%
18890601	490	1748	BURNETT	13127750	5	Jul 17, 2019	0.25	0.25	0.25	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 17, 2019	0.80	0.80	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 17, 2019	1.20	1.20	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 17, 2019	2.70	2.70	2.70	100.0%
18900601	372	886	ARCO	13132365	2	Jul 17, 2019	0.59	0.96	0.59	100.0%
18900601	426	756	ARCO	13132365	2	Jul 17, 2019	0.57	0.93	0.57	100.0%
18900601	48	1023	MUNSEY	13132375	2	Jul 17, 2019	3.60	5.86	3.60	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 17, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 17, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 17, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 17, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 17, 2019	1.76	1.76	1.76	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 17, 2019	0.60	0.70	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 17, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 17, 2019	5.00	5.00	5.00	100.0%
18920101	2615	1643	MOORE	13132050	4	Jul 17, 2019	1.17	1.37	1.17	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 17, 2019	0.28	0.33	0.28	100.0%
18920501	468	60	ARCO	13132365	2	Jul 17, 2019	0.64	1.04	0.64	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 17, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 17, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 17, 2019	0.30	0.35	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jul 17, 2019	0.22	0.26	0.22	100.0%

18930201	158	538	MOORE	13132050	4	Jul 17, 2019	0.03	0.04	0.03	100.0%
18930201	414	1865	MOORE	13132050	4	Jul 17, 2019	0.30	0.35	0.30	100.0%
18930201	463	1423	MOORE	13132050	4	Jul 17, 2019	0.30	0.35	0.30	100.0%
18930323	77	366	MOORE	13132050	4	Jul 17, 2019	1.60	1.87	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jul 17, 2019	1.50	1.75	1.50	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 17, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 17, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	KENT	13120605	9	Jul 17, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	KENT	13120605	9	Jul 17, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 17, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 17, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 17, 2019	0.58	0.58	0.58	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 17, 2019	2.00	2.00	2.00	100.0%
18940310	357	15	BURNETT	13127750	5	Jul 17, 2019	2.56	2.56	2.56	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 17, 2019	0.44	0.44	0.44	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 17, 2019	2.80	2.80	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 17, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 17, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jul 17, 2019	0.80	0.94	0.80	100.0%
18940531	77	800	MOORE	13132050	4	Jul 17, 2019	0.74	0.87	0.74	100.0%
18940531	5	776	MOORE	13132050	4	Jul 17, 2019	0.20	0.23	0.20	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 17, 2019	3.20	5.21	3.20	100.0%
18940601	158	536	MOORE	13132050	4	Jul 17, 2019	0.02	0.02	0.02	100.0%
18940601	417	379	MOORE	13132050	4	Jul 17, 2019	0.15	0.18	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	3.06	3.58	3.06	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 17, 2019	0.11	0.11	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	Jul 17, 2019	1.60	1.60	1.60	100.0%
18940601	139	713	BURNETT	13127750	5	Jul 17, 2019	0.80	0.80	0.80	100.0%
18940601	2525	1904	SHARP	13126500	6	Jul 17, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jul 17, 2019	0.19	0.19	0.19	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 17, 2019	0.12	0.12	0.12	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jul 17, 2019	0.38	0.38	0.38	100.0%
18940926	252	357	DARLINGTON	13127735	5	Jul 17, 2019	0.30	0.30	0.30	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 17, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 17, 2019	0.80	0.94	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Jul 17, 2019	0.10	0.12	0.10	100.0%
18950601	242	212	MOORE	13132050	4	Jul 17, 2019	0.11	0.13	0.11	100.0%
18950601	158	534	MOORE	13132050	4	Jul 17, 2019	0.01	0.01	0.01	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.40	0.47	0.40	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.16	0.19	0.16	100.0%
18950601	251	1342	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.80	0.94	0.80	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 17, 2019	2.40	2.40	2.40	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 17, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 17, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jul 17, 2019	2.38	2.78	2.38	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 17, 2019	2.62	2.62	2.62	100.0%
18960302	402	872	MOORE	13132050	4	Jul 17, 2019	0.25	0.30	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jul 17, 2019	0.25	0.30	0.25	100.0%
18960327	29	839	MOORE	13132050	4	Jul 17, 2019	1.60	1.87	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 17, 2019	2.45	2.45	2.45	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 17, 2019	1.22	1.43	1.22	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 17, 2019	0.40	0.47	0.40	100.0%
18960601	417	381	MOORE	13132050	4	Jul 17, 2019	2.40	2.81	2.40	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 17, 2019	0.60	0.70	0.60	100.0%
18960601	417	992	MOORE	13132050	4	Jul 17, 2019	1.20	1.40	1.20	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 17, 2019	0.02	0.02	0.02	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 17, 2019	0.03	0.04	0.03	100.0%
18960601	15	1106	MOORE	13132050	4	Jul 17, 2019	1.17	1.37	1.17	100.0%
18960601	441	207	MOORE	13132050	4	Jul 17, 2019	0.99	1.16	0.99	100.0%
18960601	263	397	MOORE	13132050	4	Jul 17, 2019	0.35	0.41	0.35	100.0%
18960601	263	399	MOORE	13132050	4	Jul 17, 2019	0.27	0.32	0.27	100.0%
18960601	463	128	MOORE	13132050	4	Jul 17, 2019	0.08	0.09	0.08	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 17, 2019	0.23	0.27	0.23	100.0%
18960601	533	424	MOORE	13132050	4	Jul 17, 2019	0.11	0.13	0.11	100.0%

18960601	158	540	MOORE	13132050	4	Jul 17, 2019	0.32	0.37	0.32	100.0%
18960601	96	461	MOORE	13132050	4	Jul 17, 2019	0.73	0.85	0.73	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 17, 2019	0.40	0.47	0.40	100.0%
18960601	96	457	MOORE	13132050	4	Jul 17, 2019	0.92	1.08	0.92	100.0%
18960601	459	993	MOORE	13132050	4	Jul 17, 2019	0.40	0.47	0.40	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 17, 2019	1.57	1.84	1.57	100.0%
18960601	309	877	MOORE	13132050	4	Jul 17, 2019	0.08	0.10	0.08	100.0%
18960601	406	65	MOORE	13132050	4	Jul 17, 2019	0.30	0.35	0.30	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 17, 2019	2.40	2.81	2.40	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 17, 2019	0.44	0.51	0.44	100.0%
18960601	402	876	MOORE	13132050	4	Jul 17, 2019	0.08	0.10	0.08	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.04	0.04	0.04	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.04	0.04	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 17, 2019	0.41	0.48	0.41	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 17, 2019	0.70	0.82	0.10	14.2%
18960601	252	359	DARLINGTON	13127735	5	Jul 17, 2019	0.89	0.89	0.89	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jul 17, 2019	1.15	1.15	1.15	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 17, 2019	6.40	6.40	6.40	100.0%
18960630	660	1634	DARLINGTON	13127735	5	Jul 17, 2019	1.04	1.04	1.04	100.0%
18960630	490	1827	BURNETT	13127750	5	Jul 17, 2019	0.24	0.24	0.24	100.0%
18960630	490	1751	BURNETT	13127750	5	Jul 17, 2019	0.06	0.06	0.06	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 17, 2019	2.00	3.25	2.00	100.0%
18960801	252	363	DARLINGTON	13127735	5	Jul 17, 2019	0.12	0.12	0.12	100.0%
18960801	544	2206	SHARP	13126500	6	Jul 17, 2019	0.56	0.56	0.56	100.0%
18960801	280	1186	SHARP	13126500	6	Jul 17, 2019	0.46	0.46	0.46	100.0%
18960901	437	671	ARCO	13132365	2	Jul 17, 2019	0.13	0.21	0.13	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 17, 2019	0.51	0.83	0.51	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 17, 2019	4.40	7.16	4.40	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 17, 2019	0.03	0.05	0.03	100.0%
18960928	90	46	MUNSEY	13132375	2	Jul 17, 2019	1.00	1.63	1.00	100.0%
18960928	319	1175	MUNSEY	13132375	2	Jul 17, 2019	0.07	0.11	0.07	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 17, 2019	1.97	3.21	1.97	100.0%
18970510	437	664	ARCO	13132365	2	Jul 17, 2019	0.04	0.07	0.04	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 17, 2019	3.44	3.44	3.44	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 17, 2019	6.10	6.10	6.10	100.0%
18970510	411	674	DARLINGTON	13127735	5	Jul 17, 2019	2.80	2.80	2.80	100.0%
18970510	47	667	DARLINGTON	13127735	5	Jul 17, 2019	0.58	0.58	0.58	100.0%
18970510	73	2019	BURNETT	13127750	5	Jul 17, 2019	0.58	0.58	0.58	100.0%
18970510	73	2018	BURNETT	13127750	5	Jul 17, 2019	0.92	0.92	0.92	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 17, 2019	2.00	2.00	2.00	100.0%
18970531	589	1312	BURNETT	13127750	5	Jul 17, 2019	1.14	1.14	1.14	100.0%
18970601	533	427	MOORE	13132050	4	Jul 17, 2019	0.03	0.04	0.03	100.0%
18970601	306	1696	MOORE	13132050	4	Jul 17, 2019	0.16	0.19	0.16	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 17, 2019	3.20	3.20	3.20	100.0%
18970615	306	1697	MOORE	13132050	4	Jul 17, 2019	0.16	0.19	0.16	100.0%
18970615	242	214	MOORE	13132050	4	Jul 17, 2019	0.22	0.26	0.22	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 17, 2019	0.13	0.15	0.13	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 17, 2019	2.26	2.26	2.26	100.0%
18980601	251	958	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.32	0.37	0.32	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.65	0.76	0.65	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.65	0.76	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jul 17, 2019	1.60	1.60	1.60	100.0%
18980601	336	984	BURNETT	13127750	5	Jul 17, 2019	0.40	0.40	0.40	100.0%
18980901	268	562	ARCO	13132365	2	Jul 17, 2019	1.57	2.55	1.57	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 17, 2019	0.54	0.63	0.54	100.0%
18990327	14	2062	MOORE	13132050	4	Jul 17, 2019	0.01	0.01	0.01	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 17, 2019	0.01	0.01	0.01	100.0%
18990327	180	468	MOORE	13132050	4	Jul 17, 2019	0.05	0.06	0.05	100.0%
18990327	433	272	MOORE	13132050	4	Jul 17, 2019	0.19	0.22	0.19	100.0%
18990327	187	1873	MOORE	13132050	4	Jul 17, 2019	0.07	0.08	0.07	100.0%
18990327	219	549	MOORE	13132050	4	Jul 17, 2019	0.29	0.34	0.29	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 17, 2019	0.60	0.70	0.60	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 17, 2019	0.21	0.24	0.21	100.0%
18990327	187	1874	MOORE	13132050	4	Jul 17, 2019	0.01	0.01	0.01	100.0%

18990327	113	584	MOORE	13132050	4	Jul 17, 2019	0.03	0.04	0.03	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jul 17, 2019	2.80	4.56	2.80	100.0%
18990518	73	2030	BURNETT	13127750	5	Jul 17, 2019	0.24	0.24	0.24	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 17, 2019	0.03	0.04	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 17, 2019	0.41	0.48	0.41	100.0%
18990601	2612	2137	SWAUGER	13127600	5	Jul 17, 2019	0.34	0.34	0.34	100.0%
18990601	360	704	BURNETT	13127750	5	Jul 17, 2019	0.74	0.74	0.74	100.0%
18990601	490	981	BURNETT	13127750	5	Jul 17, 2019	0.80	0.80	0.80	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 17, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 17, 2019	2.74	2.74	2.74	100.0%
18990801	381	48	DARLINGTON	13127735	5	Jul 17, 2019	1.16	1.16	1.16	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jul 17, 2019	0.80	1.30	0.80	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 17, 2019	0.57	0.57	0.57	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 17, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 17, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 17, 2019	0.46	0.46	0.46	100.0%
19000323	77	44	MOORE	13132050	4	Jul 17, 2019	3.00	3.51	3.00	100.0%
19000924	318	543	MUNSEY	13132375	2	Jul 17, 2019	1.04	1.69	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 17, 2019	4.50	4.50	4.50	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.20	0.23	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jul 17, 2019	0.15	0.24	0.15	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 17, 2019	3.20	3.20	3.20	100.0%
19010901	319	1512	MUNSEY	13132375	2	Jul 17, 2019	0.43	0.71	0.43	100.0%
19010901	70	339	MOORE	13132050	4	Jul 17, 2019	0.12	0.14	0.12	100.0%
19010901	459	684	MOORE	13132050	4	Jul 17, 2019	0.35	0.41	0.35	100.0%
19010901	459	340	MOORE	13132050	4	Jul 17, 2019	0.23	0.27	0.23	100.0%
19011001	263	396	MOORE	13132050	4	Jul 17, 2019	0.14	0.16	0.14	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 17, 2019	0.01	0.01	0.01	100.0%
19011001	96	455	MOORE	13132050	4	Jul 17, 2019	0.30	0.35	0.30	100.0%
19011102	426	1159	ARCO	13132365	2	Jul 17, 2019	1.32	2.15	1.32	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 17, 2019	2.36	2.36	2.36	100.0%
19020115	442	2143	MUNSEY	13132375	2	Jul 17, 2019	3.20	5.21	3.20	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.20	0.23	0.20	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	0.20	0.23	0.20	100.0%
19020301	15	81	MOORE	13132050	4	Jul 17, 2019	0.48	0.56	0.48	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 17, 2019	0.31	0.36	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jul 17, 2019	1.12	1.31	0.65	58.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 17, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 17, 2019	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 17, 2019	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 17, 2019	1.40	1.40	1.40	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 17, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 17, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 17, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 17, 2019	2.70	3.16	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jul 17, 2019	1.50	1.50	1.50	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 17, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 17, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jul 17, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 17, 2019	1.35	1.35	1.35	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 17, 2019	1.08	1.08	1.08	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 17, 2019	0.46	0.46	0.46	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 17, 2019	0.24	0.24	0.24	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 17, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 17, 2019	1.30	1.30	1.30	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 17, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 17, 2019	1.60	1.87	1.60	100.0%
19040601	139	1148	DARLINGTON	13127735	5	Jul 17, 2019	0.20	0.20	0.20	100.0%
19040601	220	1828	DARLINGTON	13127735	5	Jul 17, 2019	0.87	0.87	0.87	100.0%
19040601	338	580	DARLINGTON	13127735	5	Jul 17, 2019	0.08	0.08	0.08	100.0%
19040601	139	731	DARLINGTON	13127735	5	Jul 17, 2019	0.60	0.60	0.60	100.0%
19040601	492	1146	DARLINGTON	13127735	5	Jul 17, 2019	0.04	0.04	0.04	100.0%
19040601	279	2127	Anderson	13120745	9	Jul 17, 2019	0.42	0.42	0.42	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jul 17, 2019	0.34	0.34	0.34	100.0%

19040601	232	2221	NEILSEN	13120805	9	Jul 17, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 17, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 17, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 17, 2019	0.13	0.13	0.13	100.0%
19050501	59	2145	KENT	13120605	9	Jul 17, 2019	0.45	0.45	0.45	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 17, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	KENT	13120605	9	Jul 17, 2019	0.02	0.02	0.02	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jul 17, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jul 17, 2019	0.62	0.62	0.62	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 17, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	BITTON	13120735	9	Jul 17, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 17, 2019	0.45	0.45	0.45	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 17, 2019	0.34	0.34	0.34	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 17, 2019	0.27	0.27	0.27	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 17, 2019	0.40	0.40	0.40	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 17, 2019	0.12	0.12	0.12	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 17, 2019	0.30	0.30	0.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 17, 2019	0.82	0.82	0.82	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 17, 2019	0.50	0.50	0.50	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 17, 2019	1.30	1.30	1.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 17, 2019	0.10	0.10	0.10	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 17, 2019	1.52	1.52	1.52	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 17, 2019	0.65	0.65	0.65	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 17, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 17, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 17, 2019	0.78	0.78	0.78	100.0%
19060501	185	392	3IN1	13130605	4	Jul 17, 2019	0.19	0.22	0.19	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 17, 2019	0.42	0.42	0.42	99.5%
19070711	2610	2094	KENT	13120605	9	Jul 17, 2019	0.22	0.22	0.22	100.0%
19070711	59	786	KENT	13120605	9	Jul 17, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	KENT	13120605	9	Jul 17, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	BITTON	13120735	9	Jul 17, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	BITTON	13120735	9	Jul 17, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	BITTON	13120735	9	Jul 17, 2019	0.22	0.22	0.22	100.0%
19080709	475	1098	BURNETT	13127750	5	Jul 17, 2019	1.70	1.70	1.70	100.0%
19081207	459	344	MOORE	13132050	4	Jul 17, 2019	0.33	0.39	0.33	100.0%
19081207	459	1080	MOORE	13132050	4	Jul 17, 2019	0.50	0.58	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jul 17, 2019	0.17	0.20	0.17	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 17, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 17, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 17, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 17, 2019	0.09	0.09	0.09	100.0%
19110517	442	2159	MUNSEY	13132375	2	Jul 17, 2019	0.90	1.46	0.90	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 17, 2019	0.50	0.50	0.50	100.0%
19120415	442	2160	MUNSEY	13132375	2	Jul 17, 2019	0.90	1.46	0.90	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 17, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 17, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 17, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 17, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 17, 2019	1.70	1.70	1.70	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jul 17, 2019	2.40	2.40	2.40	100.0%
19130124	29	50	MOORE	13132050	4	Jul 17, 2019	1.56	1.82	1.56	100.0%
19130517	170	1416	MOORE	13132050	4	Jul 17, 2019	0.80	0.94	0.80	100.0%
19130623	490	1752	BURNETT	13127750	5	Jul 17, 2019	0.30	0.30	0.30	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 17, 2019	0.82	0.82	0.82	100.0%
19140103	59	2233	KENT	13120605	9	Jul 17, 2019	0.48	0.48	0.48	100.0%
19140103	59	1361	KENT	13120605	9	Jul 17, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 17, 2019	0.48	0.48	0.48	100.0%
19140103	59	1361	BITTON	13120735	9	Jul 17, 2019	0.04	0.04	0.04	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 17, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 17, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 17, 2019	0.02	0.02	0.02	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 17, 2019	0.12	0.12	0.12	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 17, 2019	0.10	0.10	0.10	100.0%

19160501	101	1371	NEILSEN	13120805	9	Jul 17, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 17, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 17, 2019	0.85	0.85	0.85	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 17, 2019	0.68	0.68	0.68	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 17, 2019	1.99	1.99	1.99	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 17, 2019	4.26	4.26	4.26	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 17, 2019	0.02	0.02	0.02	100.0%
19200601	150	217	MUNSEY	13132375	2	Jul 17, 2019	0.79	1.29	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	Jul 17, 2019	0.01	0.02	0.01	100.0%
19240806	417	695	MOORE	13132050	4	Jul 17, 2019	0.50	0.58	0.50	100.0%
19280501	12	165	MOORE	13132050	4	Jul 17, 2019	0.30	0.35	0.30	100.0%
19540821	2526	717	MUNSEY	13132375	2	Jul 17, 2019	1.20	1.95	1.20	100.0%
19600501	90	175	MOORE	13132050	4	Jul 17, 2019	0.44	0.51	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jul 17, 2019	0.11	0.13	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jul 17, 2019	4.90	5.73	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jul 17, 2019	0.02	0.03	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jul 17, 2019	4.40	7.16	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 17, 2019	16.00	26.04	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jul 17, 2019	1.00	1.63	1.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jul 17, 2019	0.82	0.96	0.82	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jul 17, 2019	9969.40	9969.40	71.88	0.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 18, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 18	499.0	3.0	0.0	502.0	0.00	502.0	3.0	0.0	0.0	499.0	0.0	0.0
9	Howell to Chilly	Jul 18	321.0	101.2	0.0	-76.8	0.15	425.2	97.0	4.3	0.0	325.3	-4.3	0.0
8	Chilly to Reservoir	* Jul 18	486.7	60.5	0.0	226.2	0.00	651.5	54.8	5.7	0.0	496.7	-10.0	0.0
	Connected													
7	Mackay Reservoir	* Jul 18	547.0	0.0	0.0	0.0	0.00	666.7	65.7		0.0	431.0	116.0	0.0
6	Reservoir to 2B	Jul 18	536.0	11.0	0.0	0.0	0.00	651.5	10.0	1.0	0.0	421.0	115.0	0.0
5	2B to Leslie	Jul 18	410.0	141.2	0.0	15.2	0.00	666.7	119.1	22.1	0.0	317.1	92.9	0.0
4	Leslie to Moore	Jul 18	128.8	222.7	0.0	-58.5	0.14	666.7	172.3	50.4	0.0	99.6	29.2	0.0
2	Moore to blw Munsey	Jul 18	6.8	86.8	0.0	-35.2	0.27	666.7	72.4	14.4	0.0	0.0	6.8	0.0
1	Blw Munsey to Arco	Jul 18	7.9	0.0	0.0	1.1	0.00	667.8	0.0	0.0	0.0	1.1	6.8	0.0
								TOTAL	594.2	97.9	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 18	0.0	0.0		20180101	1%
9	Howell to Chilly	Jul 18	0.0	0.0		20180101	1%
8	Chilly to Reservoir	Jul 18	0.0	0.0		20180101	1%
	Connected						
7	Mackay Reservoir	Jul 18	0.0	0.0		20180101	1%
6	Reservoir to 2B	Jul 18	0.0	0.0		20180101	1%
5	2B to Leslie	Jul 18	0.0	0.0		20180101	1%
4	Leslie to Moore	Jul 18	45.2	13.3		20180101	1%
2	Moore to blw Munsey	Jul 18	27.2	8.0		20180101	1%
1	Blw Munsey to Arco	Jul 18	0.0	0.0		20180101	1%
		TOTAL	72.4	21.2	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	501.4
2	18810630	1.7	294.0	266.4
3	18880601	3.2	556.5	501.4
4	18960601	6.4	1113.0	1002.9
5	19020301	0.8	140.0	125.4
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	71977.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118225.8

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44220.0	44070.0	-150.0	-75.6	15.3

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74374.8
Total Storage Loss	-39950.0
Total Storage Deliver	-17885.0
Total Evaporation	-1340.1
Accounting Balance	44069.7
Current Res Content	44070.0
Storage Balance Error	-0.3

DAILY STORAGE BALANCE

44220.0	Reservoir Content Previous Day [ac-ft]
44070.0	Reservoir Content Current Day [ac-ft]
-150.0	Physical Change in Storage [ac-ft]
130.3	Storage Allocated to Mackay Reservoir [ac-ft]
-55.7	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-13.3	Leslie to Moore [cfs]
-8.0	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-6.8	Past Arco Gage [cfs]
-194.2	Storage Delivered [ac-ft]
10.0	Above Reservoir [cfs]
1.0	Reservoir to 2B [cfs]
22.1	2B to Leslie [cfs]
50.4	Leslie to Moore [cfs]
14.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-30.4	Evaporation [ac-ft]
-150.0	Accounting Change in Storage [ac-ft]
0.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

486.7	Gain in/above Mackay Reservoir [cfs]
15.2	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
1.1	Gain in Reach 1: Munsey to Arco [cfs]
503.0	Total Available Natural Flow [cfs]
65.7	Reservoir Rights Diverted [cfs]
73.5	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
45.2	Leslie to Moore [cfs]
27.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1.1	Natural Flow Past Arco Gage [cfs]
363.8	Natural Flow Delivered [cfs]
-10.0	Above Reservoir Storage Use [cfs]
10.0	Reservoir to 2B [cfs]
119.1	2B to Leslie [cfs]
172.3	Leslie to Moore [cfs]
72.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
503.0	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	9.3	465
Eastside Felton Wier +	60.6	3030
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	69.9	3495
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.4	72
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	7.3	364
Eastside R Reynolds Delivery +	3.6	180
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	1.5	77
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	3.1	155
Island Wanstrom David +	0.0	0
Eastside OUT	57.5	2875
Total Out	74.5	3723

Abbreviated Reach Delivery Factor Total Out Divided By Total In	1.07

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 106.5%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 57.5 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 54.0 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 102.6%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 52.6 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 47.4 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 104.8%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 109.3%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 18, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	2.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.0	1.0	24.2
9	BITTON	5.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	5.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	28.3	6.6	394.9
9	Thalman Hunter D	4.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	54.7	2.1	778.3
9	NEILSEN	48.2	4.3	561.8	8	Smith Pumps	2.0	0.0	6.0	5	BURNETT	58.2	13.4	1537.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	29.0	0.0	0.0	8	Broken River Pum	2.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	12.3	8.8	800.6
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	1.5	0.0	0.0	4	PEHRSON	4.0	4.0	489.9
8	Donahue 1	0.8	0.7	119.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	10.0	2.2	38.7
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	277.7
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	8.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	147.0	32.0	3230.9
8	Mtn. Springs 1	0.0	5.0	551.3	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	47.4	3.2	8242.9
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	31.4	12.9	1146.4
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	55.4	1.5	476.5
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	5.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	4.0	499.8	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	0.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 18, 2019	4.00	4.00	4.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 18, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 18, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 18, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 18, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 18, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 18, 2019	1.92	1.92	1.92	100.0%
18820601	317	939	No Tellum 2	13123070	8	Jul 18, 2019	1.28	1.28	1.28	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 18, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jul 18, 2019	2.00	2.00	2.00	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 18, 2019	0.27	0.32	0.27	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 18, 2019	1.54	1.80	1.54	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 18, 2019	0.79	0.92	0.79	100.0%
18830601	224	854	MOORE	13132050	4	Jul 18, 2019	2.88	3.36	2.88	100.0%
18830601	221	855	MOORE	13132050	4	Jul 18, 2019	1.60	1.87	1.60	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 18, 2019	1.13	1.32	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 18, 2019	1.73	2.02	1.73	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 18, 2019	0.18	0.21	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 18, 2019	0.01	0.01	0.01	100.0%
18830810	96	449	MOORE	13132050	4	Jul 18, 2019	0.48	0.56	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jul 18, 2019	0.18	0.21	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.21	0.25	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.43	0.50	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.21	0.25	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 18, 2019	1.30	1.52	1.30	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 18, 2019	0.14	0.16	0.14	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Jul 18, 2019	1.62	1.62	1.62	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 18, 2019	0.07	0.07	0.07	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 18, 2019	1.12	1.12	1.12	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 18, 2019	1.52	1.52	1.52	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Jul 18, 2019	0.12	0.12	0.12	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 18, 2019	0.55	0.55	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 18, 2019	1.63	1.63	1.63	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 18, 2019	0.96	0.96	0.96	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 18, 2019	2.17	2.17	2.17	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 18, 2019	0.20	0.20	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 18, 2019	1.44	1.44	1.44	100.0%
18840422	492	1291	DARLINGTON	13127735	5	Jul 18, 2019	0.14	0.14	0.14	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 18, 2019	0.14	0.14	0.14	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 18, 2019	2.00	2.00	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 18, 2019	0.50	0.50	0.50	100.0%
18840422	397	10	SHARP	13126500	6	Jul 18, 2019	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 18, 2019	0.64	0.64	0.64	100.0%
18840422	24	120	SHARP	13126500	6	Jul 18, 2019	0.08	0.08	0.08	100.0%
18840422	2525	1903	SHARP	13126500	6	Jul 18, 2019	0.08	0.08	0.08	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 18, 2019	0.12	0.12	0.12	100.0%
18840422	284	228	SHARP	13126500	6	Jul 18, 2019	0.13	0.13	0.13	100.0%
18840422	544	2189	SHARP	13126500	6	Jul 18, 2019	1.00	1.00	1.00	100.0%
18840422	347	938	SHARP	13126500	6	Jul 18, 2019	2.48	2.48	2.48	100.0%
18840423	280	1860	SHARP	13126500	6	Jul 18, 2019	0.50	0.50	0.50	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 18, 2019	1.60	1.60	1.60	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 18, 2019	0.80	0.80	0.80	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 18, 2019	0.77	0.77	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 18, 2019	1.23	1.23	1.23	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 18, 2019	0.40	0.40	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 18, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 18, 2019	1.80	1.80	1.80	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 18, 2019	0.01	0.01	0.01	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 18, 2019	0.04	0.05	0.04	100.0%

18840520	219	547	MOORE	13132050	4	Jul 18, 2019	1.15	1.34	1.15	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 18, 2019	0.78	0.91	0.78	100.0%
18840520	14	2061	MOORE	13132050	4	Jul 18, 2019	0.04	0.05	0.04	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 18, 2019	2.14	2.50	2.14	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 18, 2019	0.38	0.44	0.38	100.0%
18840520	263	394	MOORE	13132050	4	Jul 18, 2019	0.22	0.26	0.22	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 18, 2019	2.24	2.61	2.24	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 18, 2019	0.18	0.21	0.18	100.0%
18840520	242	210	MOORE	13132050	4	Jul 18, 2019	0.21	0.24	0.21	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 18, 2019	0.68	0.79	0.68	100.0%
18840520	14	2002	MOORE	13132050	4	Jul 18, 2019	0.02	0.02	0.02	100.0%
18840520	463	1300	MOORE	13132050	4	Jul 18, 2019	1.60	1.87	1.60	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 18, 2019	0.22	0.26	0.22	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 18, 2019	0.90	1.05	0.90	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 18, 2019	0.01	0.01	0.01	100.0%
18840520	433	271	MOORE	13132050	4	Jul 18, 2019	0.54	0.63	0.54	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 18, 2019	0.02	0.02	0.02	100.0%
18840520	113	585	MOORE	13132050	4	Jul 18, 2019	0.11	0.13	0.11	100.0%
18840520	427	1	MOORE	13132050	4	Jul 18, 2019	1.16	1.35	1.16	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 18, 2019	1.60	1.87	1.60	100.0%
18840520	96	451	MOORE	13132050	4	Jul 18, 2019	0.58	0.68	0.58	100.0%
18840520	180	470	MOORE	13132050	4	Jul 18, 2019	0.16	0.19	0.16	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.80	0.93	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 18, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 18, 2019	0.72	0.72	0.72	100.0%
18840601	96	453	MOORE	13132050	4	Jul 18, 2019	0.21	0.24	0.21	100.0%
18840601	573	1723	MOORE	13132050	4	Jul 18, 2019	0.12	0.14	0.12	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 18, 2019	0.01	0.01	0.01	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 18, 2019	0.08	0.09	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 18, 2019	0.54	0.63	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 18, 2019	0.09	0.10	0.09	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 18, 2019	1.52	1.77	1.52	100.0%
18840601	263	395	MOORE	13132050	4	Jul 18, 2019	0.08	0.09	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 18, 2019	1.28	1.49	1.28	100.0%
18840601	15	131	MOORE	13132050	4	Jul 18, 2019	0.37	0.43	0.37	100.0%
18840601	573	1722	MOORE	13132050	4	Jul 18, 2019	0.04	0.05	0.04	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 18, 2019	0.16	0.19	0.16	100.0%
18840601	360	693	BURNETT	13127750	5	Jul 18, 2019	0.80	0.80	0.80	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 18, 2019	0.46	0.46	0.46	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 18, 2019	0.20	0.20	0.20	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 18, 2019	0.40	0.40	0.40	100.0%
18840601	73	2027	BURNETT	13127750	5	Jul 18, 2019	0.23	0.23	0.23	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 18, 2019	0.27	0.27	0.27	100.0%
18840601	73	2026	BURNETT	13127750	5	Jul 18, 2019	0.37	0.37	0.37	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 18, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 18, 2019	0.96	0.96	0.96	100.0%
18840601	317	940	No Tellum 2	13123070	8	Jul 18, 2019	0.64	0.64	0.64	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 18, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 18, 2019	0.80	0.80	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 18, 2019	0.80	0.93	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 18, 2019	0.74	0.86	0.74	100.0%
18840715	459	798	MOORE	13132050	4	Jul 18, 2019	0.80	0.93	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 18, 2019	1.20	1.40	1.20	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 18, 2019	1.20	1.40	1.20	100.0%
18840715	15	799	MOORE	13132050	4	Jul 18, 2019	0.80	0.93	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 18, 2019	0.80	0.93	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 18, 2019	0.49	0.57	0.49	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 18, 2019	0.80	0.93	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Jul 18, 2019	0.76	0.89	0.76	100.0%
18840831	533	421	MOORE	13132050	4	Jul 18, 2019	0.14	0.16	0.14	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 18, 2019	0.20	0.23	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 18, 2019	0.58	0.68	0.58	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 18, 2019	1.31	1.53	1.31	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.40	0.47	0.40	100.0%

18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.44	0.51	0.44	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.50	0.58	0.50	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.40	0.47	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 18, 2019	3.20	3.73	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 18, 2019	1.74	1.74	1.74	100.0%
18840914	360	68	BURNETT	13127750	5	Jul 18, 2019	0.80	0.80	0.80	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 18, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jul 18, 2019	1.76	2.05	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 18, 2019	0.89	1.04	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 18, 2019	1.25	1.46	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Jul 18, 2019	0.58	0.68	0.58	100.0%
18841012	70	341	MOORE	13132050	4	Jul 18, 2019	0.31	0.36	0.31	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 18, 2019	0.81	0.81	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 18, 2019	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 18, 2019	0.74	0.74	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 18, 2019	3.30	3.30	3.30	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 18, 2019	2.78	2.78	2.78	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 18, 2019	0.40	0.40	0.40	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jul 18, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 18, 2019	0.66	0.66	0.66	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 18, 2019	0.79	0.79	0.79	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 18, 2019	1.10	1.10	1.10	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 18, 2019	2.00	2.00	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jul 18, 2019	0.61	0.61	0.61	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 18, 2019	1.65	1.65	1.65	100.0%
18850501	468	59	ARCO	13132365	2	Jul 18, 2019	0.74	1.19	0.74	100.0%
18850501	423	186	ARCO	13132365	2	Jul 18, 2019	0.26	0.42	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Jul 18, 2019	0.20	0.32	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 18, 2019	0.24	0.28	0.24	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 18, 2019	0.20	0.23	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 18, 2019	1.80	2.10	1.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 18, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 18, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.20	0.23	0.20	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.20	0.23	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	1.40	1.63	1.40	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 18, 2019	0.30	0.35	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Jul 18, 2019	1.14	1.33	1.14	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 18, 2019	0.56	0.65	0.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 18, 2019	0.04	0.05	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 18, 2019	1.56	1.81	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	3.20	3.73	3.20	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 18, 2019	3.20	3.20	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jul 18, 2019	2.00	2.00	2.00	100.0%
18850601	205	2064	BECK	13130525	4	Jul 18, 2019	0.40	0.47	0.40	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 18, 2019	1.20	1.40	1.20	100.0%
18850601	15	859	MOORE	13132050	4	Jul 18, 2019	0.50	0.58	0.50	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Jul 18, 2019	0.72	0.72	0.72	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 18, 2019	0.40	0.40	0.40	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 18, 2019	2.60	2.60	2.60	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jul 18, 2019	1.66	1.66	1.66	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Jul 18, 2019	0.80	0.80	0.80	100.0%
18850601	544	2205	SHARP	13126500	6	Jul 18, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Jul 18, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jul 18, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 18, 2019	0.28	0.28	0.28	100.0%
18851002	437	62	ARCO	13132365	2	Jul 18, 2019	1.54	2.47	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jul 18, 2019	3.60	5.78	3.60	100.0%
18851002	318	545	MUNSEY	13132375	2	Jul 18, 2019	0.75	1.20	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Jul 18, 2019	0.80	1.28	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 18, 2019	2.73	2.73	2.73	100.0%
18860501	305	927	3IN1	13130605	4	Jul 18, 2019	1.60	1.87	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 18, 2019	2.80	3.27	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jul 18, 2019	1.20	1.40	1.20	100.0%

18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 18, 2019	7.04	8.21	7.04	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 18, 2019	0.01	0.01	0.01	100.0%
18860512	96	459	MOORE	13132050	4	Jul 18, 2019	0.48	0.56	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 18, 2019	0.18	0.21	0.18	100.0%
18860512	263	398	MOORE	13132050	4	Jul 18, 2019	0.18	0.21	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	1.77	2.06	1.77	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 18, 2019	0.09	0.10	0.09	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 18, 2019	2.40	2.80	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 18, 2019	0.20	0.23	0.20	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	1.44	1.68	1.44	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	1.24	1.45	1.24	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	1.60	1.87	1.60	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jul 18, 2019	0.50	0.50	0.50	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	1.30	1.52	1.30	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.10	0.12	0.10	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.86	1.00	0.86	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jul 18, 2019	1.31	1.31	1.31	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 18, 2019	0.85	0.85	0.85	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 18, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 18, 2019	1.86	1.86	1.86	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 18, 2019	3.20	3.20	3.20	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 18, 2019	1.60	1.87	1.60	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 18, 2019	3.20	3.73	3.20	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 18, 2019	0.80	0.93	0.80	100.0%
18870313	70	337	MOORE	13132050	4	Jul 18, 2019	0.23	0.27	0.23	100.0%
18870313	433	683	MOORE	13132050	4	Jul 18, 2019	0.70	0.82	0.70	100.0%
18870313	459	338	MOORE	13132050	4	Jul 18, 2019	0.42	0.49	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jul 18, 2019	0.65	0.76	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	Jul 18, 2019	0.80	0.80	0.80	100.0%
18870313	73	2028	BURNETT	13127750	5	Jul 18, 2019	1.05	1.05	1.05	100.0%
18870313	73	2029	BURNETT	13127750	5	Jul 18, 2019	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 18, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 18, 2019	2.82	2.82	2.82	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 18, 2019	3.20	5.14	3.20	100.0%
18870601	423	76	ARCO	13132365	2	Jul 18, 2019	0.22	0.35	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 18, 2019	1.80	2.89	1.80	100.0%
18870601	468	893	ARCO	13132365	2	Jul 18, 2019	1.40	2.25	1.40	100.0%
18870601	19	892	MUNSEY	13132375	2	Jul 18, 2019	1.20	1.93	1.20	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jul 18, 2019	0.50	0.80	0.50	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 18, 2019	1.00	1.17	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 18, 2019	3.10	3.62	3.10	100.0%
18870601	252	353	DARLINGTON	13127735	5	Jul 18, 2019	0.43	0.43	0.43	100.0%
18870601	73	2023	BURNETT	13127750	5	Jul 18, 2019	0.69	0.69	0.69	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 18, 2019	0.92	0.92	0.92	100.0%
18870601	73	2022	BURNETT	13127750	5	Jul 18, 2019	1.11	1.11	1.11	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 18, 2019	1.24	1.24	1.24	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 18, 2019	0.12	0.12	0.12	100.0%
18870601	317	941	No Tellum 2	13123070	8	Jul 18, 2019	0.08	0.08	0.08	100.0%
18870701	423	102	ARCO	13132365	2	Jul 18, 2019	1.60	2.57	1.60	100.0%
18870701	423	656	ARCO	13132365	2	Jul 18, 2019	0.14	0.22	0.14	100.0%
18870801	623	2203	BURNETT	13127750	5	Jul 18, 2019	0.53	0.53	0.53	100.0%
18870801	73	2017	BURNETT	13127750	5	Jul 18, 2019	0.26	0.26	0.26	100.0%
18870801	73	2016	BURNETT	13127750	5	Jul 18, 2019	0.62	0.62	0.62	100.0%
18870831	623	2201	BURNETT	13127750	5	Jul 18, 2019	0.12	0.12	0.12	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 18, 2019	0.54	0.54	0.54	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 18, 2019	0.43	0.43	0.43	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 18, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 18, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jul 18, 2019	0.33	0.53	0.33	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	2.40	2.80	2.40	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 18, 2019	0.61	0.61	0.61	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 18, 2019	0.98	0.98	0.98	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 18, 2019	0.99	0.99	0.99	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 18, 2019	3.20	3.20	3.20	100.0%

18880601	629	1497	HOWELL	13120490	10	Jul 18, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 18, 2019	0.40	0.64	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 18, 2019	0.81	0.81	0.81	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 18, 2019	0.64	0.64	0.64	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 18, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 18, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	KENT	13120605	9	Jul 18, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 18, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 18, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 18, 2019	0.77	0.77	0.77	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 18, 2019	1.59	1.59	1.59	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Jul 18, 2019	1.05	1.05	1.05	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Jul 18, 2019	0.39	0.39	0.39	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 18, 2019	0.82	0.96	0.82	100.0%
18890601	463	1396	MOORE	13132050	4	Jul 18, 2019	0.20	0.23	0.20	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 18, 2019	0.35	0.41	0.35	100.0%
18890601	441	205	MOORE	13132050	4	Jul 18, 2019	0.97	1.13	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 18, 2019	0.50	0.58	0.50	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 18, 2019	2.00	2.00	2.00	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 18, 2019	2.70	2.70	2.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 18, 2019	1.20	1.20	1.20	100.0%
18900601	372	886	ARCO	13132365	2	Jul 18, 2019	0.59	0.95	0.59	100.0%
18900601	48	1023	MUNSEY	13132375	2	Jul 18, 2019	3.60	5.78	3.60	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 18, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 18, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 18, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 18, 2019	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 18, 2019	0.24	0.24	0.24	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 18, 2019	0.60	0.70	0.60	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 18, 2019	5.00	5.00	5.00	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 18, 2019	0.28	0.33	0.28	100.0%
18920101	2615	1643	MOORE	13132050	4	Jul 18, 2019	1.17	1.36	1.17	100.0%
18920501	468	60	ARCO	13132365	2	Jul 18, 2019	0.02	0.03	0.02	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 18, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 18, 2019	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jul 18, 2019	0.22	0.26	0.22	100.0%
18930201	158	538	MOORE	13132050	4	Jul 18, 2019	0.03	0.03	0.03	100.0%
18930201	463	1423	MOORE	13132050	4	Jul 18, 2019	0.30	0.35	0.30	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 18, 2019	0.30	0.35	0.30	100.0%
18930201	414	1865	MOORE	13132050	4	Jul 18, 2019	0.30	0.35	0.30	100.0%
18930323	77	366	MOORE	13132050	4	Jul 18, 2019	1.60	1.87	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jul 18, 2019	1.50	1.75	1.50	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 18, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	Jul 18, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	KENT	13120605	9	Jul 18, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 18, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 18, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 18, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 18, 2019	0.60	0.60	0.60	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 18, 2019	0.44	0.44	0.44	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 18, 2019	2.80	2.80	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 18, 2019	2.24	2.24	2.24	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 18, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 18, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jul 18, 2019	0.80	0.93	0.80	100.0%
18940531	77	800	MOORE	13132050	4	Jul 18, 2019	0.74	0.86	0.74	100.0%
18940531	5	776	MOORE	13132050	4	Jul 18, 2019	0.20	0.23	0.20	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 18, 2019	3.20	5.14	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jul 18, 2019	0.15	0.17	0.15	100.0%
18940601	158	536	MOORE	13132050	4	Jul 18, 2019	0.02	0.02	0.02	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	3.06	3.57	3.06	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 18, 2019	0.11	0.11	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	Jul 18, 2019	1.60	1.60	1.60	100.0%
18940601	139	713	BURNETT	13127750	5	Jul 18, 2019	0.80	0.80	0.80	100.0%

18940601	632	1724	SHARP	13126500	6	Jul 18, 2019	0.12	0.12	0.12	100.0%
18940601	284	229	SHARP	13126500	6	Jul 18, 2019	0.21	0.21	0.21	100.0%
18940601	2525	1904	SHARP	13126500	6	Jul 18, 2019	0.08	0.08	0.08	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jul 18, 2019	0.38	0.38	0.38	100.0%
18940926	252	357	DARLINGTON	13127735	5	Jul 18, 2019	0.30	0.30	0.30	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 18, 2019	3.20	3.20	3.20	100.0%
18950601	158	534	MOORE	13132050	4	Jul 18, 2019	0.01	0.01	0.01	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 18, 2019	0.80	0.93	0.80	100.0%
18950601	242	212	MOORE	13132050	4	Jul 18, 2019	0.11	0.13	0.11	100.0%
18950601	417	378	MOORE	13132050	4	Jul 18, 2019	0.10	0.12	0.10	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.80	0.93	0.80	100.0%
18950601	251	1342	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.80	0.93	0.80	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.40	0.47	0.40	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 18, 2019	2.40	2.40	2.40	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 18, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 18, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jul 18, 2019	2.38	2.78	2.38	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 18, 2019	2.62	2.62	2.62	100.0%
18960302	402	872	MOORE	13132050	4	Jul 18, 2019	0.25	0.30	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jul 18, 2019	0.25	0.30	0.25	100.0%
18960327	29	839	MOORE	13132050	4	Jul 18, 2019	1.60	1.87	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 18, 2019	2.45	2.45	2.45	100.0%
18960601	459	993	MOORE	13132050	4	Jul 18, 2019	0.40	0.47	0.40	100.0%
18960601	441	207	MOORE	13132050	4	Jul 18, 2019	0.99	1.15	0.99	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 18, 2019	0.40	0.47	0.40	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 18, 2019	1.57	1.83	1.57	100.0%
18960601	417	992	MOORE	13132050	4	Jul 18, 2019	1.20	1.40	1.20	100.0%
18960601	417	381	MOORE	13132050	4	Jul 18, 2019	2.40	2.80	2.40	100.0%
18960601	406	65	MOORE	13132050	4	Jul 18, 2019	0.30	0.35	0.30	100.0%
18960601	158	540	MOORE	13132050	4	Jul 18, 2019	0.32	0.37	0.32	100.0%
18960601	402	876	MOORE	13132050	4	Jul 18, 2019	0.08	0.10	0.08	100.0%
18960601	463	128	MOORE	13132050	4	Jul 18, 2019	0.08	0.09	0.08	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 18, 2019	0.40	0.47	0.40	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 18, 2019	0.44	0.51	0.44	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 18, 2019	1.22	1.42	1.22	100.0%
18960601	309	877	MOORE	13132050	4	Jul 18, 2019	0.08	0.10	0.08	100.0%
18960601	263	399	MOORE	13132050	4	Jul 18, 2019	0.27	0.31	0.27	100.0%
18960601	96	461	MOORE	13132050	4	Jul 18, 2019	0.73	0.85	0.73	100.0%
18960601	96	457	MOORE	13132050	4	Jul 18, 2019	0.92	1.07	0.92	100.0%
18960601	263	397	MOORE	13132050	4	Jul 18, 2019	0.35	0.41	0.35	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 18, 2019	0.03	0.03	0.03	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 18, 2019	2.40	2.80	2.40	100.0%
18960601	533	424	MOORE	13132050	4	Jul 18, 2019	0.11	0.13	0.11	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 18, 2019	0.02	0.02	0.02	100.0%
18960601	15	1106	MOORE	13132050	4	Jul 18, 2019	1.17	1.36	1.17	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 18, 2019	0.23	0.27	0.23	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 18, 2019	0.60	0.70	0.60	100.0%
18960601	634	1547	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.06	0.07	0.06	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 18, 2019	0.41	0.48	0.41	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.04	0.04	0.04	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 18, 2019	0.70	0.82	0.70	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jul 18, 2019	0.64	0.75	0.09	14.8%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.04	0.04	0.04	100.0%
18960601	252	359	DARLINGTON	13127735	5	Jul 18, 2019	0.89	0.89	0.89	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jul 18, 2019	1.15	1.15	1.15	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 18, 2019	6.40	6.40	6.40	100.0%
18960630	660	1634	DARLINGTON	13127735	5	Jul 18, 2019	1.30	1.30	1.30	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 18, 2019	2.00	3.21	2.00	100.0%
18960801	252	363	DARLINGTON	13127735	5	Jul 18, 2019	0.60	0.60	0.60	100.0%
18960801	544	2206	SHARP	13126500	6	Jul 18, 2019	0.60	0.60	0.60	100.0%
18960801	280	1186	SHARP	13126500	6	Jul 18, 2019	0.26	0.26	0.26	100.0%
18960901	437	671	ARCO	13132365	2	Jul 18, 2019	0.13	0.21	0.13	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 18, 2019	1.97	3.16	1.97	100.0%
18960928	319	1175	MUNSEY	13132375	2	Jul 18, 2019	0.07	0.11	0.07	100.0%

18960928	150	216	MUNSEY	13132375	2	Jul 18, 2019	0.03	0.05	0.03	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 18, 2019	0.51	0.82	0.51	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 18, 2019	4.40	7.06	4.40	100.0%
18960928	90	46	MUNSEY	13132375	2	Jul 18, 2019	1.00	1.61	1.00	100.0%
18970510	437	664	ARCO	13132365	2	Jul 18, 2019	0.98	1.57	0.98	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 18, 2019	3.00	3.00	3.00	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 18, 2019	3.44	3.44	3.44	100.0%
18970510	411	674	DARLINGTON	13127735	5	Jul 18, 2019	2.80	2.80	2.80	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 18, 2019	2.00	2.00	2.00	100.0%
18970531	589	1312	BURNETT	13127750	5	Jul 18, 2019	1.88	1.88	1.88	100.0%
18970601	533	427	MOORE	13132050	4	Jul 18, 2019	0.03	0.03	0.03	100.0%
18970601	306	1696	MOORE	13132050	4	Jul 18, 2019	0.16	0.19	0.16	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 18, 2019	3.20	3.20	3.20	100.0%
18970615	242	214	MOORE	13132050	4	Jul 18, 2019	0.22	0.26	0.22	100.0%
18970615	306	1697	MOORE	13132050	4	Jul 18, 2019	0.16	0.19	0.16	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 18, 2019	0.13	0.15	0.13	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 18, 2019	2.50	2.50	2.50	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.65	0.76	0.65	100.0%
18980601	634	1548	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.46	0.54	0.46	100.0%
18980601	251	958	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.32	0.37	0.32	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.65	0.76	0.65	100.0%
18980601	336	984	BURNETT	13127750	5	Jul 18, 2019	0.40	0.40	0.40	100.0%
18980901	268	562	ARCO	13132365	2	Jul 18, 2019	1.57	2.52	1.57	100.0%
18990327	180	468	MOORE	13132050	4	Jul 18, 2019	0.05	0.06	0.05	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 18, 2019	0.21	0.24	0.21	100.0%
18990327	14	2062	MOORE	13132050	4	Jul 18, 2019	0.01	0.01	0.01	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 18, 2019	0.01	0.01	0.01	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 18, 2019	0.54	0.63	0.54	100.0%
18990327	187	1874	MOORE	13132050	4	Jul 18, 2019	0.01	0.01	0.01	100.0%
18990327	113	584	MOORE	13132050	4	Jul 18, 2019	0.03	0.03	0.03	100.0%
18990327	219	549	MOORE	13132050	4	Jul 18, 2019	0.29	0.34	0.29	100.0%
18990327	187	1873	MOORE	13132050	4	Jul 18, 2019	0.07	0.08	0.07	100.0%
18990327	433	272	MOORE	13132050	4	Jul 18, 2019	0.19	0.22	0.19	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 18, 2019	0.60	0.70	0.60	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jul 18, 2019	2.80	4.49	2.80	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 18, 2019	0.03	0.03	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 18, 2019	0.41	0.48	0.41	100.0%
18990601	2612	2137	SWAUGER	13127600	5	Jul 18, 2019	0.34	0.34	0.34	100.0%
18990601	360	704	BURNETT	13127750	5	Jul 18, 2019	0.30	0.30	0.30	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 18, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 18, 2019	2.74	2.74	2.74	100.0%
18990801	381	48	DARLINGTON	13127735	5	Jul 18, 2019	1.54	1.54	1.54	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jul 18, 2019	0.80	1.28	0.80	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 18, 2019	0.57	0.57	0.57	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 18, 2019	0.46	0.46	0.46	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 18, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 18, 2019	0.21	0.21	0.21	100.0%
19000323	77	44	MOORE	13132050	4	Jul 18, 2019	3.00	3.50	3.00	100.0%
19000924	318	543	MUNSEY	13132375	2	Jul 18, 2019	1.04	1.67	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 18, 2019	4.50	4.50	4.50	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.20	0.23	0.20	100.0%
19010701	660	1557	DARLINGTON	13127735	5	Jul 18, 2019	0.12	0.12	0.12	100.0%
19010722	665	1851	ARCO	13132365	2	Jul 18, 2019	0.15	0.23	0.15	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 18, 2019	3.20	3.20	3.20	100.0%
19010901	319	1512	MUNSEY	13132375	2	Jul 18, 2019	0.43	0.70	0.43	100.0%
19010901	70	339	MOORE	13132050	4	Jul 18, 2019	0.12	0.14	0.12	100.0%
19010901	459	340	MOORE	13132050	4	Jul 18, 2019	0.23	0.27	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jul 18, 2019	0.35	0.41	0.35	100.0%
19011001	96	455	MOORE	13132050	4	Jul 18, 2019	0.30	0.35	0.30	100.0%
19011001	263	396	MOORE	13132050	4	Jul 18, 2019	0.14	0.16	0.14	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 18, 2019	0.01	0.01	0.01	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 18, 2019	2.36	2.36	2.36	100.0%
19020115	442	2143	MUNSEY	13132375	2	Jul 18, 2019	3.20	5.14	3.20	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.20	0.23	0.20	100.0%

19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.20	0.23	0.20	100.0%
19020301	15	81	MOORE	13132050	4	Jul 18, 2019	0.48	0.56	0.48	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 18, 2019	0.31	0.36	0.31	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	1.12	1.31	1.12	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 18, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 18, 2019	0.90	0.90	0.90	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 18, 2019	1.40	1.40	1.40	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 18, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 18, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 18, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 18, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 18, 2019	2.70	3.15	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jul 18, 2019	1.50	1.50	1.50	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 18, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 18, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jul 18, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 18, 2019	1.35	1.35	1.35	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 18, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 18, 2019	0.24	0.24	0.24	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 18, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 18, 2019	0.46	0.46	0.46	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 18, 2019	1.30	1.30	1.30	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 18, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 18, 2019	1.60	1.87	1.60	100.0%
19040526	381	1766	DARLINGTON	13127735	5	Jul 18, 2019	0.32	0.32	0.32	100.0%
19040601	492	1146	DARLINGTON	13127735	5	Jul 18, 2019	0.06	0.06	0.06	100.0%
19040601	338	580	DARLINGTON	13127735	5	Jul 18, 2019	0.55	0.55	0.55	100.0%
19040601	139	731	DARLINGTON	13127735	5	Jul 18, 2019	0.60	0.60	0.60	100.0%
19040601	220	1828	DARLINGTON	13127735	5	Jul 18, 2019	1.33	1.33	1.33	100.0%
19040601	139	1148	DARLINGTON	13127735	5	Jul 18, 2019	0.20	0.20	0.20	100.0%
19040601	279	2127	Anderson	13120745	9	Jul 18, 2019	0.42	0.42	0.42	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jul 18, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 18, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 18, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 18, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 18, 2019	0.13	0.13	0.13	100.0%
19050501	59	2145	KENT	13120605	9	Jul 18, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	KENT	13120605	9	Jul 18, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 18, 2019	0.44	0.44	0.44	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jul 18, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jul 18, 2019	0.62	0.62	0.62	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 18, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	BITTON	13120735	9	Jul 18, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 18, 2019	0.45	0.45	0.45	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 18, 2019	0.34	0.34	0.34	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 18, 2019	0.27	0.27	0.27	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 18, 2019	1.30	1.30	1.30	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 18, 2019	0.50	0.50	0.50	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 18, 2019	1.52	1.52	1.52	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 18, 2019	0.30	0.30	0.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 18, 2019	0.10	0.10	0.10	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 18, 2019	0.65	0.65	0.65	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 18, 2019	0.40	0.40	0.40	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 18, 2019	0.82	0.82	0.82	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 18, 2019	0.12	0.12	0.12	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 18, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 18, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 18, 2019	0.78	0.78	0.78	100.0%
19060501	185	392	3IN1	13130605	4	Jul 18, 2019	0.19	0.22	0.19	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 18, 2019	0.42	0.42	0.42	99.5%
19070711	59	786	KENT	13120605	9	Jul 18, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	KENT	13120605	9	Jul 18, 2019	0.22	0.22	0.22	100.0%
19070711	59	2146	KENT	13120605	9	Jul 18, 2019	0.55	0.55	0.55	100.0%
19070711	59	2146	BITTON	13120735	9	Jul 18, 2019	0.55	0.55	0.55	100.0%

19070711	2610	2094	BITTON	13120735	9	Jul 18, 2019	0.22	0.22	0.22	100.0%
19070711	59	786	BITTON	13120735	9	Jul 18, 2019	0.03	0.03	0.03	100.0%
19080709	475	1098	BURNETT	13127750	5	Jul 18, 2019	2.00	2.00	2.00	100.0%
19081207	459	344	MOORE	13132050	4	Jul 18, 2019	0.33	0.38	0.33	100.0%
19081207	459	1080	MOORE	13132050	4	Jul 18, 2019	0.50	0.58	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jul 18, 2019	0.17	0.20	0.17	100.0%
19090719	2338	1295	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.40	0.47	0.40	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 18, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 18, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 18, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 18, 2019	0.09	0.09	0.09	100.0%
19110517	442	2159	MUNSEY	13132375	2	Jul 18, 2019	0.90	1.44	0.90	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 18, 2019	0.50	0.50	0.50	100.0%
19120415	442	2160	MUNSEY	13132375	2	Jul 18, 2019	0.90	1.44	0.90	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 18, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 18, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 18, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jul 18, 2019	2.40	2.40	2.40	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 18, 2019	1.70	1.70	1.70	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 18, 2019	2.10	2.10	2.10	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.02	0.02	0.02	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jul 18, 2019	0.13	0.15	0.13	100.0%
19130124	29	50	MOORE	13132050	4	Jul 18, 2019	1.56	1.82	1.56	100.0%
19130517	170	1416	MOORE	13132050	4	Jul 18, 2019	0.80	0.93	0.80	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 18, 2019	0.82	0.82	0.82	100.0%
19140103	59	2233	KENT	13120605	9	Jul 18, 2019	0.48	0.48	0.48	100.0%
19140103	59	1361	KENT	13120605	9	Jul 18, 2019	0.04	0.04	0.03	100.0%
19140103	59	1361	BITTON	13120735	9	Jul 18, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 18, 2019	0.48	0.48	0.48	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 18, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 18, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 18, 2019	0.18	0.18	0.18	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 18, 2019	0.12	0.12	0.12	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 18, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 18, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 18, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 18, 2019	0.85	0.85	0.85	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 18, 2019	0.68	0.68	0.68	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 18, 2019	1.99	1.99	1.99	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 18, 2019	4.26	4.26	4.26	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 18, 2019	0.02	0.02	0.02	100.0%
19200601	150	217	MUNSEY	13132375	2	Jul 18, 2019	0.79	1.27	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	Jul 18, 2019	0.01	0.02	0.01	100.0%
19240806	417	695	MOORE	13132050	4	Jul 18, 2019	0.50	0.58	0.50	100.0%
19280501	12	165	MOORE	13132050	4	Jul 18, 2019	0.30	0.35	0.30	100.0%
19540821	2526	717	MUNSEY	13132375	2	Jul 18, 2019	1.20	1.93	1.20	100.0%
19600501	90	175	MOORE	13132050	4	Jul 18, 2019	0.44	0.51	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jul 18, 2019	0.11	0.13	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jul 18, 2019	4.90	5.72	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jul 18, 2019	0.02	0.03	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jul 18, 2019	4.40	7.06	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 18, 2019	16.00	25.68	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jul 18, 2019	1.00	1.61	1.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jul 18, 2019	0.82	0.96	0.82	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jul 18, 2019	9969.40	9969.40	50.40	0.5%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 19, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 19	490.0	3.0	0.0	493.0	0.00	493.0	3.0	0.0	0.0	490.0	0.0	0.0
9	Howell to Chilly	Jul 19	307.0	101.2	0.0	-81.8	0.17	411.2	97.0	4.3	0.0	311.3	-4.3	0.0
8	Chilly to Reservoir	* Jul 19	478.0	60.5	0.0	231.5	0.00	642.7	54.8	5.7	0.0	488.0	-10.0	0.0
	Disconnected													
7	Mackay Reservoir	* Jul 19	537.0	0.0	0.0	478.0	0.00	478.0	53.1		0.0	424.9	112.1	0.0
6	Reservoir to 2B	Jul 19	526.0	11.0	0.0	0.0	0.00	478.0	10.0	1.0	0.0	414.8	111.2	0.0
5	2B to Leslie	Jul 19	380.0	142.3	0.0	-3.7	0.01	478.0	126.2	16.1	0.0	285.8	94.2	0.0
4	Leslie to Moore	Jul 19	101.5	214.7	0.0	-63.8	0.17	478.0	163.4	51.3	0.0	74.4	27.1	0.0
2	Moore to blw Munsey	Jul 19	6.0	79.4	19.5	-35.6	0.35	478.0	48.3	11.5	19.6	0.0	6.0	0.0
1	Blw Munsey to Arco	Jul 19	6.3	0.0	0.0	0.3	0.00	478.3	0.0	0.0	0.0	0.3	6.0	0.0
								TOTAL	555.7	89.9	19.6			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 19	0.0	0.0		20180101	0%
9	Howell to Chilly	Jul 19	0.0	0.0		20180101	0%
8	Chilly to Reservoir	Jul 19	0.0	0.0		20180101	0%
	Disconnected						
7	Mackay Reservoir	Jul 19	0.0	0.0		20180101	0%
6	Reservoir to 2B	Jul 19	0.0	0.0		20180101	0%
5	2B to Leslie	Jul 19	2.9	0.8		20180101	0%
4	Leslie to Moore	Jul 19	48.0	15.8		20180101	0%
2	Moore to blw Munsey	Jul 19	26.1	9.5		20180101	0%
1	Blw Munsey to Arco	Jul 19	0.0	0.0		20180101	0%
		TOTAL	77.0	26.1	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	507.8
2	18810630	1.7	294.0	269.8
3	18880601	3.2	556.5	507.8
4	18960601	6.4	1113.0	1015.6
5	19020301	0.8	140.0	126.9
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118331.1

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
44070.0	43920.0	-150.0	-75.6	16.6

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74480.1
Total Storage Loss	-40013.7
Total Storage Deliver	-18043.5
Total Evaporation	-1373.0
Accounting Balance	43919.8
Current Res Content	43920.0
Storage Balance Error	-0.2

DAILY STORAGE BALANCE

44070.0	Reservoir Content Previous Day [ac-ft]
43920.0	Reservoir Content Current Day [ac-ft]
-150.0	Physical Change in Storage [ac-ft]
105.3	Storage Allocated to Mackay Reservoir [ac-ft]
-63.7	Stored Flow Losses [ac-ft]
-0.8	2B to Leslie [cfs]
-15.8	Leslie to Moore [cfs]
-9.5	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-6.0	Past Arco Gage [cfs]
-164.6	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
1.0	Reservoir to 2B [cfs]
16.1	2B to Leslie [cfs]
51.3	Leslie to Moore [cfs]
14.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-32.9	Evaporation [ac-ft]
-155.9	Accounting Change in Storage [ac-ft]
-5.9	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

478.0	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.3	Gain in Reach 1: Munsey to Arco [cfs]
478.3	Total Available Natural Flow [cfs]
53.1	Reservoir Rights Diverted [cfs]
77.3	Natural Flow Losses below Reservoir [cfs]
2.9	2B to Leslie [cfs]
48.0	Leslie to Moore [cfs]
26.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.3	Natural Flow Past Arco Gage [cfs]
347.9	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
10.0	Reservoir to 2B [cfs]
126.2	2B to Leslie [cfs]
163.4	Leslie to Moore [cfs]
48.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
478.3	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	9.0	450
Eastside Felton Wier +	41.0	2050
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.5	976
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	69.5	3476
Groundwater to Arco	0.0	0
Groundwater to Munsey	19.5	976

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	1.5	77
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	4.3	213
Island Wanstrom David +	0.0	0
Eastside OUT	43.9	2195
Total Out	58.8	2942

Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.85

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)		
	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 84.6%
Step 2 - Groundwater at Eastside Out		
	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 16.5 cfs
Step 3 - River at Eastside Out		
	Eastside Out - Groundwater at Eastside Out	= 27.4 cfs
Step 4 - River at Weirs		
	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 32.3 cfs
Step 5 - Upper Reach Delivery Factor		
	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 96.4%
Step 6 - River at Eastside In		
	River at Weirs --- Upper Reach Delivery Factor	= 33.6 cfs
Step 7 - Canal at Eastside In		
	Eastside In - River at Eastside In	= 41.4 cfs
Step 8 - Canal Delivery Factor		
	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 89.8%
Step 9 - Eastside River Delivery Factor		
	River at Eastside Out --- River at Eastside In	= 81.6%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 19, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	2.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	5.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.0	1.0	26.1
9	BITTON	5.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	5.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	29.6	8.0	410.7
9	Thalman Hunter D	4.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	54.7	3.7	785.6
9	NEILSEN	48.2	4.3	570.3	8	Smith Pumps	2.0	0.0	6.0	5	BURNETT	58.0	4.4	1546.3
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	29.0	0.0	0.0	8	Broken River Pum	2.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	12.3	8.8	818.1
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	1.5	0.0	0.0	4	PEHRSON	4.0	4.0	497.9
8	Donahue 1	0.8	0.7	120.8	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	10.0	2.2	43.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	281.7
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	8.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	145.0	30.3	3290.9
8	Mtn. Springs 1	0.0	5.0	561.2	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	41.4	5.9	8254.5
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	31.4	12.9	1172.1
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	48.0	1.6	479.8
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	5.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	2.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	4.0	507.8	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.5	77.4
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	0.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	0.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 19, 2019	4.00	4.00	4.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 19, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 19, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 19, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 19, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 19, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 19, 2019	1.92	1.92	1.92	100.0%
18820601	317	939	No Tellum 2	13123070	8	Jul 19, 2019	1.28	1.28	1.28	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 19, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jul 19, 2019	2.00	2.00	2.00	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 19, 2019	0.27	0.33	0.27	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 19, 2019	1.54	1.86	1.54	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 19, 2019	0.79	0.96	0.79	100.0%
18830601	224	854	MOORE	13132050	4	Jul 19, 2019	2.84	3.44	2.84	100.0%
18830601	221	855	MOORE	13132050	4	Jul 19, 2019	1.60	1.94	1.60	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 19, 2019	1.13	1.37	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 19, 2019	1.73	2.09	1.73	100.0%
18830810	96	449	MOORE	13132050	4	Jul 19, 2019	0.48	0.58	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 19, 2019	0.18	0.22	0.18	100.0%
18830810	263	393	MOORE	13132050	4	Jul 19, 2019	0.18	0.22	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 19, 2019	0.01	0.01	0.01	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.21	0.26	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.43	0.52	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.21	0.26	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 19, 2019	1.30	1.57	1.30	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 19, 2019	0.14	0.17	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 19, 2019	1.51	1.52	1.51	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 19, 2019	1.12	1.13	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 19, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Jul 19, 2019	0.12	0.12	0.12	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Jul 19, 2019	1.62	1.63	1.62	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 19, 2019	2.17	2.19	2.17	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 19, 2019	0.96	0.97	0.96	100.0%
18840422	492	1291	DARLINGTON	13127735	5	Jul 19, 2019	0.14	0.14	0.14	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 19, 2019	0.55	0.55	0.55	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 19, 2019	0.14	0.14	0.14	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 19, 2019	1.63	1.64	1.63	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 19, 2019	1.44	1.45	1.44	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 19, 2019	0.20	0.20	0.20	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 19, 2019	0.50	0.50	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 19, 2019	1.92	1.93	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 19, 2019	2.00	2.01	2.00	100.0%
18840422	397	10	SHARP	13126500	6	Jul 19, 2019	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 19, 2019	0.64	0.64	0.64	100.0%
18840422	284	228	SHARP	13126500	6	Jul 19, 2019	0.13	0.13	0.13	100.0%
18840422	2525	1903	SHARP	13126500	6	Jul 19, 2019	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	Jul 19, 2019	2.49	2.49	2.49	100.0%
18840422	24	120	SHARP	13126500	6	Jul 19, 2019	0.08	0.08	0.08	100.0%
18840422	544	2189	SHARP	13126500	6	Jul 19, 2019	1.00	1.00	1.00	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 19, 2019	0.12	0.12	0.12	100.0%
18840423	280	1860	SHARP	13126500	6	Jul 19, 2019	0.50	0.50	0.50	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 19, 2019	1.60	1.61	1.60	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 19, 2019	0.80	0.81	0.80	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 19, 2019	0.40	0.40	0.40	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 19, 2019	0.40	0.40	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 19, 2019	0.77	0.78	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 19, 2019	1.23	1.24	1.23	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 19, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 19, 2019	1.80	1.80	1.80	100.0%

18840520	340	816	MOORE	13132050	4	Jul 19, 2019	0.36	0.44	0.36	100.0%
18840520	463	1300	MOORE	13132050	4	Jul 19, 2019	1.60	1.94	1.60	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 19, 2019	1.60	1.94	1.60	100.0%
18840520	96	451	MOORE	13132050	4	Jul 19, 2019	0.58	0.70	0.58	100.0%
18840520	433	271	MOORE	13132050	4	Jul 19, 2019	0.54	0.65	0.54	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 19, 2019	0.22	0.27	0.22	100.0%
18840520	113	585	MOORE	13132050	4	Jul 19, 2019	0.11	0.13	0.11	100.0%
18840520	427	1	MOORE	13132050	4	Jul 19, 2019	1.14	1.38	1.14	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 19, 2019	0.18	0.22	0.18	100.0%
18840520	242	210	MOORE	13132050	4	Jul 19, 2019	0.21	0.25	0.21	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 19, 2019	0.90	1.09	0.90	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 19, 2019	0.68	0.82	0.68	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 19, 2019	2.14	2.59	2.14	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 19, 2019	2.24	2.71	2.24	100.0%
18840520	219	547	MOORE	13132050	4	Jul 19, 2019	1.15	1.39	1.15	100.0%
18840520	14	2002	MOORE	13132050	4	Jul 19, 2019	0.02	0.02	0.02	100.0%
18840520	14	2061	MOORE	13132050	4	Jul 19, 2019	0.04	0.05	0.04	100.0%
18840520	263	394	MOORE	13132050	4	Jul 19, 2019	0.22	0.27	0.22	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 19, 2019	0.01	0.01	0.01	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 19, 2019	0.02	0.02	0.02	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 19, 2019	0.01	0.01	0.01	100.0%
18840520	180	470	MOORE	13132050	4	Jul 19, 2019	0.16	0.19	0.16	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 19, 2019	0.04	0.05	0.04	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 19, 2019	0.78	0.94	0.78	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 19, 2019	0.38	0.46	0.38	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.80	0.97	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 19, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 19, 2019	0.72	0.73	0.72	100.0%
18840601	96	453	MOORE	13132050	4	Jul 19, 2019	0.21	0.25	0.21	100.0%
18840601	573	1722	MOORE	13132050	4	Jul 19, 2019	0.04	0.05	0.04	100.0%
18840601	573	1723	MOORE	13132050	4	Jul 19, 2019	0.12	0.15	0.12	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 19, 2019	0.08	0.10	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 19, 2019	0.54	0.65	0.54	100.0%
18840601	15	131	MOORE	13132050	4	Jul 19, 2019	0.37	0.45	0.37	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 19, 2019	1.52	1.84	1.52	100.0%
18840601	263	395	MOORE	13132050	4	Jul 19, 2019	0.08	0.10	0.08	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 19, 2019	0.01	0.01	0.01	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 19, 2019	1.28	1.55	1.28	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 19, 2019	0.09	0.11	0.09	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 19, 2019	0.16	0.19	0.16	100.0%
18840601	360	693	BURNETT	13127750	5	Jul 19, 2019	0.80	0.81	0.80	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 19, 2019	0.20	0.20	0.20	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 19, 2019	0.40	0.40	0.40	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 19, 2019	0.27	0.27	0.27	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 19, 2019	0.80	0.81	0.80	100.0%
18840601	73	2027	BURNETT	13127750	5	Jul 19, 2019	0.23	0.23	0.23	100.0%
18840601	73	2026	BURNETT	13127750	5	Jul 19, 2019	0.37	0.37	0.37	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 19, 2019	0.73	0.74	0.73	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 19, 2019	0.40	0.40	0.40	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 19, 2019	0.96	0.96	0.96	100.0%
18840601	317	940	No Tellum 2	13123070	8	Jul 19, 2019	0.64	0.64	0.64	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 19, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 19, 2019	0.80	0.80	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 19, 2019	0.72	0.87	0.72	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 19, 2019	1.20	1.45	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jul 19, 2019	0.80	0.97	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 19, 2019	0.80	0.97	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Jul 19, 2019	0.80	0.97	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 19, 2019	0.80	0.97	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 19, 2019	1.20	1.45	1.20	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 19, 2019	0.47	0.57	0.47	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 19, 2019	0.80	0.97	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Jul 19, 2019	0.72	0.87	0.72	100.0%
18840831	533	421	MOORE	13132050	4	Jul 19, 2019	0.14	0.17	0.14	100.0%

18840831	306	1200	MOORE	13132050	4	Jul 19, 2019	0.20	0.24	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 19, 2019	0.58	0.70	0.58	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.40	0.48	0.40	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.40	0.48	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.44	0.53	0.44	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.50	0.61	0.50	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 19, 2019	1.31	1.59	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 19, 2019	3.20	3.87	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 19, 2019	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 19, 2019	0.40	0.40	0.40	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 19, 2019	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Jul 19, 2019	0.80	0.81	0.80	100.0%
18841012	205	2067	BECK	13130525	4	Jul 19, 2019	1.76	2.13	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 19, 2019	0.89	1.08	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 19, 2019	1.25	1.51	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Jul 19, 2019	0.58	0.70	0.58	100.0%
18841012	70	341	MOORE	13132050	4	Jul 19, 2019	0.31	0.38	0.31	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 19, 2019	0.81	0.82	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 19, 2019	2.77	2.79	2.77	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 19, 2019	2.78	2.80	2.78	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 19, 2019	3.30	3.32	3.30	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 19, 2019	0.74	0.75	0.74	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 19, 2019	0.40	0.40	0.40	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jul 19, 2019	1.09	1.10	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 19, 2019	0.66	0.66	0.66	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 19, 2019	1.65	1.66	1.65	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 19, 2019	1.10	1.11	1.10	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 19, 2019	2.00	2.01	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 19, 2019	0.79	0.80	0.79	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jul 19, 2019	0.61	0.61	0.61	100.0%
18850501	423	87	ARCO	13132365	2	Jul 19, 2019	0.20	0.37	0.20	100.0%
18850501	423	186	ARCO	13132365	2	Jul 19, 2019	0.26	0.48	0.26	100.0%
18850501	468	59	ARCO	13132365	2	Jul 19, 2019	0.74	1.38	0.74	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 19, 2019	0.20	0.24	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 19, 2019	1.80	2.18	1.80	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 19, 2019	0.24	0.29	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 19, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 19, 2019	0.50	0.50	0.50	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.20	0.24	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	1.40	1.69	1.40	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.20	0.24	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jul 19, 2019	1.10	1.33	1.10	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 19, 2019	0.30	0.36	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 19, 2019	0.56	0.68	0.56	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 19, 2019	1.56	1.88	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 19, 2019	0.04	0.05	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	2.80	3.39	2.80	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jul 19, 2019	2.00	2.01	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 19, 2019	3.20	3.22	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 19, 2019	0.40	0.48	0.40	100.0%
18850601	15	859	MOORE	13132050	4	Jul 19, 2019	0.50	0.61	0.50	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 19, 2019	1.20	1.45	1.20	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Jul 19, 2019	0.70	0.70	0.70	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 19, 2019	0.40	0.40	0.40	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jul 19, 2019	1.66	1.67	1.66	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 19, 2019	2.60	2.62	2.60	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Jul 19, 2019	0.80	0.81	0.80	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 19, 2019	1.54	1.55	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jul 19, 2019	1.16	1.16	1.16	100.0%
18850601	544	2205	SHARP	13126500	6	Jul 19, 2019	0.80	0.80	0.80	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jul 19, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 19, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 19, 2019	3.08	3.10	3.08	100.0%
18851002	437	62	ARCO	13132365	2	Jul 19, 2019	1.54	2.87	1.54	100.0%

18851002	468	61	ARCO	13132365	2	Jul 19, 2019	3.60	6.71	3.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 19, 2019	2.73	2.73	2.73	100.0%
18860501	305	927	3IN1	13130605	4	Jul 19, 2019	1.60	1.94	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jul 19, 2019	1.20	1.45	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 19, 2019	2.80	3.39	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 19, 2019	4.56	5.52	4.56	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 19, 2019	0.01	0.01	0.01	100.0%
18860512	263	398	MOORE	13132050	4	Jul 19, 2019	0.18	0.22	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jul 19, 2019	0.48	0.58	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 19, 2019	0.18	0.22	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	1.41	1.71	1.41	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 19, 2019	2.40	2.90	2.40	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 19, 2019	0.09	0.11	0.09	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 19, 2019	0.20	0.24	0.20	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	1.60	1.94	1.60	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	1.10	1.33	1.10	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	1.24	1.50	1.24	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jul 19, 2019	0.50	0.50	0.50	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.02	0.02	0.02	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.10	0.12	0.10	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	1.00	1.21	1.00	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jul 19, 2019	1.31	1.32	1.31	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 19, 2019	0.85	0.86	0.85	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 19, 2019	0.80	0.81	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 19, 2019	1.64	1.65	1.64	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 19, 2019	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	Jul 19, 2019	2.31	2.33	2.31	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 19, 2019	1.60	1.94	1.60	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 19, 2019	3.20	3.87	3.20	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 19, 2019	0.80	0.97	0.80	100.0%
18870313	459	682	MOORE	13132050	4	Jul 19, 2019	0.65	0.79	0.65	100.0%
18870313	433	683	MOORE	13132050	4	Jul 19, 2019	0.70	0.85	0.70	100.0%
18870313	70	337	MOORE	13132050	4	Jul 19, 2019	0.23	0.28	0.23	100.0%
18870313	459	338	MOORE	13132050	4	Jul 19, 2019	0.42	0.51	0.42	100.0%
18870313	360	681	BURNETT	13127750	5	Jul 19, 2019	0.80	0.81	0.80	100.0%
18870313	73	2029	BURNETT	13127750	5	Jul 19, 2019	0.65	0.65	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Jul 19, 2019	1.05	1.06	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 19, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 19, 2019	2.82	2.82	2.82	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 19, 2019	3.20	5.96	3.20	100.0%
18870601	423	76	ARCO	13132365	2	Jul 19, 2019	0.22	0.41	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 19, 2019	1.80	3.36	1.80	100.0%
18870601	468	893	ARCO	13132365	2	Jul 19, 2019	1.40	2.61	1.40	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jul 19, 2019	0.50	0.93	0.50	100.0%
18870601	19	892	MUNSEY	13132375	2	Jul 19, 2019	1.20	2.24	1.20	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 19, 2019	1.00	1.21	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 19, 2019	3.20	3.87	3.20	100.0%
18870601	252	353	DARLINGTON	13127735	5	Jul 19, 2019	0.43	0.43	0.43	100.0%
18870601	73	2022	BURNETT	13127750	5	Jul 19, 2019	1.11	1.12	1.11	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 19, 2019	0.92	0.93	0.92	100.0%
18870601	73	2023	BURNETT	13127750	5	Jul 19, 2019	0.69	0.69	0.69	100.0%
18870601	525	1471	BURNETT	13127750	5	Jul 19, 2019	1.35	1.36	1.35	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 19, 2019	1.24	1.24	1.24	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 19, 2019	0.12	0.12	0.12	100.0%
18870601	317	941	No Tellum 2	13123070	8	Jul 19, 2019	0.08	0.08	0.08	100.0%
18870701	423	102	ARCO	13132365	2	Jul 19, 2019	1.60	2.98	1.60	100.0%
18870701	423	656	ARCO	13132365	2	Jul 19, 2019	0.14	0.26	0.14	100.0%
18870801	623	2203	BURNETT	13127750	5	Jul 19, 2019	0.37	0.38	0.37	100.0%
18870801	73	2016	BURNETT	13127750	5	Jul 19, 2019	0.02	0.02	0.02	100.0%
18870801	119	1166	BURNETT	13127750	5	Jul 19, 2019	0.27	0.27	0.27	100.0%
18870831	119	1154	BURNETT	13127750	5	Jul 19, 2019	0.64	0.64	0.64	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 19, 2019	0.54	0.54	0.54	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 19, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 19, 2019	0.20	0.20	0.20	100.0%

18880401	2329	1733	NEILSEN	13120805	9	Jul 19, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jul 19, 2019	0.33	0.62	0.33	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	2.30	2.78	2.30	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 19, 2019	0.98	0.99	0.98	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 19, 2019	0.60	0.61	0.60	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 19, 2019	1.00	1.00	1.00	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 19, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 19, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 19, 2019	0.40	0.75	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 19, 2019	0.81	0.81	0.81	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 19, 2019	0.64	0.64	0.64	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 19, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 19, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 19, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	KENT	13120605	9	Jul 19, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 19, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 19, 2019	0.83	0.83	0.83	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 19, 2019	1.59	1.60	1.59	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Jul 19, 2019	1.05	1.06	1.05	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Jul 19, 2019	0.35	0.35	0.35	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 19, 2019	0.82	0.99	0.82	100.0%
18890601	463	1396	MOORE	13132050	4	Jul 19, 2019	0.20	0.24	0.20	100.0%
18890601	441	205	MOORE	13132050	4	Jul 19, 2019	0.97	1.17	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 19, 2019	0.50	0.61	0.50	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 19, 2019	0.35	0.42	0.35	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 19, 2019	2.00	2.01	2.00	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 19, 2019	1.20	1.21	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 19, 2019	2.70	2.72	2.70	100.0%
18900601	372	886	ARCO	13132365	2	Jul 19, 2019	0.59	1.10	0.59	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 19, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 19, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 19, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 19, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 19, 2019	1.76	1.76	1.76	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 19, 2019	0.60	0.73	0.60	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 19, 2019	5.00	5.00	5.00	100.0%
18920101	2615	1643	MOORE	13132050	4	Jul 19, 2019	1.17	1.42	1.17	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 19, 2019	0.28	0.34	0.28	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jul 19, 2019	0.80	0.97	0.80	100.0%
18920501	468	60	ARCO	13132365	2	Jul 19, 2019	0.02	0.04	0.02	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 19, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 19, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 19, 2019	0.30	0.36	0.30	100.0%
18930201	158	538	MOORE	13132050	4	Jul 19, 2019	0.03	0.04	0.03	100.0%
18930201	463	1423	MOORE	13132050	4	Jul 19, 2019	0.30	0.36	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jul 19, 2019	0.22	0.27	0.22	100.0%
18930201	414	1865	MOORE	13132050	4	Jul 19, 2019	0.30	0.36	0.30	100.0%
18930323	77	688	MOORE	13132050	4	Jul 19, 2019	1.50	1.82	1.50	100.0%
18930323	77	366	MOORE	13132050	4	Jul 19, 2019	1.60	1.94	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 19, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 19, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	KENT	13120605	9	Jul 19, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	KENT	13120605	9	Jul 19, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 19, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 19, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 19, 2019	0.60	0.60	0.60	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 19, 2019	1.96	1.97	1.96	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 19, 2019	2.80	2.82	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 19, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 19, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 19, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jul 19, 2019	0.80	0.97	0.80	100.0%
18940531	77	800	MOORE	13132050	4	Jul 19, 2019	0.74	0.90	0.74	100.0%
18940531	5	776	MOORE	13132050	4	Jul 19, 2019	0.20	0.24	0.20	100.0%

18940601	223	1363	MUNSEY	13132375	2	Jul 19, 2019	3.20	5.96	3.20	100.0%
18940601	158	536	MOORE	13132050	4	Jul 19, 2019	0.02	0.02	0.02	100.0%
18940601	417	379	MOORE	13132050	4	Jul 19, 2019	0.15	0.18	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.76	0.92	0.76	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 19, 2019	0.11	0.11	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	Jul 19, 2019	0.94	0.95	0.94	100.0%
18940601	139	713	BURNETT	13127750	5	Jul 19, 2019	0.80	0.81	0.80	100.0%
18940601	284	229	SHARP	13126500	6	Jul 19, 2019	0.21	0.21	0.21	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 19, 2019	0.12	0.12	0.12	100.0%
18940601	2525	1904	SHARP	13126500	6	Jul 19, 2019	0.08	0.08	0.08	100.0%
18940926	252	357	DARLINGTON	13127735	5	Jul 19, 2019	0.30	0.30	0.30	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jul 19, 2019	0.38	0.38	0.38	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 19, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jul 19, 2019	0.10	0.12	0.10	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 19, 2019	0.80	0.97	0.80	100.0%
18950601	158	534	MOORE	13132050	4	Jul 19, 2019	0.01	0.01	0.01	100.0%
18950601	242	212	MOORE	13132050	4	Jul 19, 2019	0.11	0.13	0.11	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.40	0.48	0.40	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 19, 2019	2.40	2.42	2.40	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 19, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 19, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jul 19, 2019	2.36	2.86	2.36	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 19, 2019	2.62	2.64	2.62	100.0%
18960302	309	873	MOORE	13132050	4	Jul 19, 2019	0.25	0.31	0.25	100.0%
18960302	402	872	MOORE	13132050	4	Jul 19, 2019	0.25	0.31	0.25	100.0%
18960327	29	839	MOORE	13132050	4	Jul 19, 2019	1.60	1.94	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 19, 2019	2.45	2.45	2.45	100.0%
18960601	463	128	MOORE	13132050	4	Jul 19, 2019	0.04	0.05	0.04	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 19, 2019	0.40	0.48	0.40	100.0%
18960601	15	1106	MOORE	13132050	4	Jul 19, 2019	1.17	1.42	1.17	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 19, 2019	1.18	1.43	1.18	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 19, 2019	0.03	0.04	0.03	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 19, 2019	0.23	0.28	0.23	100.0%
18960601	417	992	MOORE	13132050	4	Jul 19, 2019	1.20	1.45	1.20	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 19, 2019	0.02	0.02	0.02	100.0%
18960601	459	993	MOORE	13132050	4	Jul 19, 2019	0.40	0.48	0.40	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 19, 2019	0.40	0.48	0.40	100.0%
18960601	441	207	MOORE	13132050	4	Jul 19, 2019	0.91	1.10	0.91	100.0%
18960601	417	381	MOORE	13132050	4	Jul 19, 2019	2.40	2.90	2.40	100.0%
18960601	533	424	MOORE	13132050	4	Jul 19, 2019	0.11	0.13	0.11	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 19, 2019	0.58	0.70	0.58	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 19, 2019	1.56	1.89	1.56	100.0%
18960601	406	65	MOORE	13132050	4	Jul 19, 2019	0.30	0.36	0.30	100.0%
18960601	263	399	MOORE	13132050	4	Jul 19, 2019	0.27	0.33	0.27	100.0%
18960601	402	876	MOORE	13132050	4	Jul 19, 2019	0.08	0.10	0.08	100.0%
18960601	263	397	MOORE	13132050	4	Jul 19, 2019	0.35	0.42	0.35	100.0%
18960601	158	540	MOORE	13132050	4	Jul 19, 2019	0.32	0.39	0.32	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 19, 2019	0.44	0.53	0.44	100.0%
18960601	96	461	MOORE	13132050	4	Jul 19, 2019	0.73	0.88	0.73	100.0%
18960601	96	457	MOORE	13132050	4	Jul 19, 2019	0.92	1.11	0.92	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 19, 2019	2.40	2.90	2.40	100.0%
18960601	309	877	MOORE	13132050	4	Jul 19, 2019	0.08	0.10	0.08	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.04	0.04	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 19, 2019	0.41	0.50	0.41	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 19, 2019	0.70	0.85	0.70	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.04	0.04	0.04	100.0%
18960601	668	1562	LOWER EASTSIDE &	13132291	4	Jul 19, 2019	0.26	0.31	0.26	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jul 19, 2019	0.74	0.90	0.74	100.0%
18960601	252	359	DARLINGTON	13127735	5	Jul 19, 2019	0.89	0.90	0.89	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jul 19, 2019	1.15	1.16	1.15	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 19, 2019	6.40	6.40	6.40	100.0%
18960630	660	1634	DARLINGTON	13127735	5	Jul 19, 2019	1.06	1.07	1.06	100.0%
18960801	252	363	DARLINGTON	13127735	5	Jul 19, 2019	0.40	0.40	0.40	100.0%
18960801	280	1186	SHARP	13126500	6	Jul 19, 2019	0.26	0.26	0.26	100.0%

18960801	544	2206	SHARP	13126500	6	Jul 19, 2019	0.60	0.60	0.60	100.0%
18960901	437	671	ARCO	13132365	2	Jul 19, 2019	0.13	0.24	0.13	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 19, 2019	3.00	5.59	3.00	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 19, 2019	1.97	3.67	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 19, 2019	0.03	0.06	0.03	100.0%
18960928	90	46	MUNSEY	13132375	2	Jul 19, 2019	1.00	1.86	1.00	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 19, 2019	0.51	0.95	0.51	100.0%
18970510	437	664	ARCO	13132365	2	Jul 19, 2019	0.98	1.83	0.98	100.0%
18970510	411	674	DARLINGTON	13127735	5	Jul 19, 2019	2.80	2.82	2.80	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 19, 2019	2.80	2.82	2.80	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 19, 2019	3.44	3.46	3.44	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 19, 2019	2.00	2.00	2.00	100.0%
18970531	589	1312	BURNETT	13127750	5	Jul 19, 2019	1.02	1.03	1.02	100.0%
18970601	306	1696	MOORE	13132050	4	Jul 19, 2019	0.16	0.19	0.16	100.0%
18970601	533	427	MOORE	13132050	4	Jul 19, 2019	0.03	0.04	0.03	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 19, 2019	3.20	3.22	3.20	100.0%
18970615	306	1697	MOORE	13132050	4	Jul 19, 2019	0.16	0.19	0.16	100.0%
18970615	242	214	MOORE	13132050	4	Jul 19, 2019	0.22	0.27	0.22	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 19, 2019	0.13	0.16	0.13	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jul 19, 2019	0.24	0.29	0.24	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 19, 2019	2.40	2.42	2.40	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.65	0.79	0.65	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.65	0.79	0.65	100.0%
18980601	336	984	BURNETT	13127750	5	Jul 19, 2019	0.40	0.40	0.40	100.0%
18980901	268	562	ARCO	13132365	2	Jul 19, 2019	1.57	2.93	1.57	100.0%
18990327	433	272	MOORE	13132050	4	Jul 19, 2019	0.15	0.18	0.15	100.0%
18990327	180	468	MOORE	13132050	4	Jul 19, 2019	0.05	0.06	0.05	100.0%
18990327	187	1873	MOORE	13132050	4	Jul 19, 2019	0.07	0.08	0.07	100.0%
18990327	113	584	MOORE	13132050	4	Jul 19, 2019	0.03	0.04	0.03	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 19, 2019	0.21	0.25	0.21	100.0%
18990327	187	1874	MOORE	13132050	4	Jul 19, 2019	0.01	0.01	0.01	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 19, 2019	0.60	0.73	0.60	100.0%
18990327	219	549	MOORE	13132050	4	Jul 19, 2019	0.29	0.35	0.29	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 19, 2019	0.01	0.01	0.01	100.0%
18990327	14	2062	MOORE	13132050	4	Jul 19, 2019	0.01	0.01	0.01	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 19, 2019	0.54	0.65	0.54	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 19, 2019	0.03	0.04	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 19, 2019	0.39	0.47	0.39	100.0%
18990601	2612	2137	SWAUGER	13127600	5	Jul 19, 2019	0.30	0.30	0.30	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 19, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 19, 2019	0.60	0.60	0.60	100.0%
18990801	381	48	DARLINGTON	13127735	5	Jul 19, 2019	1.54	1.55	1.54	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 19, 2019	0.57	0.57	0.57	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 19, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 19, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 19, 2019	0.46	0.46	0.46	100.0%
19000323	77	44	MOORE	13132050	4	Jul 19, 2019	3.00	3.63	3.00	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 19, 2019	4.50	4.50	4.50	100.0%
19010501	306	852	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.20	0.24	0.20	100.0%
19010722	665	1851	ARCO	13132365	2	Jul 19, 2019	0.15	0.27	0.15	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 19, 2019	3.20	3.20	3.20	100.0%
19010901	70	339	MOORE	13132050	4	Jul 19, 2019	0.12	0.15	0.12	100.0%
19010901	459	340	MOORE	13132050	4	Jul 19, 2019	0.23	0.28	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jul 19, 2019	0.35	0.42	0.35	100.0%
19011001	96	455	MOORE	13132050	4	Jul 19, 2019	0.24	0.29	0.24	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 19, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jul 19, 2019	0.14	0.17	0.14	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 19, 2019	2.36	2.36	2.36	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.20	0.24	0.20	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.20	0.24	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 19, 2019	0.31	0.37	0.31	100.0%
19020301	15	81	MOORE	13132050	4	Jul 19, 2019	0.44	0.53	0.44	100.0%
19020301	306	853	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.44	0.53	0.44	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 19, 2019	0.80	0.80	0.80	100.0%

19020301	307	308	NEILSEN	13120805	9	Jul 19, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 19, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 19, 2019	1.40	1.40	1.40	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 19, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 19, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 19, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 19, 2019	2.70	3.27	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jul 19, 2019	1.50	1.50	1.50	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 19, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 19, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jul 19, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 19, 2019	1.35	1.35	1.35	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 19, 2019	1.08	1.08	1.08	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 19, 2019	0.46	0.46	0.46	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 19, 2019	0.24	0.24	0.24	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 19, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 19, 2019	1.30	1.30	1.30	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 19, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 19, 2019	1.60	1.94	1.60	100.0%
19040526	381	1766	DARLINGTON	13127735	5	Jul 19, 2019	0.02	0.02	0.02	100.0%
19040601	492	1146	DARLINGTON	13127735	5	Jul 19, 2019	0.06	0.06	0.06	100.0%
19040601	338	580	DARLINGTON	13127735	5	Jul 19, 2019	0.38	0.38	0.38	100.0%
19040601	220	1828	DARLINGTON	13127735	5	Jul 19, 2019	1.13	1.14	1.13	100.0%
19040601	139	731	DARLINGTON	13127735	5	Jul 19, 2019	0.60	0.60	0.60	100.0%
19040601	139	1148	DARLINGTON	13127735	5	Jul 19, 2019	0.20	0.20	0.20	100.0%
19040601	279	2127	Anderson	13120745	9	Jul 19, 2019	0.42	0.42	0.42	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jul 19, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 19, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 19, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 19, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 19, 2019	0.13	0.13	0.13	100.0%
19050501	59	2145	KENT	13120605	9	Jul 19, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	KENT	13120605	9	Jul 19, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 19, 2019	0.44	0.44	0.44	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jul 19, 2019	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jul 19, 2019	0.62	0.62	0.62	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 19, 2019	0.44	0.44	0.44	100.0%
19050501	59	784	BITTON	13120735	9	Jul 19, 2019	0.02	0.02	0.02	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 19, 2019	0.45	0.45	0.45	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 19, 2019	0.34	0.34	0.34	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 19, 2019	0.27	0.27	0.27	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 19, 2019	0.30	0.30	0.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 19, 2019	1.52	1.52	1.52	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 19, 2019	0.10	0.10	0.10	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 19, 2019	0.50	0.50	0.50	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 19, 2019	0.65	0.65	0.65	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 19, 2019	0.12	0.12	0.12	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 19, 2019	1.30	1.30	1.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 19, 2019	0.82	0.82	0.82	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 19, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 19, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 19, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 19, 2019	0.78	0.78	0.78	100.0%
19060501	185	392	3IN1	13130605	4	Jul 19, 2019	0.19	0.23	0.19	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 19, 2019	0.42	0.42	0.42	99.5%
19070711	2610	2094	KENT	13120605	9	Jul 19, 2019	0.22	0.22	0.22	100.0%
19070711	59	2146	KENT	13120605	9	Jul 19, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	KENT	13120605	9	Jul 19, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	BITTON	13120735	9	Jul 19, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	BITTON	13120735	9	Jul 19, 2019	0.22	0.22	0.22	100.0%
19070711	59	786	BITTON	13120735	9	Jul 19, 2019	0.03	0.03	0.03	100.0%
19080709	475	1098	BURNETT	13127750	5	Jul 19, 2019	1.62	1.63	1.62	100.0%
19081207	459	1080	MOORE	13132050	4	Jul 19, 2019	0.50	0.61	0.50	100.0%
19081207	70	343	MOORE	13132050	4	Jul 19, 2019	0.17	0.21	0.17	100.0%

19081207	459	344	MOORE	13132050	4	Jul 19, 2019	0.33	0.40	0.33	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 19, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 19, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 19, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 19, 2019	0.09	0.09	0.09	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 19, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 19, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 19, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 19, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jul 19, 2019	2.40	2.40	2.40	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 19, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 19, 2019	1.70	1.70	1.70	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.13	0.16	0.13	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jul 19, 2019	0.02	0.02	0.02	100.0%
19130124	29	50	MOORE	13132050	4	Jul 19, 2019	1.50	1.82	1.50	100.0%
19130517	170	1416	MOORE	13132050	4	Jul 19, 2019	0.80	0.97	0.80	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 19, 2019	0.82	0.82	0.82	100.0%
19140103	59	1361	KENT	13120605	9	Jul 19, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	KENT	13120605	9	Jul 19, 2019	0.48	0.48	0.48	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 19, 2019	0.48	0.48	0.48	100.0%
19140103	59	1361	BITTON	13120735	9	Jul 19, 2019	0.04	0.04	0.04	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 19, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 19, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 19, 2019	0.18	0.18	0.18	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 19, 2019	0.12	0.12	0.12	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 19, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 19, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 19, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 19, 2019	0.85	0.85	0.85	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 19, 2019	0.68	0.68	0.68	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 19, 2019	1.99	1.99	1.99	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 19, 2019	4.26	4.26	4.26	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 19, 2019	0.02	0.02	0.02	100.0%
19200601	150	217	MUNSEY	13132375	2	Jul 19, 2019	0.79	1.47	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	Jul 19, 2019	0.01	0.02	0.01	100.0%
19240806	417	695	MOORE	13132050	4	Jul 19, 2019	0.50	0.61	0.50	100.0%
19280501	12	165	MOORE	13132050	4	Jul 19, 2019	0.28	0.34	0.28	100.0%
19540821	2526	717	MUNSEY	13132375	2	Jul 19, 2019	1.20	2.24	1.20	100.0%
19600501	90	175	MOORE	13132050	4	Jul 19, 2019	0.44	0.53	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jul 19, 2019	0.11	0.13	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jul 19, 2019	4.90	5.93	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jul 19, 2019	0.02	0.04	0.02	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 19, 2019	16.00	29.82	16.00	100.0%
19810501	566	1684	MOORE	13132050	4	Jul 19, 2019	0.82	0.99	0.82	100.0%
20180101	56	1660	MACKAY DAM	13126000	7	Jul 19, 2019	9969.40	9969.40	37.77	0.4%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 20, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		Jul 20	457.0	2.0	0.0	459.0	0.00	459.0	2.0	0.0	0.0	457.0	0.0	0.0
9	Howell to Chilly		Jul 20	277.0	90.2	0.0	-89.8	0.20	369.2	86.0	4.3	0.0	281.3	-4.3	0.0
8	Chilly to Reservoir	*	Jul 20	455.4	57.5	0.0	235.9	0.00	605.1	51.8	5.7	0.0	465.4	-10.0	0.0
	Disconnected														
7	Mackay Reservoir	*	Jul 20	575.8	0.0	0.0	455.4	0.00	457.6	15.3		0.0	440.1	135.7	0.0
6	Reservoir to 2B		Jul 20	565.0	10.8	0.0	0.0	0.00	455.4	10.0	0.8	0.0	430.1	134.9	0.0
5	2B to Leslie		Jul 20	395.0	172.2	0.0	2.2	0.00	457.6	153.0	19.2	0.0	279.3	115.7	0.0
4	Leslie to Moore		Jul 20	92.4	225.7	0.0	-76.9	0.19	457.6	162.4	63.4	0.0	62.6	29.8	0.0
2	Moore to blw Munsey		Jul 20	5.5	80.0	34.4	-41.3	0.45	457.6	34.6	17.4	28.0	0.0	5.5	0.0
1	Blw Munsey to Arco		Jul 20	4.9	0.0	0.0	-0.6	0.10	457.6	0.0	0.0	0.0	0.0	4.9	0.0
								TOTAL		515.0	110.8	28.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 20	0.0	0.0		19171003	100%
9	Howell to Chilly	Jul 20	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Jul 20	0.0	0.0		19171003	100%
	Disconnected						
7	Mackay Reservoir	Jul 20	0.0	0.0		19760505	38%
6	Reservoir to 2B	Jul 20	0.0	0.0		19760505	38%
5	2B to Leslie	Jul 20	0.0	0.0		19760505	38%
4	Leslie to Moore	Jul 20	54.4	22.5		19760505	38%
2	Moore to blw Munsey	Jul 20	27.9	13.3		19760505	38%
1	Blw Munsey to Arco	Jul 20	0.0	0.6		19760505	38%
		TOTAL	82.3	36.4	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	514.1
2	18810630	1.7	294.0	273.1
3	18880601	3.2	556.5	514.1
4	18960601	6.4	1113.0	1028.2
5	19020301	0.8	140.0	128.5
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118361.4

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
43920.0	43650.0	-270.0	-136.1	15.7

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74510.4
Total Storage Loss	-40095.7
Total Storage Deliver	-18243.4
Total Evaporation	-1404.2
Accounting Balance	43637.2
Current Res Content	43650.0
Storage Balance Error	-12.8

DAILY STORAGE BALANCE

43920.0	Reservoir Content Previous Day [ac-ft]
43650.0	Reservoir Content Current Day [ac-ft]
-270.0	Physical Change in Storage [ac-ft]
30.3	Storage Allocated to Mackay Reservoir [ac-ft]
-82.0	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-22.5	Leslie to Moore [cfs]
-13.3	Moore blw Munsey [cfs]
-0.6	blw Munsey to Arco Gage [cfs]
-4.9	Past Arco Gage [cfs]
-203.1	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.8	Reservoir to 2B [cfs]
19.2	2B to Leslie [cfs]
63.4	Leslie to Moore [cfs]
19.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-31.1	Evaporation [ac-ft]
-285.9	Accounting Change in Storage [ac-ft]
-15.9	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

455.4	Gain in/above Mackay Reservoir [cfs]
2.2	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
457.6	Total Available Natural Flow [cfs]
15.3	Reservoir Rights Diverted [cfs]
82.3	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
54.4	Leslie to Moore [cfs]
27.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
360.0	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
10.0	Reservoir to 2B [cfs]
153.0	2B to Leslie [cfs]
162.4	Leslie to Moore [cfs]
34.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
457.6	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	9.4	470
Eastside Felton Wier +	33.6	1680
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	8.0	400
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.5	976
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	6.9	344
Total In	77.4	3870
Groundwater to Arco	6.9	344
Groundwater to Munsey	27.5	1376

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	1.5	77
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	4.3	213
Island Wanstrom David +	0.0	0
Eastside OUT	44.4	2220
Total Out	59.3	2967

Abbreviated Reach Delivery Factor 0.77
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 76.7%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 26.4 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 18.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 23.5 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 88.6%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 26.6 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 48.4 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 79.2%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 67.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 20, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.0	0.0	0.0	8	No Tellum 2	2.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	4.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	10.8	0.8	27.7
9	BITTON	5.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	5.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	31.4	8.5	427.6
9	Thalman Hunter D	4.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	57.8	3.9	793.4
9	NEILSEN	48.2	4.3	578.8	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	83.0	6.8	1559.7
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	19.0	0.0	0.0	8	Broken River Pum	2.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	14.3	9.1	836.1
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	4.0	4.0	505.8
8	Donahue 1	0.8	0.7	122.2	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	10.0	2.2	47.4
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	285.6
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	6.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	147.0	33.1	3356.6
8	Mtn. Springs 1	0.0	5.0	571.1	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	48.4	16.0	8286.2
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	24.0	5.9	1183.9
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	56.0	13.1	505.7
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	5.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	1.5	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	4.0	515.7	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.5	154.9
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	0.0	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	8.0	31.7	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	6.9	27.3	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 20, 2019	2.50	2.50	2.50	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 20, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 20, 2019	0.01	0.01	0.01	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 20, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 20, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 20, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 20, 2019	1.92	1.92	1.92	100.0%
18820601	317	939	No Tellum 2	13123070	8	Jul 20, 2019	1.28	1.28	1.28	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 20, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jul 20, 2019	3.00	3.00	3.00	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 20, 2019	1.54	1.91	1.54	100.0%
18830601	224	854	MOORE	13132050	4	Jul 20, 2019	2.84	3.53	2.84	100.0%
18830601	221	855	MOORE	13132050	4	Jul 20, 2019	1.60	1.99	1.60	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 20, 2019	0.27	0.34	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 20, 2019	0.79	0.98	0.79	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 20, 2019	1.13	1.40	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 20, 2019	1.73	2.15	1.73	100.0%
18830810	96	449	MOORE	13132050	4	Jul 20, 2019	0.48	0.60	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 20, 2019	0.18	0.22	0.18	100.0%
18830810	263	393	MOORE	13132050	4	Jul 20, 2019	0.18	0.22	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 20, 2019	0.01	0.01	0.01	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.21	0.26	0.21	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.21	0.26	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.43	0.53	0.43	100.0%
18840422	236	30	BECK	13130525	4	Jul 20, 2019	1.64	2.04	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 20, 2019	0.14	0.17	0.14	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Jul 20, 2019	1.62	1.62	1.62	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 20, 2019	1.53	1.53	1.53	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 20, 2019	0.07	0.07	0.07	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 20, 2019	1.12	1.12	1.12	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Jul 20, 2019	0.12	0.12	0.12	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 20, 2019	0.20	0.20	0.20	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 20, 2019	0.55	0.55	0.55	100.0%
18840422	492	1291	DARLINGTON	13127735	5	Jul 20, 2019	0.14	0.14	0.14	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 20, 2019	1.44	1.44	1.44	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 20, 2019	0.14	0.14	0.14	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 20, 2019	2.17	2.17	2.17	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 20, 2019	1.63	1.63	1.63	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 20, 2019	0.96	0.96	0.96	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 20, 2019	0.50	0.50	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 20, 2019	1.92	1.92	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 20, 2019	2.00	2.00	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 20, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 20, 2019	0.21	0.21	0.21	100.0%
18840422	24	120	SHARP	13126500	6	Jul 20, 2019	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 20, 2019	0.64	0.64	0.64	100.0%
18840422	284	228	SHARP	13126500	6	Jul 20, 2019	0.13	0.13	0.13	100.0%
18840422	397	10	SHARP	13126500	6	Jul 20, 2019	0.12	0.12	0.12	100.0%
18840422	2525	1903	SHARP	13126500	6	Jul 20, 2019	0.08	0.08	0.08	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 20, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Jul 20, 2019	2.47	2.47	2.47	100.0%
18840422	544	2189	SHARP	13126500	6	Jul 20, 2019	1.00	1.00	1.00	100.0%
18840423	280	1860	SHARP	13126500	6	Jul 20, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jul 20, 2019	0.68	0.84	0.68	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 20, 2019	0.80	0.80	0.80	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 20, 2019	0.77	0.77	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 20, 2019	1.23	1.23	1.23	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 20, 2019	0.40	0.40	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 20, 2019	1.60	1.60	1.60	100.0%

18840430	623	2234	BURNETT	13127750	5	Jul 20, 2019	0.40	0.40	0.40	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 20, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 20, 2019	0.22	0.22	0.22	100.0%
18840520	96	451	MOORE	13132050	4	Jul 20, 2019	0.58	0.72	0.58	100.0%
18840520	14	2002	MOORE	13132050	4	Jul 20, 2019	0.02	0.02	0.02	100.0%
18840520	113	585	MOORE	13132050	4	Jul 20, 2019	0.11	0.14	0.11	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 20, 2019	0.22	0.27	0.22	100.0%
18840520	14	2061	MOORE	13132050	4	Jul 20, 2019	0.04	0.05	0.04	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 20, 2019	0.90	1.12	0.90	100.0%
18840520	340	816	MOORE	13132050	4	Jul 20, 2019	0.36	0.45	0.36	100.0%
18840520	242	210	MOORE	13132050	4	Jul 20, 2019	0.21	0.26	0.21	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 20, 2019	0.01	0.01	0.01	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 20, 2019	0.04	0.05	0.04	100.0%
18840520	463	1300	MOORE	13132050	4	Jul 20, 2019	1.60	1.99	1.60	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 20, 2019	2.24	2.78	2.24	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 20, 2019	2.14	2.66	2.14	100.0%
18840520	433	271	MOORE	13132050	4	Jul 20, 2019	0.54	0.67	0.54	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 20, 2019	0.18	0.22	0.18	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 20, 2019	0.02	0.02	0.02	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 20, 2019	0.01	0.01	0.01	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 20, 2019	0.38	0.47	0.38	100.0%
18840520	180	470	MOORE	13132050	4	Jul 20, 2019	0.16	0.20	0.16	100.0%
18840520	263	394	MOORE	13132050	4	Jul 20, 2019	0.22	0.27	0.22	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 20, 2019	0.78	0.97	0.78	100.0%
18840520	219	547	MOORE	13132050	4	Jul 20, 2019	1.15	1.43	1.15	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 20, 2019	0.68	0.84	0.68	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 20, 2019	1.60	1.99	1.60	100.0%
18840520	427	1	MOORE	13132050	4	Jul 20, 2019	1.14	1.42	1.14	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.80	0.99	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 20, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 20, 2019	0.72	0.72	0.72	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 20, 2019	0.08	0.10	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Jul 20, 2019	0.21	0.26	0.21	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 20, 2019	0.54	0.67	0.54	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 20, 2019	1.52	1.89	1.52	100.0%
18840601	15	131	MOORE	13132050	4	Jul 20, 2019	0.37	0.46	0.37	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 20, 2019	0.09	0.11	0.09	100.0%
18840601	573	1723	MOORE	13132050	4	Jul 20, 2019	0.12	0.15	0.12	100.0%
18840601	573	1722	MOORE	13132050	4	Jul 20, 2019	0.04	0.05	0.04	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 20, 2019	0.01	0.01	0.01	100.0%
18840601	263	395	MOORE	13132050	4	Jul 20, 2019	0.08	0.10	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 20, 2019	1.28	1.59	1.28	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 20, 2019	0.16	0.20	0.16	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 20, 2019	0.73	0.73	0.73	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 20, 2019	0.80	0.80	0.80	100.0%
18840601	73	2027	BURNETT	13127750	5	Jul 20, 2019	0.23	0.23	0.23	100.0%
18840601	73	2026	BURNETT	13127750	5	Jul 20, 2019	0.37	0.37	0.37	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 20, 2019	0.20	0.20	0.20	100.0%
18840601	360	693	BURNETT	13127750	5	Jul 20, 2019	0.80	0.80	0.80	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 20, 2019	0.40	0.40	0.40	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 20, 2019	0.27	0.27	0.27	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 20, 2019	0.38	0.38	0.38	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 20, 2019	0.96	0.96	0.96	100.0%
18840601	317	940	No Tellum 2	13123070	8	Jul 20, 2019	0.64	0.64	0.64	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 20, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 20, 2019	0.80	0.80	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 20, 2019	0.80	0.99	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Jul 20, 2019	0.80	0.99	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 20, 2019	0.72	0.89	0.72	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 20, 2019	0.80	0.99	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 20, 2019	1.20	1.49	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jul 20, 2019	0.80	0.99	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 20, 2019	1.20	1.49	1.20	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 20, 2019	0.80	0.99	0.80	100.0%

18840731	44	1132	MOORE	13132050	4	Jul 20, 2019	0.72	0.89	0.72	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 20, 2019	0.47	0.58	0.47	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 20, 2019	0.58	0.72	0.58	100.0%
18840831	533	421	MOORE	13132050	4	Jul 20, 2019	0.14	0.17	0.14	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 20, 2019	0.20	0.25	0.20	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.40	0.50	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.44	0.55	0.44	100.0%
18840831	2431	1799	EASTSIDE FIELD H	13132061	4	Jul 20, 2019	0.13	0.16	0.13	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.40	0.50	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 20, 2019	1.31	1.63	1.31	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.50	0.62	0.50	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 20, 2019	3.20	3.97	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 20, 2019	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 20, 2019	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Jul 20, 2019	0.80	0.80	0.80	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 20, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jul 20, 2019	1.76	2.19	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Jul 20, 2019	0.31	0.38	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Jul 20, 2019	0.58	0.72	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 20, 2019	0.89	1.11	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 20, 2019	1.25	1.55	1.25	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 20, 2019	0.41	0.41	0.41	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 20, 2019	3.30	3.30	3.30	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jul 20, 2019	1.20	1.20	1.20	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 20, 2019	0.74	0.74	0.74	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 20, 2019	2.78	2.78	2.78	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 20, 2019	0.81	0.81	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 20, 2019	2.77	2.77	2.77	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jul 20, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 20, 2019	0.65	0.65	0.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 20, 2019	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 20, 2019	1.65	1.65	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jul 20, 2019	0.61	0.61	0.61	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 20, 2019	0.79	0.79	0.79	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 20, 2019	1.10	1.10	1.10	100.0%
18850501	468	59	ARCO	13132365	2	Jul 20, 2019	0.74	1.66	0.74	100.0%
18850501	423	186	ARCO	13132365	2	Jul 20, 2019	0.26	0.58	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Jul 20, 2019	0.20	0.45	0.20	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 20, 2019	0.20	0.25	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 20, 2019	0.24	0.30	0.24	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 20, 2019	1.80	2.24	1.80	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 20, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 20, 2019	0.50	0.50	0.50	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.20	0.25	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	1.40	1.74	1.40	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.20	0.25	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jul 20, 2019	1.10	1.37	1.10	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 20, 2019	0.30	0.37	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 20, 2019	0.56	0.70	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 20, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 20, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 20, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 20, 2019	0.19	0.19	0.19	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 20, 2019	1.56	1.93	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 20, 2019	0.04	0.05	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	2.80	3.48	2.80	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 20, 2019	3.20	3.20	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jul 20, 2019	2.00	2.00	2.00	100.0%
18850601	205	2064	BECK	13130525	4	Jul 20, 2019	0.52	0.65	0.52	100.0%
18850601	15	859	MOORE	13132050	4	Jul 20, 2019	0.50	0.62	0.50	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 20, 2019	1.20	1.49	1.20	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Jul 20, 2019	0.72	0.72	0.72	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 20, 2019	2.60	2.60	2.60	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 20, 2019	0.40	0.40	0.40	100.0%

18850601	220	1809	DARLINGTON	13127735	5	Jul 20, 2019	0.80	0.80	0.80	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jul 20, 2019	1.66	1.66	1.66	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 20, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jul 20, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Jul 20, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jul 20, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 20, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 20, 2019	3.08	3.08	3.08	100.0%
18851002	468	61	ARCO	13132365	2	Jul 20, 2019	3.60	8.08	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Jul 20, 2019	1.54	3.46	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 20, 2019	2.61	2.61	2.61	100.0%
18860501	305	927	3IN1	13130605	4	Jul 20, 2019	1.60	1.99	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jul 20, 2019	1.20	1.49	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 20, 2019	2.80	3.48	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 20, 2019	4.56	5.66	4.56	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 20, 2019	0.18	0.22	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jul 20, 2019	0.48	0.60	0.48	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 20, 2019	0.01	0.01	0.01	100.0%
18860512	263	398	MOORE	13132050	4	Jul 20, 2019	0.18	0.22	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	1.41	1.75	1.41	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 20, 2019	2.40	2.98	2.40	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 20, 2019	0.09	0.11	0.09	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 20, 2019	0.20	0.25	0.20	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	1.10	1.37	1.10	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	1.24	1.54	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	Jul 20, 2019	1.60	1.60	1.60	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.10	0.12	0.10	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	1.00	1.24	1.00	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.02	0.02	0.02	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 20, 2019	0.85	0.85	0.85	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jul 20, 2019	1.31	1.31	1.31	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 20, 2019	2.48	2.48	2.48	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 20, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 20, 2019	1.50	1.50	1.50	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 20, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 20, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 20, 2019	1.26	1.26	1.26	100.0%
18860914	525	1472	BURNETT	13127750	5	Jul 20, 2019	2.31	2.31	2.31	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 20, 2019	1.60	1.99	1.60	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 20, 2019	3.20	3.97	3.20	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 20, 2019	0.80	0.99	0.80	100.0%
18870313	70	337	MOORE	13132050	4	Jul 20, 2019	0.23	0.29	0.23	100.0%
18870313	433	683	MOORE	13132050	4	Jul 20, 2019	0.70	0.87	0.70	100.0%
18870313	459	338	MOORE	13132050	4	Jul 20, 2019	0.42	0.52	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jul 20, 2019	0.65	0.81	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Jul 20, 2019	1.05	1.05	1.05	100.0%
18870313	73	2029	BURNETT	13127750	5	Jul 20, 2019	0.65	0.65	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	Jul 20, 2019	0.80	0.80	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 20, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 20, 2019	2.69	2.69	2.69	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 20, 2019	1.80	4.04	1.80	100.0%
18870601	423	76	ARCO	13132365	2	Jul 20, 2019	0.22	0.49	0.22	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jul 20, 2019	0.50	1.12	0.50	100.0%
18870601	19	892	MUNSEY	13132375	2	Jul 20, 2019	1.20	2.69	1.20	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 20, 2019	1.00	1.24	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 20, 2019	3.20	3.97	3.20	100.0%
18870601	252	353	DARLINGTON	13127735	5	Jul 20, 2019	0.43	0.43	0.43	100.0%
18870601	73	2023	BURNETT	13127750	5	Jul 20, 2019	0.69	0.69	0.69	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 20, 2019	0.92	0.92	0.92	100.0%
18870601	73	2022	BURNETT	13127750	5	Jul 20, 2019	1.11	1.11	1.11	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 20, 2019	0.95	0.95	0.95	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 20, 2019	0.25	0.25	0.25	100.0%
18870601	525	1471	BURNETT	13127750	5	Jul 20, 2019	0.59	0.59	0.59	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 20, 2019	1.24	1.24	1.24	100.0%

18870601	317	941	No Tellum 1	13123060	8	Jul 20, 2019	0.12	0.12	0.12	100.0%
18870601	317	941	No Tellum 2	13123070	8	Jul 20, 2019	0.08	0.08	0.08	100.0%
18870630	236	1428	BECK	13130525	4	Jul 20, 2019	0.64	0.79	0.64	100.0%
18870630	490	1395	BURNETT	13127750	5	Jul 20, 2019	0.80	0.80	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 20, 2019	0.80	0.80	0.80	100.0%
18870701	423	102	ARCO	13132365	2	Jul 20, 2019	1.60	3.59	1.60	100.0%
18870701	423	656	ARCO	13132365	2	Jul 20, 2019	1.04	2.33	1.04	100.0%
18870801	73	2017	BURNETT	13127750	5	Jul 20, 2019	0.38	0.38	0.38	100.0%
18870801	119	1166	BURNETT	13127750	5	Jul 20, 2019	0.27	0.27	0.27	100.0%
18870801	73	2016	BURNETT	13127750	5	Jul 20, 2019	0.62	0.62	0.62	100.0%
18870801	623	2203	BURNETT	13127750	5	Jul 20, 2019	0.53	0.53	0.53	100.0%
18870831	119	1154	BURNETT	13127750	5	Jul 20, 2019	1.20	1.20	1.20	100.0%
18870831	623	2201	BURNETT	13127750	5	Jul 20, 2019	0.82	0.82	0.82	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 20, 2019	0.54	0.54	0.54	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 20, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 20, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 20, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jul 20, 2019	0.33	0.74	0.33	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	1.44	1.79	1.44	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 20, 2019	0.61	0.61	0.61	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 20, 2019	0.98	0.98	0.98	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 20, 2019	0.99	0.99	0.99	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 20, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 20, 2019	1.60	1.60	1.60	100.0%
18880630	490	1826	BURNETT	13127750	5	Jul 20, 2019	0.24	0.24	0.24	100.0%
18880630	490	1750	BURNETT	13127750	5	Jul 20, 2019	0.06	0.06	0.06	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 20, 2019	0.40	0.90	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 20, 2019	0.81	0.81	0.81	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 20, 2019	0.64	0.64	0.64	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 20, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 20, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	KENT	13120605	9	Jul 20, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 20, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 20, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 20, 2019	0.77	0.77	0.77	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 20, 2019	1.59	1.59	1.59	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Jul 20, 2019	0.45	0.45	0.45	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Jul 20, 2019	1.05	1.05	1.05	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 20, 2019	0.82	1.02	0.82	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 20, 2019	0.50	0.62	0.50	100.0%
18890601	463	1396	MOORE	13132050	4	Jul 20, 2019	0.20	0.25	0.20	100.0%
18890601	441	205	MOORE	13132050	4	Jul 20, 2019	0.97	1.20	0.97	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 20, 2019	0.35	0.43	0.35	100.0%
18890601	119	996	BURNETT	13127750	5	Jul 20, 2019	0.40	0.40	0.40	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 20, 2019	1.20	1.20	1.20	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 20, 2019	0.80	0.80	0.80	100.0%
18890601	490	1786	BURNETT	13127750	5	Jul 20, 2019	0.95	0.95	0.95	100.0%
18890601	490	1748	BURNETT	13127750	5	Jul 20, 2019	0.25	0.25	0.25	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 20, 2019	2.70	2.70	2.70	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 20, 2019	2.00	2.00	2.00	100.0%
18900601	372	886	ARCO	13132365	2	Jul 20, 2019	0.59	1.32	0.59	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 20, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 20, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 20, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 20, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 20, 2019	1.76	1.76	1.76	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 20, 2019	0.60	0.75	0.60	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 20, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 20, 2019	3.00	3.00	3.00	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 20, 2019	0.28	0.35	0.28	100.0%
18920101	2615	1643	MOORE	13132050	4	Jul 20, 2019	1.17	1.45	1.17	100.0%
18920101	668	1642	LOWER EASTSIDE &	13132291	4	Jul 20, 2019	0.80	0.99	0.80	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 20, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 20, 2019	1.45	1.45	1.45	100.0%

18930201	459	1423	MOORE	13132050	4	Jul 20, 2019	0.30	0.37	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jul 20, 2019	0.22	0.27	0.22	100.0%
18930201	414	1865	MOORE	13132050	4	Jul 20, 2019	0.30	0.37	0.30	100.0%
18930201	463	1423	MOORE	13132050	4	Jul 20, 2019	0.30	0.37	0.30	100.0%
18930201	158	538	MOORE	13132050	4	Jul 20, 2019	0.03	0.04	0.03	100.0%
18930323	77	688	MOORE	13132050	4	Jul 20, 2019	1.50	1.86	1.50	100.0%
18930323	77	366	MOORE	13132050	4	Jul 20, 2019	1.60	1.99	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 20, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	Jul 20, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	KENT	13120605	9	Jul 20, 2019	0.03	0.03	0.03	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 20, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 20, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 20, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 20, 2019	0.58	0.58	0.58	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 20, 2019	2.80	2.80	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 20, 2019	1.82	1.82	1.82	100.0%
18940310	357	15	BURNETT	13127750	5	Jul 20, 2019	2.18	2.18	2.18	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 20, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 20, 2019	2.50	2.50	2.50	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 20, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jul 20, 2019	0.80	0.99	0.80	100.0%
18940531	5	776	MOORE	13132050	4	Jul 20, 2019	0.20	0.25	0.20	100.0%
18940531	77	800	MOORE	13132050	4	Jul 20, 2019	0.74	0.92	0.74	100.0%
18940601	417	379	MOORE	13132050	4	Jul 20, 2019	0.15	0.19	0.15	100.0%
18940601	158	536	MOORE	13132050	4	Jul 20, 2019	0.02	0.02	0.02	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.76	0.94	0.76	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 20, 2019	0.11	0.11	0.11	100.0%
18940601	139	713	BURNETT	13127750	5	Jul 20, 2019	0.80	0.80	0.80	100.0%
18940601	360	698	BURNETT	13127750	5	Jul 20, 2019	1.60	1.60	1.60	100.0%
18940601	2525	1904	SHARP	13126500	6	Jul 20, 2019	0.08	0.08	0.08	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 20, 2019	0.12	0.12	0.12	100.0%
18940601	284	229	SHARP	13126500	6	Jul 20, 2019	0.21	0.21	0.21	100.0%
18940926	252	357	DARLINGTON	13127735	5	Jul 20, 2019	0.30	0.30	0.30	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jul 20, 2019	0.38	0.38	0.38	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 20, 2019	3.20	3.20	3.20	100.0%
18950601	158	534	MOORE	13132050	4	Jul 20, 2019	0.01	0.01	0.01	100.0%
18950601	417	378	MOORE	13132050	4	Jul 20, 2019	0.10	0.12	0.10	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 20, 2019	0.80	0.99	0.80	100.0%
18950601	242	212	MOORE	13132050	4	Jul 20, 2019	0.11	0.14	0.11	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.40	0.50	0.40	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 20, 2019	2.40	2.40	2.40	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 20, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 20, 2019	0.02	0.02	0.02	100.0%
18950610	430	628	MOORE	13132050	4	Jul 20, 2019	2.36	2.93	2.36	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 20, 2019	2.62	2.62	2.62	100.0%
18960302	402	872	MOORE	13132050	4	Jul 20, 2019	0.25	0.31	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jul 20, 2019	0.25	0.31	0.25	100.0%
18960327	29	839	MOORE	13132050	4	Jul 20, 2019	1.60	1.99	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 20, 2019	0.71	0.71	0.71	100.0%
18960601	96	457	MOORE	13132050	4	Jul 20, 2019	0.92	1.14	0.92	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 20, 2019	0.40	0.50	0.40	100.0%
18960601	15	1106	MOORE	13132050	4	Jul 20, 2019	1.17	1.45	1.17	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 20, 2019	0.23	0.29	0.23	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 20, 2019	1.18	1.47	1.18	100.0%
18960601	96	461	MOORE	13132050	4	Jul 20, 2019	0.73	0.91	0.73	100.0%
18960601	406	65	MOORE	13132050	4	Jul 20, 2019	0.30	0.37	0.30	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 20, 2019	0.44	0.55	0.44	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 20, 2019	0.03	0.04	0.03	100.0%
18960601	417	381	MOORE	13132050	4	Jul 20, 2019	2.40	2.98	2.40	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 20, 2019	0.58	0.72	0.58	100.0%
18960601	158	540	MOORE	13132050	4	Jul 20, 2019	0.32	0.40	0.32	100.0%
18960601	533	424	MOORE	13132050	4	Jul 20, 2019	0.11	0.14	0.11	100.0%
18960601	463	128	MOORE	13132050	4	Jul 20, 2019	0.04	0.05	0.04	100.0%
18960601	263	399	MOORE	13132050	4	Jul 20, 2019	0.27	0.34	0.27	100.0%

18960601	309	877	MOORE	13132050	4	Jul 20, 2019	0.08	0.10	0.08	100.0%
18960601	263	397	MOORE	13132050	4	Jul 20, 2019	0.35	0.43	0.35	100.0%
18960601	402	876	MOORE	13132050	4	Jul 20, 2019	0.08	0.10	0.08	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 20, 2019	1.56	1.94	1.56	100.0%
18960601	459	993	MOORE	13132050	4	Jul 20, 2019	0.40	0.50	0.40	100.0%
18960601	417	992	MOORE	13132050	4	Jul 20, 2019	1.20	1.49	1.20	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 20, 2019	2.40	2.98	2.40	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 20, 2019	0.40	0.50	0.40	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 20, 2019	0.02	0.02	0.02	100.0%
18960601	441	207	MOORE	13132050	4	Jul 20, 2019	0.91	1.13	0.91	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jul 20, 2019	0.74	0.92	0.74	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 20, 2019	0.70	0.87	0.70	100.0%
18960601	2431	1831	EASTSIDE FIELD H	13132061	4	Jul 20, 2019	0.85	1.06	0.85	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.04	0.04	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 20, 2019	0.41	0.51	0.41	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.04	0.04	0.04	100.0%
18960601	668	1562	LOWER EASTSIDE &	13132291	4	Jul 20, 2019	0.26	0.32	0.26	100.0%
18960601	252	359	DARLINGTON	13127735	5	Jul 20, 2019	0.89	0.89	0.89	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jul 20, 2019	1.15	1.15	1.15	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 20, 2019	6.40	6.40	6.40	100.0%
18960630	660	1634	DARLINGTON	13127735	5	Jul 20, 2019	1.30	1.30	1.30	100.0%
18960630	490	1827	BURNETT	13127750	5	Jul 20, 2019	0.24	0.24	0.24	100.0%
18960630	490	1751	BURNETT	13127750	5	Jul 20, 2019	0.06	0.06	0.06	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 20, 2019	2.00	4.49	2.00	100.0%
18960801	252	363	DARLINGTON	13127735	5	Jul 20, 2019	0.82	0.82	0.82	100.0%
18960801	280	1186	SHARP	13126500	6	Jul 20, 2019	0.24	0.24	0.24	100.0%
18960801	544	2206	SHARP	13126500	6	Jul 20, 2019	0.58	0.58	0.58	100.0%
18960901	437	671	ARCO	13132365	2	Jul 20, 2019	0.13	0.29	0.13	100.0%
18960928	90	46	MUNSEY	13132375	2	Jul 20, 2019	1.00	2.24	1.00	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 20, 2019	0.03	0.07	0.03	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 20, 2019	3.00	6.73	3.00	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 20, 2019	0.44	0.99	0.44	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 20, 2019	1.97	4.42	1.97	100.0%
18970510	437	664	ARCO	13132365	2	Jul 20, 2019	0.60	1.35	0.60	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 20, 2019	3.44	3.44	3.44	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 20, 2019	3.44	3.44	3.44	100.0%
18970510	411	674	DARLINGTON	13127735	5	Jul 20, 2019	2.80	2.80	2.80	100.0%
18970510	73	2018	BURNETT	13127750	5	Jul 20, 2019	0.90	0.90	0.90	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 20, 2019	2.00	2.00	2.00	100.0%
18970531	589	1312	BURNETT	13127750	5	Jul 20, 2019	0.56	0.56	0.56	100.0%
18970601	306	1696	MOORE	13132050	4	Jul 20, 2019	0.16	0.20	0.16	100.0%
18970601	533	427	MOORE	13132050	4	Jul 20, 2019	0.03	0.04	0.03	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 20, 2019	3.20	3.20	3.20	100.0%
18970615	306	1697	MOORE	13132050	4	Jul 20, 2019	0.16	0.20	0.16	100.0%
18970615	242	214	MOORE	13132050	4	Jul 20, 2019	0.22	0.27	0.22	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 20, 2019	0.13	0.16	0.13	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jul 20, 2019	0.24	0.30	0.24	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 20, 2019	2.60	2.60	2.60	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.65	0.81	0.65	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.65	0.81	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jul 20, 2019	1.60	1.60	1.60	100.0%
18980601	336	984	BURNETT	13127750	5	Jul 20, 2019	0.40	0.40	0.40	100.0%
18990327	113	584	MOORE	13132050	4	Jul 20, 2019	0.03	0.04	0.03	100.0%
18990327	14	2062	MOORE	13132050	4	Jul 20, 2019	0.01	0.01	0.01	100.0%
18990327	180	468	MOORE	13132050	4	Jul 20, 2019	0.05	0.06	0.05	100.0%
18990327	219	549	MOORE	13132050	4	Jul 20, 2019	0.29	0.36	0.29	100.0%
18990327	187	1873	MOORE	13132050	4	Jul 20, 2019	0.07	0.08	0.07	100.0%
18990327	187	1874	MOORE	13132050	4	Jul 20, 2019	0.01	0.01	0.01	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 20, 2019	0.54	0.67	0.54	100.0%
18990327	433	272	MOORE	13132050	4	Jul 20, 2019	0.15	0.19	0.15	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 20, 2019	0.60	0.75	0.60	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 20, 2019	0.01	0.01	0.01	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 20, 2019	0.21	0.26	0.21	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 20, 2019	0.03	0.04	0.03	100.0%

18990601	180	2110	MOORE	13132050	4	Jul 20, 2019	0.39	0.48	0.39	100.0%
18990601	2612	2137	SWAUGER	13127600	5	Jul 20, 2019	0.34	0.34	0.34	100.0%
18990601	360	704	BURNETT	13127750	5	Jul 20, 2019	1.20	1.20	1.20	100.0%
18990601	490	981	BURNETT	13127750	5	Jul 20, 2019	0.40	0.40	0.40	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 20, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 20, 2019	2.74	2.74	2.74	100.0%
18990801	381	48	DARLINGTON	13127735	5	Jul 20, 2019	1.54	1.54	1.54	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 20, 2019	0.57	0.57	0.57	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 20, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 20, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 20, 2019	0.46	0.46	0.46	100.0%
19000323	77	44	MOORE	13132050	4	Jul 20, 2019	3.00	3.73	3.00	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 20, 2019	3.00	3.00	3.00	100.0%
19010701	660	1557	DARLINGTON	13127735	5	Jul 20, 2019	0.08	0.08	0.08	100.0%
19010722	665	1851	ARCO	13132365	2	Jul 20, 2019	0.15	0.33	0.15	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 20, 2019	3.20	3.20	3.20	100.0%
19010901	70	339	MOORE	13132050	4	Jul 20, 2019	0.12	0.15	0.12	100.0%
19010901	459	340	MOORE	13132050	4	Jul 20, 2019	0.23	0.29	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jul 20, 2019	0.35	0.43	0.35	100.0%
19011001	96	455	MOORE	13132050	4	Jul 20, 2019	0.24	0.30	0.24	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 20, 2019	0.01	0.01	0.01	100.0%
19011001	263	396	MOORE	13132050	4	Jul 20, 2019	0.08	0.10	0.08	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 20, 2019	2.00	2.00	2.00	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.20	0.25	0.20	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.20	0.25	0.20	100.0%
19020301	15	81	MOORE	13132050	4	Jul 20, 2019	0.44	0.55	0.44	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 20, 2019	0.31	0.38	0.31	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 20, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 20, 2019	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 20, 2019	3.00	3.00	3.00	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 20, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 20, 2019	2.00	2.00	2.00	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 20, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 20, 2019	2.70	3.35	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jul 20, 2019	2.00	2.00	2.00	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 20, 2019	0.40	0.40	0.40	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 20, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 20, 2019	1.35	1.35	1.35	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 20, 2019	1.08	1.08	1.08	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 20, 2019	0.46	0.46	0.46	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 20, 2019	0.24	0.24	0.24	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 20, 2019	0.49	0.49	0.49	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 20, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 20, 2019	1.60	1.99	1.60	100.0%
19040526	381	1766	DARLINGTON	13127735	5	Jul 20, 2019	0.64	0.64	0.64	100.0%
19040601	139	731	DARLINGTON	13127735	5	Jul 20, 2019	0.60	0.60	0.60	100.0%
19040601	139	1148	DARLINGTON	13127735	5	Jul 20, 2019	0.20	0.20	0.20	100.0%
19040601	492	1146	DARLINGTON	13127735	5	Jul 20, 2019	0.08	0.08	0.08	100.0%
19040601	338	580	DARLINGTON	13127735	5	Jul 20, 2019	0.55	0.55	0.55	100.0%
19040601	220	1828	DARLINGTON	13127735	5	Jul 20, 2019	1.53	1.53	1.53	100.0%
19040601	279	2127	Anderson	13120745	9	Jul 20, 2019	0.42	0.42	0.42	100.0%
19040601	279	2127	Thalman Hunter D	13120755	9	Jul 20, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 20, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 20, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 20, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 20, 2019	0.13	0.13	0.13	100.0%
19050501	59	2145	KENT	13120605	9	Jul 20, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	KENT	13120605	9	Jul 20, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 20, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 20, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	BITTON	13120735	9	Jul 20, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 20, 2019	0.44	0.44	0.44	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 20, 2019	0.34	0.34	0.34	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 20, 2019	0.27	0.27	0.27	100.0%

19050501	101	1370	NEILSEN	13120805	9	Jul 20, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 20, 2019	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 20, 2019	1.30	1.30	1.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 20, 2019	0.10	0.10	0.10	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 20, 2019	0.30	0.30	0.30	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 20, 2019	0.50	0.50	0.50	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 20, 2019	0.40	0.40	0.40	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 20, 2019	0.12	0.12	0.12	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 20, 2019	1.52	1.52	1.52	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 20, 2019	0.58	0.58	0.58	100.0%
19060501	185	392	3IN1	13130605	4	Jul 20, 2019	0.19	0.24	0.19	100.0%
19061001	2431	1855	EASTSIDE FIELD H	13132061	4	Jul 20, 2019	0.16	0.20	0.16	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 20, 2019	0.42	0.42	0.42	99.5%
19070711	59	786	KENT	13120605	9	Jul 20, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	KENT	13120605	9	Jul 20, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	KENT	13120605	9	Jul 20, 2019	0.22	0.22	0.22	100.0%
19070711	59	2146	BITTON	13120735	9	Jul 20, 2019	0.55	0.55	0.55	100.0%
19070711	59	786	BITTON	13120735	9	Jul 20, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jul 20, 2019	0.22	0.22	0.22	100.0%
19080709	475	1098	BURNETT	13127750	5	Jul 20, 2019	1.38	1.38	1.38	100.0%
19081207	70	343	MOORE	13132050	4	Jul 20, 2019	0.17	0.21	0.17	100.0%
19081207	459	1080	MOORE	13132050	4	Jul 20, 2019	0.50	0.62	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jul 20, 2019	0.33	0.41	0.33	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 20, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 20, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 20, 2019	0.75	0.75	0.75	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 20, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 20, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 20, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 20, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 20, 2019	1.70	1.70	1.70	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jul 20, 2019	2.40	2.40	2.40	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 20, 2019	2.10	2.10	2.10	100.0%
19121111	50	239	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.02	0.02	0.02	100.0%
19121111	2337	325	UPPER EASTSIDE &	13132101	4	Jul 20, 2019	0.13	0.16	0.13	100.0%
19130124	29	50	MOORE	13132050	4	Jul 20, 2019	1.50	1.86	1.50	100.0%
19130517	170	1416	MOORE	13132050	4	Jul 20, 2019	0.80	0.99	0.80	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 20, 2019	0.82	0.82	0.82	100.0%
19140103	59	2233	KENT	13120605	9	Jul 20, 2019	0.48	0.48	0.48	100.0%
19140103	59	1361	KENT	13120605	9	Jul 20, 2019	0.04	0.04	0.03	100.0%
19140103	59	1361	BITTON	13120735	9	Jul 20, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 20, 2019	0.48	0.48	0.48	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 20, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 20, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 20, 2019	0.02	0.02	0.02	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 20, 2019	0.12	0.12	0.12	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 20, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 20, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 20, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 20, 2019	0.85	0.85	0.85	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 20, 2019	0.68	0.68	0.68	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 20, 2019	1.99	1.99	1.99	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 20, 2019	4.26	4.26	4.26	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 20, 2019	0.02	0.02	0.02	100.0%
19200601	150	217	MUNSEY	13132375	2	Jul 20, 2019	0.79	1.77	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	Jul 20, 2019	0.01	0.02	0.01	100.0%
19240806	417	695	MOORE	13132050	4	Jul 20, 2019	0.50	0.62	0.50	100.0%
19280501	12	165	MOORE	13132050	4	Jul 20, 2019	0.28	0.35	0.28	100.0%
19600501	90	175	MOORE	13132050	4	Jul 20, 2019	0.44	0.55	0.44	100.0%
19600824	185	390	3IN1	13130605	4	Jul 20, 2019	0.11	0.14	0.11	100.0%
19690722	2339	1206	3IN1	13130605	4	Jul 20, 2019	4.90	6.08	4.90	100.0%
19740402	150	220	MUNSEY	13132375	2	Jul 20, 2019	0.02	0.04	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jul 20, 2019	4.40	9.87	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 20, 2019	16.00	35.91	6.07	37.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 21, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 21	412.0	2.0	0.0	414.0	0.00	414.0	2.0	0.0	0.0	412.0	0.0	0.0
9	Howell to Chilly	Jul 21	246.0	90.2	0.0	-75.8	0.18	338.2	86.0	4.3	0.0	250.3	-4.3	0.0
8	Chilly to Reservoir	* Jul 21	440.2	57.5	0.0	251.6	0.00	589.9	51.8	5.7	0.0	450.2	-10.0	0.0
	Disconnected													
7	Mackay Reservoir	* Jul 21	617.8	0.0	0.0	440.2	0.00	442.5	14.5		0.0	425.7	192.1	0.0
6	Reservoir to 2B	Jul 21	607.0	10.8	0.0	0.0	0.00	440.2	9.8	1.0	0.0	415.8	191.2	0.0
5	2B to Leslie	Jul 21	421.0	188.3	0.0	2.3	0.00	442.5	135.0	53.3	0.0	283.2	137.8	0.0
4	Leslie to Moore	Jul 21	100.2	230.9	0.0	-89.9	0.21	442.5	135.9	94.9	0.0	86.8	13.5	0.0
2	Moore to blw Munsey	Jul 21	5.0	76.0	45.5	-64.8	0.65	442.5	30.7	12.3	33.0	0.0	5.0	0.0
1	Blw Munsey to Arco	Jul 21	3.4	0.0	0.0	-1.6	0.31	442.5	0.0	0.0	0.0	0.0	3.4	0.0
								TOTAL	465.7	171.5	33.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 21	0.0	0.0		19171003	100%
9	Howell to Chilly	Jul 21	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Jul 21	0.0	0.0		19171003	100%
	Disconnected						
7	Mackay Reservoir	Jul 21	0.0	0.0		18970510	73%
6	Reservoir to 2B	Jul 21	0.0	0.0		18970510	73%
5	2B to Leslie	Jul 21	0.0	0.0		18970510	73%
4	Leslie to Moore	Jul 21	60.5	29.4		18970510	73%
2	Moore to blw Munsey	Jul 21	56.1	8.7		18970510	73%
1	Blw Munsey to Arco	Jul 21	0.0	1.6		18970510	73%
		TOTAL	116.6	39.7	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	520.5
2	18810630	1.7	294.0	276.5
3	18880601	3.2	556.5	520.5
4	18960601	6.4	1113.0	1040.9
5	19020301	0.8	140.0	128.5
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118390.2

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
43650.0	43270.0	-380.0	-191.6	13.9

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74539.2
Total Storage Loss	-40181.2
Total Storage Deliver	-18563.8
Total Evaporation	-1431.8
Accounting Balance	43232.4
Current Res Content	43270.0
Storage Balance Error	-37.6

DAILY STORAGE BALANCE

43650.0	Reservoir Content Previous Day [ac-ft]
43270.0	Reservoir Content Current Day [ac-ft]
-380.0	Physical Change in Storage [ac-ft]
28.8	Storage Allocated to Mackay Reservoir [ac-ft]
-85.5	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-29.4	Leslie to Moore [cfs]
-8.7	Moore blw Munsey [cfs]
-1.6	blw Munsey to Arco Gage [cfs]
-3.4	Past Arco Gage [cfs]
-321.8	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
1.0	Reservoir to 2B [cfs]
53.3	2B to Leslie [cfs]
94.9	Leslie to Moore [cfs]
13.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-27.6	Evaporation [ac-ft]
-406.1	Accounting Change in Storage [ac-ft]
-26.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

440.2	Gain in/above Mackay Reservoir [cfs]
2.3	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
442.5	Total Available Natural Flow [cfs]
14.5	Reservoir Rights Diverted [cfs]
116.6	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
60.5	Leslie to Moore [cfs]
56.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
311.4	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
9.8	Reservoir to 2B [cfs]
135.0	2B to Leslie [cfs]
135.9	Leslie to Moore [cfs]
30.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
442.5	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	9.8	490
Eastside Felton Wier +	36.2	1810
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	6.0	300
Munsey Parkinson Farms-1 OD Wells In +	9.1	456
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.5	976
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	10.9	544
Total In	91.5	4576
Groundwater to Arco	10.9	544
Groundwater to Munsey	34.6	1732

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	2.8	140
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.5	127
Island Felton Farms Delivery +	2.0	100
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.9	145
Island Wanstrom David +	0.0	0
Eastside OUT	47.5	2375
Total Out	64.9	3244
Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.71	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 70.9%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 32.3 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 15.2 cfs
Step 4 - River at Weirs	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 21.5 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 89.0%
Step 6 - River at Eastside In	River at Weirs --- Upper Reach Delivery Factor	= 24.1 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 53.9 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 75.8%
Step 9 - Eastside River Delivery Factor	River at Eastside Out --- River at Eastside In	= 63.1%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 21, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.0	0.0	0.0	8	No Tellum 2	2.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	5.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	4.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	10.8	1.0	29.7
9	BITTON	5.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	5.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	31.4	12.1	451.5
9	Thalman Hunter D	4.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	65.5	20.4	834.0
9	NEILSEN	48.2	4.3	587.3	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	91.4	20.8	1601.0
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	19.0	0.0	0.0	8	Broken River Pum	2.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	14.0	8.9	853.7
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	4.0	4.0	513.7
8	Donahue 1	0.8	0.7	123.6	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	5.1	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	10.0	7.4	62.1
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	289.6
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	6.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	147.0	51.0	3457.7
8	Mtn. Springs 1	0.0	5.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	53.9	24.5	8334.9
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	5.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	28.0	4.6	1193.0
8	Donahue 2	3.2	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	48.0	8.4	522.4
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	0.0	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	5.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	1.5	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	4.0	523.6	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.5	232.3
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	6.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.1	67.9	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	10.9	70.5	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 21, 2019	2.50	2.50	2.50	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 21, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 21, 2019	0.59	0.59	0.59	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 21, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 21, 2019	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 21, 2019	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 21, 2019	1.92	1.92	1.92	100.0%
18820601	317	939	No Tellum 2	13123070	8	Jul 21, 2019	1.28	1.28	1.28	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 21, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jul 21, 2019	3.00	3.00	3.00	100.0%
18830601	221	855	MOORE	13132050	4	Jul 21, 2019	1.60	2.03	1.60	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 21, 2019	0.79	1.00	0.79	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 21, 2019	0.27	0.35	0.27	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 21, 2019	1.54	1.96	1.54	100.0%
18830601	224	854	MOORE	13132050	4	Jul 21, 2019	2.96	3.76	2.96	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 21, 2019	1.13	1.44	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 21, 2019	1.73	2.20	1.73	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 21, 2019	0.01	0.01	0.01	100.0%
18830810	96	449	MOORE	13132050	4	Jul 21, 2019	0.48	0.61	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jul 21, 2019	0.18	0.23	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 21, 2019	0.18	0.23	0.18	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	0.21	0.27	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	0.43	0.55	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	0.21	0.27	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 21, 2019	1.64	2.09	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 21, 2019	0.14	0.18	0.14	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 21, 2019	1.12	1.12	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 21, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Jul 21, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 21, 2019	1.51	1.51	1.51	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Jul 21, 2019	1.62	1.62	1.62	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 21, 2019	2.17	2.17	2.17	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 21, 2019	0.14	0.14	0.14	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 21, 2019	0.96	0.96	0.96	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 21, 2019	0.20	0.20	0.20	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 21, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 21, 2019	0.55	0.55	0.55	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 21, 2019	1.44	1.44	1.44	100.0%
18840422	492	1291	DARLINGTON	13127735	5	Jul 21, 2019	0.14	0.14	0.14	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 21, 2019	2.00	2.00	2.00	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 21, 2019	0.21	0.21	0.21	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 21, 2019	1.92	1.92	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 21, 2019	0.50	0.50	0.50	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 21, 2019	0.79	0.79	0.79	100.0%
18840422	284	228	SHARP	13126500	6	Jul 21, 2019	0.13	0.13	0.13	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 21, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Jul 21, 2019	2.49	2.49	2.49	100.0%
18840422	2525	1903	SHARP	13126500	6	Jul 21, 2019	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 21, 2019	0.64	0.64	0.64	100.0%
18840422	544	2189	SHARP	13126500	6	Jul 21, 2019	1.00	1.00	1.00	100.0%
18840422	24	120	SHARP	13126500	6	Jul 21, 2019	0.08	0.08	0.08	100.0%
18840422	397	10	SHARP	13126500	6	Jul 21, 2019	0.12	0.12	0.12	100.0%
18840423	280	1860	SHARP	13126500	6	Jul 21, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jul 21, 2019	0.66	0.84	0.66	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 21, 2019	0.40	0.40	0.40	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 21, 2019	1.23	1.23	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 21, 2019	0.77	0.77	0.77	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 21, 2019	1.60	1.60	1.60	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 21, 2019	0.80	0.80	0.80	100.0%

18840430	119	1366	BURNETT	13127750	5	Jul 21, 2019	0.40	0.40	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 21, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 21, 2019	1.80	1.80	1.80	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 21, 2019	0.02	0.03	0.02	100.0%
18840520	433	271	MOORE	13132050	4	Jul 21, 2019	0.54	0.69	0.54	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 21, 2019	0.01	0.01	0.01	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 21, 2019	0.04	0.05	0.04	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 21, 2019	0.01	0.01	0.01	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 21, 2019	0.18	0.23	0.18	100.0%
18840520	219	547	MOORE	13132050	4	Jul 21, 2019	1.15	1.46	1.15	100.0%
18840520	242	210	MOORE	13132050	4	Jul 21, 2019	0.21	0.27	0.21	100.0%
18840520	463	1300	MOORE	13132050	4	Jul 21, 2019	1.60	2.03	1.60	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 21, 2019	0.78	0.99	0.78	100.0%
18840520	263	394	MOORE	13132050	4	Jul 21, 2019	0.22	0.28	0.22	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 21, 2019	0.38	0.48	0.38	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 21, 2019	0.90	1.14	0.90	100.0%
18840520	180	470	MOORE	13132050	4	Jul 21, 2019	0.16	0.20	0.16	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 21, 2019	2.14	2.72	2.14	100.0%
18840520	340	816	MOORE	13132050	4	Jul 21, 2019	0.36	0.46	0.36	100.0%
18840520	113	585	MOORE	13132050	4	Jul 21, 2019	0.11	0.14	0.11	100.0%
18840520	14	2061	MOORE	13132050	4	Jul 21, 2019	0.04	0.05	0.04	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 21, 2019	2.24	2.85	2.24	100.0%
18840520	14	2002	MOORE	13132050	4	Jul 21, 2019	0.02	0.03	0.02	100.0%
18840520	96	451	MOORE	13132050	4	Jul 21, 2019	0.58	0.74	0.58	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 21, 2019	0.70	0.89	0.70	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 21, 2019	0.22	0.28	0.22	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 21, 2019	1.60	2.03	1.60	100.0%
18840520	427	1	MOORE	13132050	4	Jul 21, 2019	1.18	1.50	1.18	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	0.80	1.02	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 21, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 21, 2019	0.72	0.72	0.72	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 21, 2019	0.98	1.25	0.98	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 21, 2019	1.52	1.93	1.52	100.0%
18840601	15	131	MOORE	13132050	4	Jul 21, 2019	0.37	0.47	0.37	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 21, 2019	0.09	0.11	0.09	100.0%
18840601	573	1722	MOORE	13132050	4	Jul 21, 2019	0.04	0.05	0.04	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 21, 2019	0.54	0.69	0.54	100.0%
18840601	573	1723	MOORE	13132050	4	Jul 21, 2019	0.12	0.15	0.12	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 21, 2019	0.08	0.10	0.08	100.0%
18840601	263	395	MOORE	13132050	4	Jul 21, 2019	0.08	0.10	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Jul 21, 2019	0.21	0.27	0.21	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 21, 2019	0.01	0.01	0.01	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 21, 2019	0.16	0.20	0.16	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 21, 2019	0.27	0.27	0.27	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 21, 2019	0.20	0.20	0.20	100.0%
18840601	73	2027	BURNETT	13127750	5	Jul 21, 2019	0.23	0.23	0.23	100.0%
18840601	73	2026	BURNETT	13127750	5	Jul 21, 2019	0.37	0.37	0.37	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 21, 2019	0.40	0.40	0.40	100.0%
18840601	360	693	BURNETT	13127750	5	Jul 21, 2019	0.80	0.80	0.80	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 21, 2019	0.42	0.42	0.42	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 21, 2019	0.73	0.73	0.73	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 21, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 21, 2019	0.96	0.96	0.96	100.0%
18840601	317	940	No Tellum 2	13123070	8	Jul 21, 2019	0.64	0.64	0.64	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 21, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 21, 2019	0.40	0.40	0.40	100.0%
18840715	15	799	MOORE	13132050	4	Jul 21, 2019	0.80	1.02	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 21, 2019	0.76	0.97	0.76	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 21, 2019	0.80	1.02	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 21, 2019	1.20	1.53	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 21, 2019	1.20	1.53	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jul 21, 2019	0.80	1.02	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 21, 2019	0.80	1.02	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 21, 2019	0.53	0.67	0.53	100.0%

18840731	44	1132	MOORE	13132050	4	Jul 21, 2019	0.80	1.02	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 21, 2019	0.80	1.02	0.80	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 21, 2019	0.20	0.25	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 21, 2019	0.58	0.74	0.58	100.0%
18840831	533	421	MOORE	13132050	4	Jul 21, 2019	0.14	0.18	0.14	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	0.50	0.64	0.50	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 21, 2019	1.31	1.67	1.31	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	0.40	0.51	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	0.44	0.56	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	0.40	0.51	0.40	100.0%
18840831	2431	1799	EASTSIDE FIELD H	13132061	4	Jul 21, 2019	0.13	0.17	0.13	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 21, 2019	3.20	4.07	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 21, 2019	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 21, 2019	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Jul 21, 2019	0.80	0.80	0.80	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 21, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jul 21, 2019	1.76	2.24	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Jul 21, 2019	0.31	0.39	0.31	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 21, 2019	0.89	1.13	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 21, 2019	1.25	1.59	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Jul 21, 2019	0.58	0.74	0.58	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 21, 2019	2.78	2.78	2.78	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 21, 2019	0.40	0.40	0.40	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 21, 2019	3.30	3.30	3.30	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jul 21, 2019	1.20	1.20	1.20	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 21, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 21, 2019	0.81	0.81	0.81	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 21, 2019	0.74	0.74	0.74	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jul 21, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 21, 2019	0.66	0.66	0.66	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 21, 2019	1.10	1.10	1.10	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 21, 2019	1.65	1.65	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jul 21, 2019	0.61	0.61	0.61	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 21, 2019	2.00	2.00	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 21, 2019	0.79	0.79	0.79	100.0%
18850501	423	186	ARCO	13132365	2	Jul 21, 2019	0.26	0.93	0.26	100.0%
18850501	468	59	ARCO	13132365	2	Jul 21, 2019	0.74	2.66	0.74	100.0%
18850501	423	87	ARCO	13132365	2	Jul 21, 2019	0.20	0.72	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 21, 2019	1.80	2.29	1.80	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 21, 2019	0.20	0.25	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 21, 2019	0.24	0.31	0.24	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jul 21, 2019	2.00	2.54	2.00	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 21, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 21, 2019	0.50	0.50	0.50	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	0.20	0.25	0.20	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	0.20	0.25	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	1.40	1.78	1.40	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 21, 2019	0.30	0.38	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 21, 2019	0.56	0.71	0.56	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 21, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 21, 2019	0.19	0.19	0.19	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 21, 2019	0.11	0.11	0.11	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 21, 2019	1.37	1.37	1.37	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 21, 2019	0.04	0.06	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 21, 2019	1.56	1.98	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	2.80	3.56	2.80	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 21, 2019	3.20	3.20	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jul 21, 2019	2.00	2.00	2.00	100.0%
18850601	205	2064	BECK	13130525	4	Jul 21, 2019	0.46	0.58	0.46	100.0%
18850601	15	859	MOORE	13132050	4	Jul 21, 2019	0.50	0.64	0.50	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 21, 2019	1.20	1.53	1.20	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Jul 21, 2019	0.70	0.70	0.70	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 21, 2019	2.60	2.60	2.60	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Jul 21, 2019	0.80	0.80	0.80	100.0%

18850601	220	1691	DARLINGTON	13127735	5	Jul 21, 2019	1.66	1.66	1.66	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 21, 2019	0.40	0.40	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 21, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jul 21, 2019	1.16	1.16	1.16	100.0%
18850601	544	2205	SHARP	13126500	6	Jul 21, 2019	0.80	0.80	0.80	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jul 21, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 21, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 21, 2019	3.08	3.08	3.08	100.0%
18851002	437	62	ARCO	13132365	2	Jul 21, 2019	1.54	5.53	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jul 21, 2019	3.60	12.93	3.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 21, 2019	2.61	2.61	2.61	100.0%
18860501	305	927	3IN1	13130605	4	Jul 21, 2019	1.60	2.03	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 21, 2019	2.80	3.56	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jul 21, 2019	1.20	1.53	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 21, 2019	2.56	3.26	2.56	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 21, 2019	0.18	0.23	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jul 21, 2019	0.48	0.61	0.48	100.0%
18860512	263	398	MOORE	13132050	4	Jul 21, 2019	0.18	0.23	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 21, 2019	0.01	0.01	0.01	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	1.41	1.79	1.41	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 21, 2019	2.40	3.05	2.40	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 21, 2019	0.09	0.11	0.09	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 21, 2019	0.20	0.25	0.20	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	1.10	1.40	1.10	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	1.24	1.58	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	Jul 21, 2019	1.60	1.60	1.60	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	1.00	1.27	1.00	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	0.02	0.03	0.02	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	0.10	0.13	0.10	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jul 21, 2019	1.31	1.31	1.31	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 21, 2019	0.85	0.85	0.85	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 21, 2019	3.00	3.00	3.00	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 21, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 21, 2019	1.70	1.70	1.70	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 21, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 21, 2019	1.26	1.26	1.26	100.0%
18860914	525	1472	BURNETT	13127750	5	Jul 21, 2019	2.31	2.31	2.31	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 21, 2019	0.34	0.34	0.34	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 21, 2019	3.20	4.07	3.20	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 21, 2019	1.60	2.03	1.60	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 21, 2019	0.80	1.02	0.80	100.0%
18870313	459	338	MOORE	13132050	4	Jul 21, 2019	0.42	0.53	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jul 21, 2019	0.65	0.83	0.65	100.0%
18870313	433	683	MOORE	13132050	4	Jul 21, 2019	0.70	0.89	0.70	100.0%
18870313	70	337	MOORE	13132050	4	Jul 21, 2019	0.23	0.29	0.23	100.0%
18870313	73	2028	BURNETT	13127750	5	Jul 21, 2019	1.05	1.05	1.05	100.0%
18870313	73	2029	BURNETT	13127750	5	Jul 21, 2019	0.65	0.65	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	Jul 21, 2019	0.80	0.80	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 21, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 21, 2019	2.69	2.69	2.69	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 21, 2019	3.20	11.50	3.20	100.0%
18870601	468	893	ARCO	13132365	2	Jul 21, 2019	1.40	5.03	1.40	100.0%
18870601	423	76	ARCO	13132365	2	Jul 21, 2019	0.22	0.79	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 21, 2019	0.60	2.16	0.60	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jul 21, 2019	0.50	1.80	0.50	100.0%
18870601	19	892	MUNSEY	13132375	2	Jul 21, 2019	1.10	3.95	1.10	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 21, 2019	1.00	1.27	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 21, 2019	2.90	3.69	2.90	100.0%
18870601	252	353	DARLINGTON	13127735	5	Jul 21, 2019	0.43	0.43	0.43	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 21, 2019	0.92	0.92	0.92	100.0%
18870601	73	2023	BURNETT	13127750	5	Jul 21, 2019	0.69	0.69	0.69	100.0%
18870601	73	2022	BURNETT	13127750	5	Jul 21, 2019	1.11	1.11	1.11	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 21, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 21, 2019	0.95	0.95	0.95	100.0%

18870601	525	1471	BURNETT	13127750	5	Jul 21, 2019	1.46	1.46	1.46	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 21, 2019	1.24	1.24	1.24	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 21, 2019	0.12	0.12	0.12	100.0%
18870601	317	941	No Tellum 2	13123070	8	Jul 21, 2019	0.08	0.08	0.08	100.0%
18870630	236	1428	BECK	13130525	4	Jul 21, 2019	0.58	0.74	0.58	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 21, 2019	0.80	0.80	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	Jul 21, 2019	0.80	0.80	0.80	100.0%
18870801	119	1166	BURNETT	13127750	5	Jul 21, 2019	0.27	0.27	0.27	100.0%
18870801	623	2203	BURNETT	13127750	5	Jul 21, 2019	0.45	0.45	0.45	100.0%
18870801	73	2016	BURNETT	13127750	5	Jul 21, 2019	0.62	0.62	0.62	100.0%
18870801	73	2017	BURNETT	13127750	5	Jul 21, 2019	0.38	0.38	0.38	100.0%
18870831	119	1154	BURNETT	13127750	5	Jul 21, 2019	1.20	1.20	1.20	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 21, 2019	0.54	0.54	0.54	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 21, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 21, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 21, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jul 21, 2019	0.33	1.19	0.33	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	1.44	1.83	1.44	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 21, 2019	0.60	0.60	0.60	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 21, 2019	0.98	0.98	0.98	100.0%
18880601	525	1466	BURNETT	13127750	5	Jul 21, 2019	0.33	0.33	0.33	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 21, 2019	1.00	1.00	1.00	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 21, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 21, 2019	1.60	1.60	1.60	100.0%
18880630	490	1826	BURNETT	13127750	5	Jul 21, 2019	0.24	0.24	0.24	100.0%
18880630	490	1750	BURNETT	13127750	5	Jul 21, 2019	0.06	0.06	0.06	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 21, 2019	0.40	1.44	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 21, 2019	0.81	0.81	0.81	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 21, 2019	0.64	0.64	0.64	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 21, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 21, 2019	0.30	0.30	0.30	100.0%
18881101	59	2222	KENT	13120605	9	Jul 21, 2019	0.83	0.83	0.83	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 21, 2019	0.77	0.77	0.77	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 21, 2019	0.77	0.77	0.77	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 21, 2019	0.83	0.83	0.83	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 21, 2019	1.59	1.59	1.59	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Jul 21, 2019	1.05	1.05	1.05	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Jul 21, 2019	0.45	0.45	0.45	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 21, 2019	1.12	1.43	1.12	100.0%
18890601	463	1396	MOORE	13132050	4	Jul 21, 2019	0.20	0.25	0.20	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 21, 2019	0.50	0.64	0.50	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 21, 2019	0.35	0.45	0.35	100.0%
18890601	441	205	MOORE	13132050	4	Jul 21, 2019	0.97	1.23	0.97	100.0%
18890601	119	996	BURNETT	13127750	5	Jul 21, 2019	0.40	0.40	0.40	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 21, 2019	0.80	0.80	0.80	100.0%
18890601	490	1748	BURNETT	13127750	5	Jul 21, 2019	0.25	0.25	0.25	100.0%
18890601	490	1786	BURNETT	13127750	5	Jul 21, 2019	0.95	0.95	0.95	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 21, 2019	1.20	1.20	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 21, 2019	2.70	2.70	2.70	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 21, 2019	2.00	2.00	2.00	100.0%
18900601	372	886	ARCO	13132365	2	Jul 21, 2019	0.59	2.12	0.59	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 21, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 21, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 21, 2019	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jul 21, 2019	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 21, 2019	1.76	1.76	1.76	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 21, 2019	0.16	0.20	0.16	100.0%
18910630	44	1003	MOORE	13132050	4	Jul 21, 2019	0.02	0.03	0.02	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 21, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 21, 2019	3.00	3.00	3.00	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 21, 2019	0.28	0.36	0.28	100.0%
18920101	2615	1643	MOORE	13132050	4	Jul 21, 2019	1.17	1.49	1.17	100.0%
18920501	468	60	ARCO	13132365	2	Jul 21, 2019	1.60	5.75	1.60	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 21, 2019	2.00	2.00	2.00	100.0%

18921101	474	967	Upper Fish Hatch	13124160	8	Jul 21, 2019	1.45	1.45	1.45	100.0%
18930201	158	538	MOORE	13132050	4	Jul 21, 2019	0.03	0.04	0.03	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 21, 2019	0.30	0.38	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jul 21, 2019	0.22	0.28	0.22	100.0%
18930201	463	1423	MOORE	13132050	4	Jul 21, 2019	0.30	0.38	0.30	100.0%
18930323	77	366	MOORE	13132050	4	Jul 21, 2019	1.60	2.03	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jul 21, 2019	1.50	1.91	1.50	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 21, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 21, 2019	0.58	0.58	0.58	100.0%
18931101	59	2223	KENT	13120605	9	Jul 21, 2019	0.60	0.60	0.60	100.0%
18931101	59	1279	KENT	13120605	9	Jul 21, 2019	0.03	0.03	0.03	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 21, 2019	0.60	0.60	0.60	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 21, 2019	0.58	0.58	0.58	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 21, 2019	0.03	0.03	0.03	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 21, 2019	0.44	0.44	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	Jul 21, 2019	2.66	2.66	2.66	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 21, 2019	2.80	2.80	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 21, 2019	2.50	2.50	2.50	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 21, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jul 21, 2019	0.80	1.02	0.80	100.0%
18940531	77	800	MOORE	13132050	4	Jul 21, 2019	0.74	0.94	0.74	100.0%
18940531	5	776	MOORE	13132050	4	Jul 21, 2019	0.20	0.25	0.20	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 21, 2019	3.20	11.50	3.20	100.0%
18940601	158	536	MOORE	13132050	4	Jul 21, 2019	0.02	0.03	0.02	100.0%
18940601	417	379	MOORE	13132050	4	Jul 21, 2019	0.15	0.19	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	0.76	0.97	0.76	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 21, 2019	0.11	0.11	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	Jul 21, 2019	1.60	1.60	1.60	100.0%
18940601	139	713	BURNETT	13127750	5	Jul 21, 2019	0.80	0.80	0.80	100.0%
18940601	284	229	SHARP	13126500	6	Jul 21, 2019	0.21	0.21	0.21	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 21, 2019	0.12	0.12	0.12	100.0%
18940601	2525	1904	SHARP	13126500	6	Jul 21, 2019	0.08	0.08	0.08	100.0%
18940926	252	357	DARLINGTON	13127735	5	Jul 21, 2019	0.30	0.30	0.30	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jul 21, 2019	0.38	0.38	0.38	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 21, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jul 21, 2019	0.10	0.13	0.10	100.0%
18950601	242	212	MOORE	13132050	4	Jul 21, 2019	0.11	0.14	0.11	100.0%
18950601	158	534	MOORE	13132050	4	Jul 21, 2019	0.01	0.01	0.01	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 21, 2019	0.80	1.02	0.80	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	0.40	0.51	0.40	100.0%
18950601	621	1518	EASTSIDE FIELD H	13132061	4	Jul 21, 2019	0.20	0.25	0.20	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 21, 2019	2.40	2.40	2.40	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 21, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 21, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jul 21, 2019	2.46	3.13	2.46	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 21, 2019	2.62	2.62	2.62	100.0%
18960302	309	873	MOORE	13132050	4	Jul 21, 2019	0.25	0.32	0.25	100.0%
18960302	402	872	MOORE	13132050	4	Jul 21, 2019	0.25	0.32	0.25	100.0%
18960327	29	839	MOORE	13132050	4	Jul 21, 2019	1.60	2.03	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 21, 2019	0.71	0.71	0.71	100.0%
18960601	402	876	MOORE	13132050	4	Jul 21, 2019	0.08	0.11	0.08	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 21, 2019	0.03	0.04	0.03	100.0%
18960601	15	1106	MOORE	13132050	4	Jul 21, 2019	1.17	1.49	1.17	100.0%
18960601	406	65	MOORE	13132050	4	Jul 21, 2019	0.30	0.38	0.30	100.0%
18960601	441	207	MOORE	13132050	4	Jul 21, 2019	1.00	1.27	1.00	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 21, 2019	2.40	3.05	2.40	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 21, 2019	0.44	0.56	0.44	100.0%
18960601	533	424	MOORE	13132050	4	Jul 21, 2019	0.11	0.14	0.11	100.0%
18960601	459	993	MOORE	13132050	4	Jul 21, 2019	0.40	0.51	0.40	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 21, 2019	1.57	2.00	1.57	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 21, 2019	0.02	0.03	0.02	100.0%
18960601	309	877	MOORE	13132050	4	Jul 21, 2019	0.08	0.11	0.08	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 21, 2019	0.60	0.76	0.60	100.0%
18960601	463	128	MOORE	13132050	4	Jul 21, 2019	0.18	0.23	0.18	100.0%

18960601	13	1119	MOORE	13132050	4	Jul 21, 2019	0.40	0.51	0.40	100.0%
18960601	417	381	MOORE	13132050	4	Jul 21, 2019	2.40	3.05	2.40	100.0%
18960601	417	992	MOORE	13132050	4	Jul 21, 2019	1.20	1.53	1.20	100.0%
18960601	263	397	MOORE	13132050	4	Jul 21, 2019	0.35	0.45	0.35	100.0%
18960601	263	399	MOORE	13132050	4	Jul 21, 2019	0.27	0.34	0.27	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 21, 2019	0.40	0.51	0.40	100.0%
18960601	96	457	MOORE	13132050	4	Jul 21, 2019	0.92	1.17	0.92	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 21, 2019	0.23	0.29	0.23	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 21, 2019	1.30	1.65	1.30	100.0%
18960601	96	461	MOORE	13132050	4	Jul 21, 2019	0.73	0.93	0.73	100.0%
18960601	158	540	MOORE	13132050	4	Jul 21, 2019	0.32	0.41	0.32	100.0%
18960601	2431	1831	EASTSIDE FIELD H	13132061	4	Jul 21, 2019	0.85	1.08	0.85	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jul 21, 2019	0.74	0.94	0.74	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	0.04	0.04	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 21, 2019	0.41	0.52	0.41	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 21, 2019	0.70	0.89	0.70	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 21, 2019	0.04	0.04	0.04	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jul 21, 2019	1.15	1.15	1.15	100.0%
18960601	252	359	DARLINGTON	13127735	5	Jul 21, 2019	0.89	0.89	0.89	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 21, 2019	6.40	6.40	6.40	100.0%
18960630	660	1634	DARLINGTON	13127735	5	Jul 21, 2019	1.30	1.30	1.30	100.0%
18960630	490	1751	BURNETT	13127750	5	Jul 21, 2019	0.06	0.06	0.06	100.0%
18960630	490	1827	BURNETT	13127750	5	Jul 21, 2019	0.24	0.24	0.24	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 21, 2019	2.00	7.18	2.00	100.0%
18960801	252	363	DARLINGTON	13127735	5	Jul 21, 2019	0.82	0.82	0.82	100.0%
18960801	280	1186	SHARP	13126500	6	Jul 21, 2019	0.26	0.26	0.26	100.0%
18960801	544	2206	SHARP	13126500	6	Jul 21, 2019	0.36	0.36	0.36	100.0%
18960901	437	671	ARCO	13132365	2	Jul 21, 2019	0.13	0.47	0.13	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 21, 2019	0.03	0.11	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 21, 2019	1.97	7.08	1.97	100.0%
18960928	90	46	MUNSEY	13132375	2	Jul 21, 2019	1.00	3.59	1.00	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 21, 2019	4.40	15.81	4.40	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 21, 2019	0.44	1.58	0.44	100.0%
18970510	437	664	ARCO	13132365	2	Jul 21, 2019	1.74	6.25	1.26	72.5%
18970510	411	673	DARLINGTON	13127735	5	Jul 21, 2019	3.44	3.44	2.50	72.5%
18970510	411	674	DARLINGTON	13127735	5	Jul 21, 2019	2.80	2.80	2.03	72.5%
18970510	47	92	DARLINGTON	13127735	5	Jul 21, 2019	5.74	5.74	4.16	72.5%
18970510	73	2018	BURNETT	13127750	5	Jul 21, 2019	0.92	0.92	0.67	72.5%
18970510	73	2019	BURNETT	13127750	5	Jul 21, 2019	0.58	0.58	0.42	72.5%
18970515	130	1286	NEILSEN	13120805	9	Jul 21, 2019	2.00	2.00	2.00	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 21, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 21, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 21, 2019	0.57	0.57	0.57	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 21, 2019	0.46	0.46	0.46	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 21, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 21, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 21, 2019	3.00	3.00	3.00	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 21, 2019	3.20	3.20	3.20	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 21, 2019	2.00	2.00	2.00	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 21, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 21, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 21, 2019	3.00	3.00	3.00	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 21, 2019	2.00	2.00	2.00	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 21, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jul 21, 2019	2.00	2.00	2.00	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 21, 2019	0.40	0.40	0.40	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 21, 2019	3.70	3.70	3.70	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 21, 2019	1.35	1.35	1.35	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 21, 2019	1.08	1.08	1.08	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 21, 2019	0.46	0.46	0.46	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 21, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 21, 2019	0.24	0.24	0.24	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 21, 2019	1.60	1.60	1.60	100.0%
19040601	279	2127	Anderson	13120745	9	Jul 21, 2019	0.42	0.42	0.42	100.0%

19040601	279	2127	Thalman Hunter D	13120755	9	Jul 21, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 21, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 21, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 21, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 21, 2019	0.13	0.13	0.13	100.0%
19050501	2610	2093	KENT	13120605	9	Jul 21, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	KENT	13120605	9	Jul 21, 2019	0.45	0.45	0.45	100.0%
19050501	59	784	KENT	13120605	9	Jul 21, 2019	0.02	0.02	0.02	100.0%
19050501	59	784	BITTON	13120735	9	Jul 21, 2019	0.02	0.02	0.02	100.0%
19050501	2610	2093	BITTON	13120735	9	Jul 21, 2019	0.44	0.44	0.44	100.0%
19050501	59	2145	BITTON	13120735	9	Jul 21, 2019	0.45	0.45	0.45	100.0%
19050501	279	2124	Anderson	13120745	9	Jul 21, 2019	0.34	0.34	0.34	100.0%
19050501	279	2124	Thalman Hunter D	13120755	9	Jul 21, 2019	0.27	0.27	0.27	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 21, 2019	1.30	1.30	1.30	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 21, 2019	0.50	0.50	0.50	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 21, 2019	0.82	0.82	0.82	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 21, 2019	0.40	0.40	0.40	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 21, 2019	1.52	1.52	1.52	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 21, 2019	0.65	0.65	0.65	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 21, 2019	0.10	0.10	0.10	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 21, 2019	0.30	0.30	0.30	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 21, 2019	0.12	0.12	0.12	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 21, 2019	0.58	0.58	0.58	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 21, 2019	0.42	0.42	0.42	99.5%
19070711	59	786	KENT	13120605	9	Jul 21, 2019	0.03	0.03	0.03	100.0%
19070711	59	2146	KENT	13120605	9	Jul 21, 2019	0.55	0.55	0.55	100.0%
19070711	2610	2094	KENT	13120605	9	Jul 21, 2019	0.22	0.22	0.22	100.0%
19070711	59	786	BITTON	13120735	9	Jul 21, 2019	0.03	0.03	0.03	100.0%
19070711	2610	2094	BITTON	13120735	9	Jul 21, 2019	0.22	0.22	0.22	100.0%
19070711	59	2146	BITTON	13120735	9	Jul 21, 2019	0.55	0.55	0.55	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 21, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 21, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 21, 2019	0.75	0.75	0.75	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 21, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 21, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 21, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 21, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jul 21, 2019	2.40	2.40	2.40	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 21, 2019	1.70	1.70	1.70	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 21, 2019	2.10	2.10	2.10	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 21, 2019	0.82	0.82	0.82	100.0%
19140103	59	2233	KENT	13120605	9	Jul 21, 2019	0.48	0.48	0.48	100.0%
19140103	59	1361	KENT	13120605	9	Jul 21, 2019	0.04	0.04	0.03	100.0%
19140103	59	1361	BITTON	13120735	9	Jul 21, 2019	0.04	0.04	0.04	100.0%
19140103	59	2233	BITTON	13120735	9	Jul 21, 2019	0.48	0.48	0.48	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 21, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 21, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 21, 2019	0.02	0.02	0.02	100.0%
19160212	279	2123	Anderson	13120745	9	Jul 21, 2019	0.12	0.12	0.12	100.0%
19160212	279	2123	Thalman Hunter D	13120755	9	Jul 21, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 21, 2019	1.58	1.58	1.58	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 21, 2019	1.36	1.36	1.36	100.0%
19160601	279	2121	Anderson	13120745	9	Jul 21, 2019	0.85	0.85	0.85	100.0%
19160601	279	2121	Thalman Hunter D	13120755	9	Jul 21, 2019	0.68	0.68	0.68	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 21, 2019	1.99	1.99	1.99	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 21, 2019	4.26	4.26	4.26	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 21, 2019	0.02	0.02	0.02	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 22, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 22	391.0	3.0	0.0	394.0	0.00	394.0	3.0	0.0	0.0	391.0	0.0	0.0
9	Howell to Chilly	Jul 22	201.0	99.5	0.0	-90.5	0.23	303.5	96.1	3.4	0.0	204.4	-3.4	0.0
8	Chilly to Reservoir	* Jul 22	405.5	57.2	0.0	261.7	0.00	565.2	56.5	0.7	0.0	409.6	-4.1	0.0
	Disconnected													
7	Mackay Reservoir	* Jul 22	618.9	0.0	0.0	405.5	0.00	416.5	15.3		0.0	390.2	228.7	0.0
6	Reservoir to 2B	Jul 22	607.0	11.9	0.0	0.0	0.00	405.5	10.4	1.5	0.0	379.7	227.3	0.0
5	2B to Leslie	Jul 22	434.0	184.0	0.0	11.0	0.00	416.5	145.3	38.7	0.0	245.4	188.6	0.0
4	Leslie to Moore	Jul 22	112.1	214.7	0.0	-107.2	0.25	416.5	151.5	63.3	0.0	33.3	78.7	0.0
2	Moore to blw Munsey	Jul 22	13.8	99.6	39.5	-38.2	0.34	416.5	22.0	48.3	29.3	0.0	13.8	0.0
1	Blw Munsey to Arco	Jul 22	5.2	0.0	0.0	-8.6	0.62	416.5	0.0	0.0	0.0	0.0	5.2	0.0
								TOTAL	500.0	155.9	29.3			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 22	0.0	0.0		19230316	100%
9	Howell to Chilly	Jul 22	0.0	0.0		19230316	100%
8	Chilly to Reservoir	Jul 22	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Jul 22	0.0	0.0		19080709	100%
6	Reservoir to 2B	Jul 22	0.0	0.0		19080709	100%
5	2B to Leslie	Jul 22	0.0	0.0		19080709	100%
4	Leslie to Moore	Jul 22	60.6	46.6		19080709	100%
2	Moore to blw Munsey	Jul 22	11.4	26.8		19080709	100%
1	Blw Munsey to Arco	Jul 22	0.0	8.6		19080709	100%
		TOTAL	72.0	82.0	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	526.8
2	18810630	1.7	294.0	279.9
3	18880601	3.2	556.5	526.8
4	18960601	6.4	1113.0	1053.6
5	19020301	0.8	140.0	130.1
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118420.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
43270.0	42820.0	-450.0	-226.9	13.4

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74569.5
Total Storage Loss	-40354.2
Total Storage Deliver	-18864.9
Total Evaporation	-1458.4
Accounting Balance	42762.0
Current Res Content	42820.0
Storage Balance Error	-58.0

DAILY STORAGE BALANCE

43270.0	Reservoir Content Previous Day [ac-ft]
42820.0	Reservoir Content Current Day [ac-ft]
-450.0	Physical Change in Storage [ac-ft]
30.3	Storage Allocated to Mackay Reservoir [ac-ft]
-173.0	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-46.6	Leslie to Moore [cfs]
-26.8	Moore blw Munsey [cfs]
-8.6	blw Munsey to Arco Gage [cfs]
-5.2	Past Arco Gage [cfs]
-298.6	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
1.5	Reservoir to 2B [cfs]
38.7	2B to Leslie [cfs]
63.3	Leslie to Moore [cfs]
47.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-26.6	Evaporation [ac-ft]
-467.9	Accounting Change in Storage [ac-ft]
-17.9	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

405.5	Gain in/above Mackay Reservoir [cfs]
11.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
416.5	Total Available Natural Flow [cfs]
15.3	Reservoir Rights Diverted [cfs]
72.0	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
60.6	Leslie to Moore [cfs]
11.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
329.2	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
10.4	Reservoir to 2B [cfs]
145.3	2B to Leslie [cfs]
151.5	Leslie to Moore [cfs]
22.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
416.5	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	9.3	465
Eastside Felton Wier +	30.8	1540
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	9.1	456
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.5	976
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	10.9	544
Total In	79.6	3981
Groundwater to Arco	10.9	544
Groundwater to Munsey	28.6	1432

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	2.8	140
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.5	127
Island Felton Farms Delivery +	2.0	100
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.2	110
Island Wanstrom David +	0.0	0
Eastside OUT	44.9	2245
Total Out	61.6	3079
Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.77	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 77.3%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 30.6 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 14.3 cfs
Step 4 - River at Weirs	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 18.5 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 119.8%
Step 6 - River at Eastside In	River at Weirs --- Upper Reach Delivery Factor	= 15.5 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 37.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 106.8%
Step 9 - Eastside River Delivery Factor	River at Eastside Out --- River at Eastside In	= 92.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 22, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	1.0	0.0	0.4	8	No Tellum 3	2.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	2.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	11.9	1.5	32.6
9	BITTON	4.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	2.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	31.5	8.6	468.6
9	Thalman Hunter D	1.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	58.5	5.0	843.8
9	NEILSEN	40.5	2.9	593.1	8	Smith Pumps	2.0	0.0	6.0	5	BURNETT	94.0	25.1	1650.9
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	49.0	0.5	0.9	8	Broken River Pum	2.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	15.0	9.3	872.1
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	3.0	3.0	519.7
8	Donahue 1	0.8	0.7	125.0	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	4.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	2.0	0.0	0.0	4	3IN1	10.0	7.2	76.4
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	293.6
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	7.0	0.0	0.0	8	Freeman Ditch	2.5	0.0	0.0	4	MOORE	147.2	38.7	3534.4
8	Mtn. Springs 1	2.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	37.5	6.3	8347.4
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	35.0	26.6	1245.8
8	Donahue 2	3.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	64.6	20.5	563.0
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	0.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	3.8	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	1.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	3.0	529.6	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.5	309.7
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.1	104.1	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	10.9	113.6	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 22, 2019	5.20	5.20	5.20	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 22, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 22, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 22, 2019	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 22, 2019	1.00	1.00	1.00	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 22, 2019	1.92	1.92	1.92	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 22, 2019	1.28	1.28	1.28	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 22, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jul 22, 2019	2.00	2.00	2.00	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 22, 2019	0.79	1.05	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 22, 2019	1.54	2.05	1.54	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 22, 2019	0.27	0.36	0.27	100.0%
18830601	224	854	MOORE	13132050	4	Jul 22, 2019	2.96	3.93	2.96	100.0%
18830601	221	855	MOORE	13132050	4	Jul 22, 2019	1.60	2.12	1.60	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 22, 2019	1.13	1.50	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 22, 2019	1.73	2.30	1.73	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 22, 2019	0.18	0.24	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 22, 2019	0.01	0.01	0.01	100.0%
18830810	96	449	MOORE	13132050	4	Jul 22, 2019	0.48	0.64	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jul 22, 2019	0.18	0.24	0.18	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	0.21	0.28	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	0.43	0.57	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	0.21	0.28	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 22, 2019	1.64	2.18	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 22, 2019	0.14	0.19	0.14	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 22, 2019	1.12	1.12	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 22, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Jul 22, 2019	0.12	0.12	0.12	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Jul 22, 2019	1.62	1.62	1.62	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 22, 2019	1.45	1.45	1.45	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 22, 2019	0.55	0.55	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 22, 2019	1.63	1.63	1.63	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 22, 2019	0.14	0.14	0.14	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 22, 2019	2.17	2.17	2.17	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 22, 2019	0.20	0.20	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 22, 2019	1.44	1.44	1.44	100.0%
18840422	492	1291	DARLINGTON	13127735	5	Jul 22, 2019	0.14	0.14	0.14	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 22, 2019	0.96	0.96	0.96	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 22, 2019	0.50	0.50	0.50	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 22, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 22, 2019	0.21	0.21	0.21	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 22, 2019	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 22, 2019	1.92	1.92	1.92	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 22, 2019	0.64	0.64	0.64	100.0%
18840422	284	228	SHARP	13126500	6	Jul 22, 2019	0.13	0.13	0.13	100.0%
18840422	2525	1903	SHARP	13126500	6	Jul 22, 2019	0.08	0.08	0.08	100.0%
18840422	544	2189	SHARP	13126500	6	Jul 22, 2019	1.00	1.00	1.00	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 22, 2019	0.12	0.12	0.12	100.0%
18840422	397	10	SHARP	13126500	6	Jul 22, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Jul 22, 2019	2.55	2.55	2.55	100.0%
18840422	24	120	SHARP	13126500	6	Jul 22, 2019	0.08	0.08	0.08	100.0%
18840423	280	1860	SHARP	13126500	6	Jul 22, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jul 22, 2019	1.14	1.51	1.14	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 22, 2019	0.80	0.80	0.80	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 22, 2019	1.60	1.60	1.60	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 22, 2019	0.77	0.77	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 22, 2019	1.23	1.23	1.23	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 22, 2019	0.40	0.40	0.40	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 22, 2019	0.40	0.40	0.40	100.0%

18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 22, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 22, 2019	1.80	1.80	1.80	100.0%
18840520	463	1300	MOORE	13132050	4	Jul 22, 2019	1.60	2.12	1.60	100.0%
18840520	96	451	MOORE	13132050	4	Jul 22, 2019	0.58	0.77	0.58	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 22, 2019	0.22	0.29	0.22	100.0%
18840520	219	547	MOORE	13132050	4	Jul 22, 2019	1.15	1.53	1.15	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 22, 2019	1.60	2.12	1.60	100.0%
18840520	427	1	MOORE	13132050	4	Jul 22, 2019	1.18	1.57	1.18	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 22, 2019	0.38	0.50	0.38	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 22, 2019	0.04	0.05	0.04	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 22, 2019	0.02	0.03	0.02	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 22, 2019	0.01	0.01	0.01	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 22, 2019	0.18	0.24	0.18	100.0%
18840520	433	271	MOORE	13132050	4	Jul 22, 2019	0.54	0.72	0.54	100.0%
18840520	180	470	MOORE	13132050	4	Jul 22, 2019	0.16	0.21	0.16	100.0%
18840520	340	816	MOORE	13132050	4	Jul 22, 2019	0.36	0.48	0.36	100.0%
18840520	14	2061	MOORE	13132050	4	Jul 22, 2019	0.04	0.05	0.04	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 22, 2019	0.90	1.20	0.90	100.0%
18840520	242	210	MOORE	13132050	4	Jul 22, 2019	0.21	0.28	0.21	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 22, 2019	0.01	0.01	0.01	100.0%
18840520	14	2002	MOORE	13132050	4	Jul 22, 2019	0.02	0.03	0.02	100.0%
18840520	113	585	MOORE	13132050	4	Jul 22, 2019	0.11	0.15	0.11	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 22, 2019	0.78	1.04	0.78	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 22, 2019	0.70	0.93	0.70	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 22, 2019	2.14	2.84	2.14	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 22, 2019	2.24	2.97	2.24	100.0%
18840520	263	394	MOORE	13132050	4	Jul 22, 2019	0.22	0.29	0.22	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	0.80	1.06	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 22, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 22, 2019	0.72	0.72	0.72	100.0%
18840601	15	131	MOORE	13132050	4	Jul 22, 2019	0.37	0.49	0.37	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 22, 2019	0.98	1.30	0.98	100.0%
18840601	573	1723	MOORE	13132050	4	Jul 22, 2019	0.12	0.16	0.12	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 22, 2019	1.52	2.02	1.52	100.0%
18840601	573	1722	MOORE	13132050	4	Jul 22, 2019	0.04	0.05	0.04	100.0%
18840601	96	453	MOORE	13132050	4	Jul 22, 2019	0.21	0.28	0.21	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 22, 2019	0.09	0.12	0.09	100.0%
18840601	263	395	MOORE	13132050	4	Jul 22, 2019	0.08	0.11	0.08	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 22, 2019	0.01	0.01	0.01	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 22, 2019	0.54	0.72	0.54	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 22, 2019	0.08	0.11	0.08	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 22, 2019	0.16	0.21	0.16	100.0%
18840601	360	693	BURNETT	13127750	5	Jul 22, 2019	0.80	0.80	0.80	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 22, 2019	0.34	0.34	0.34	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 22, 2019	0.27	0.27	0.27	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 22, 2019	0.40	0.40	0.40	100.0%
18840601	73	2027	BURNETT	13127750	5	Jul 22, 2019	0.23	0.23	0.23	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 22, 2019	0.20	0.20	0.20	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 22, 2019	0.73	0.73	0.73	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 22, 2019	0.80	0.80	0.80	100.0%
18840601	73	2026	BURNETT	13127750	5	Jul 22, 2019	0.37	0.37	0.37	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 22, 2019	0.96	0.96	0.96	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 22, 2019	0.64	0.64	0.64	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 22, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 22, 2019	0.80	0.80	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Jul 22, 2019	0.80	1.06	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 22, 2019	1.20	1.59	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jul 22, 2019	0.80	1.06	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 22, 2019	1.20	1.59	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 22, 2019	0.80	1.06	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 22, 2019	0.76	1.01	0.76	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 22, 2019	0.80	1.06	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 22, 2019	0.80	1.06	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 22, 2019	0.53	0.70	0.53	100.0%

18840731	44	1132	MOORE	13132050	4	Jul 22, 2019	0.80	1.06	0.80	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 22, 2019	0.20	0.27	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 22, 2019	0.58	0.77	0.58	100.0%
18840831	533	421	MOORE	13132050	4	Jul 22, 2019	0.14	0.19	0.14	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	0.40	0.53	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 22, 2019	1.31	1.74	1.31	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	0.50	0.66	0.50	100.0%
18840831	2431	1799	EASTSIDE FIELD H	13132061	4	Jul 22, 2019	0.13	0.17	0.13	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	0.44	0.58	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	0.40	0.53	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 22, 2019	3.20	4.25	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 22, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 22, 2019	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Jul 22, 2019	0.80	0.80	0.80	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 22, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jul 22, 2019	1.76	2.34	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 22, 2019	0.89	1.18	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Jul 22, 2019	0.58	0.77	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 22, 2019	1.25	1.66	1.25	100.0%
18841012	70	341	MOORE	13132050	4	Jul 22, 2019	0.31	0.41	0.31	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 22, 2019	3.30	3.30	3.30	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 22, 2019	2.78	2.78	2.78	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 22, 2019	0.74	0.74	0.74	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 22, 2019	0.81	0.81	0.81	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jul 22, 2019	1.20	1.20	1.20	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 22, 2019	2.77	2.77	2.77	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 22, 2019	0.39	0.39	0.39	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jul 22, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 22, 2019	0.68	0.68	0.68	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 22, 2019	1.10	1.10	1.10	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 22, 2019	1.65	1.65	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 22, 2019	2.00	2.00	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jul 22, 2019	0.61	0.61	0.61	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 22, 2019	0.79	0.79	0.79	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 22, 2019	0.20	0.27	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 22, 2019	0.24	0.32	0.24	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jul 22, 2019	2.00	2.66	2.00	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 22, 2019	1.80	2.39	1.80	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 22, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 22, 2019	0.50	0.50	0.50	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	0.20	0.27	0.20	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	0.20	0.27	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	1.40	1.86	1.40	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 22, 2019	0.30	0.40	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 22, 2019	0.56	0.74	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 22, 2019	1.37	1.37	1.37	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 22, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 22, 2019	0.11	0.11	0.11	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 22, 2019	0.19	0.19	0.19	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 22, 2019	1.56	2.07	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 22, 2019	0.04	0.06	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	2.80	3.72	2.80	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jul 22, 2019	2.00	2.00	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 22, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 22, 2019	0.54	0.72	0.54	100.0%
18850601	15	859	MOORE	13132050	4	Jul 22, 2019	0.50	0.66	0.50	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 22, 2019	1.20	1.59	1.20	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Jul 22, 2019	0.80	0.80	0.80	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 22, 2019	2.60	2.60	2.60	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Jul 22, 2019	0.80	0.80	0.80	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jul 22, 2019	1.66	1.66	1.66	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 22, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jul 22, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Jul 22, 2019	1.16	1.16	1.16	100.0%

18850601	55	1382	Gates/Woods 3	13124430	8	Jul 22, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 22, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 22, 2019	3.08	3.08	3.08	100.0%
18851002	318	545	MUNSEY	13132375	2	Jul 22, 2019	0.75	1.51	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Jul 22, 2019	0.80	1.61	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 22, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 22, 2019	1.60	2.12	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 22, 2019	2.80	3.72	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jul 22, 2019	1.20	1.59	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 22, 2019	2.56	3.40	2.56	100.0%
18860512	96	459	MOORE	13132050	4	Jul 22, 2019	0.48	0.64	0.48	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 22, 2019	0.01	0.01	0.01	100.0%
18860512	263	398	MOORE	13132050	4	Jul 22, 2019	0.18	0.24	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 22, 2019	0.18	0.24	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	1.41	1.87	1.41	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 22, 2019	0.20	0.27	0.20	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 22, 2019	2.40	3.19	2.40	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 22, 2019	0.09	0.12	0.09	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	1.10	1.46	1.10	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	1.24	1.65	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	Jul 22, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 22, 2019	0.50	0.50	0.50	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	1.00	1.33	1.00	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	0.02	0.03	0.02	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jul 22, 2019	1.31	1.31	1.31	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 22, 2019	0.85	0.85	0.85	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 22, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 22, 2019	2.12	2.12	2.12	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 22, 2019	1.38	1.38	1.38	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 22, 2019	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	Jul 22, 2019	2.08	2.08	2.08	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 22, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 22, 2019	1.26	1.26	1.26	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 22, 2019	3.20	4.25	3.20	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 22, 2019	1.60	2.12	1.60	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 22, 2019	0.80	1.06	0.80	100.0%
18870313	459	682	MOORE	13132050	4	Jul 22, 2019	0.65	0.86	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Jul 22, 2019	0.42	0.56	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Jul 22, 2019	0.70	0.93	0.70	100.0%
18870313	70	337	MOORE	13132050	4	Jul 22, 2019	0.23	0.31	0.23	100.0%
18870313	73	2029	BURNETT	13127750	5	Jul 22, 2019	0.65	0.65	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	Jul 22, 2019	0.80	0.80	0.80	100.0%
18870313	73	2028	BURNETT	13127750	5	Jul 22, 2019	1.05	1.05	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 22, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 22, 2019	3.30	3.30	3.30	100.0%
18870601	19	892	MUNSEY	13132375	2	Jul 22, 2019	1.22	2.46	1.22	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 22, 2019	1.00	1.33	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 22, 2019	2.20	2.92	2.20	100.0%
18870601	252	353	DARLINGTON	13127735	5	Jul 22, 2019	0.43	0.43	0.43	100.0%
18870601	73	2023	BURNETT	13127750	5	Jul 22, 2019	0.69	0.69	0.69	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 22, 2019	0.92	0.92	0.92	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 22, 2019	0.25	0.25	0.25	100.0%
18870601	73	2022	BURNETT	13127750	5	Jul 22, 2019	1.11	1.11	1.11	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 22, 2019	0.95	0.95	0.95	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 22, 2019	0.04	0.04	0.04	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 22, 2019	0.12	0.12	0.12	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 22, 2019	0.08	0.08	0.08	100.0%
18870601	483	1270	CHILLY	13121105	9	Jul 22, 2019	0.80	0.80	0.80	100.0%
18870630	236	1428	BECK	13130525	4	Jul 22, 2019	0.66	0.88	0.66	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 22, 2019	0.80	0.80	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	Jul 22, 2019	0.80	0.80	0.80	100.0%
18870801	623	2203	BURNETT	13127750	5	Jul 22, 2019	0.05	0.05	0.05	100.0%
18870801	119	1166	BURNETT	13127750	5	Jul 22, 2019	0.27	0.27	0.27	100.0%
18870801	73	2017	BURNETT	13127750	5	Jul 22, 2019	0.38	0.38	0.38	100.0%

18870801	73	2016	BURNETT	13127750	5	Jul 22, 2019	0.62	0.62	0.62	100.0%
18870831	119	1154	BURNETT	13127750	5	Jul 22, 2019	1.20	1.20	1.20	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 22, 2019	0.65	0.65	0.65	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 22, 2019	0.32	0.32	0.32	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 22, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 22, 2019	0.20	0.20	0.20	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	1.44	1.91	1.44	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 22, 2019	0.98	0.98	0.98	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 22, 2019	0.58	0.58	0.58	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 22, 2019	1.02	1.02	1.02	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 22, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 22, 2019	1.60	1.60	1.60	100.0%
18880630	490	1750	BURNETT	13127750	5	Jul 22, 2019	0.06	0.06	0.06	100.0%
18880630	490	1826	BURNETT	13127750	5	Jul 22, 2019	0.24	0.24	0.24	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 22, 2019	0.40	0.81	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 22, 2019	0.97	0.97	0.97	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 22, 2019	0.48	0.48	0.48	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 22, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 22, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 22, 2019	0.31	0.31	0.31	100.0%
18881101	59	2222	KENT	13120605	9	Jul 22, 2019	0.33	0.33	0.33	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 22, 2019	1.33	1.33	1.33	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 22, 2019	1.23	1.23	1.23	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 22, 2019	1.59	1.59	1.59	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Jul 22, 2019	0.45	0.45	0.45	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Jul 22, 2019	1.05	1.05	1.05	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 22, 2019	1.12	1.49	1.12	100.0%
18890601	463	1396	MOORE	13132050	4	Jul 22, 2019	0.20	0.27	0.20	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 22, 2019	0.35	0.46	0.35	100.0%
18890601	441	205	MOORE	13132050	4	Jul 22, 2019	0.97	1.29	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 22, 2019	0.50	0.66	0.50	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 22, 2019	2.00	2.00	2.00	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 22, 2019	2.70	2.70	2.70	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 22, 2019	0.80	0.80	0.80	100.0%
18890601	490	1748	BURNETT	13127750	5	Jul 22, 2019	0.25	0.25	0.25	100.0%
18890601	119	996	BURNETT	13127750	5	Jul 22, 2019	0.40	0.40	0.40	100.0%
18890601	490	1786	BURNETT	13127750	5	Jul 22, 2019	0.95	0.95	0.95	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 22, 2019	1.20	1.20	1.20	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 22, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 22, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 22, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 22, 2019	1.70	1.70	1.70	100.0%
18910630	44	1003	MOORE	13132050	4	Jul 22, 2019	0.02	0.03	0.02	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 22, 2019	0.16	0.21	0.16	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 22, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 22, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 22, 2019	0.28	0.37	0.28	100.0%
18920101	2615	1643	MOORE	13132050	4	Jul 22, 2019	1.17	1.55	1.17	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 22, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 22, 2019	1.45	1.45	1.45	100.0%
18930201	158	538	MOORE	13132050	4	Jul 22, 2019	0.03	0.04	0.03	100.0%
18930201	463	1423	MOORE	13132050	4	Jul 22, 2019	0.30	0.40	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jul 22, 2019	0.22	0.29	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 22, 2019	0.30	0.40	0.30	100.0%
18930323	77	688	MOORE	13132050	4	Jul 22, 2019	1.50	1.99	1.50	100.0%
18930323	77	366	MOORE	13132050	4	Jul 22, 2019	1.60	2.12	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 22, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	Jul 22, 2019	0.01	0.01	0.01	100.0%
18931101	59	2223	KENT	13120605	9	Jul 22, 2019	0.16	0.16	0.16	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 22, 2019	0.19	0.19	0.19	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 22, 2019	0.63	0.63	0.63	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 22, 2019	0.77	0.77	0.77	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 22, 2019	0.04	0.04	0.04	100.0%
18940310	357	15	BURNETT	13127750	5	Jul 22, 2019	1.84	1.84	1.84	100.0%

18940310	475	989	BURNETT	13127750	5	Jul 22, 2019	0.44	0.44	0.44	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 22, 2019	2.80	2.80	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 22, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 22, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jul 22, 2019	0.80	1.06	0.80	100.0%
18940531	5	776	MOORE	13132050	4	Jul 22, 2019	0.20	0.27	0.20	100.0%
18940531	77	800	MOORE	13132050	4	Jul 22, 2019	0.74	0.98	0.74	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 22, 2019	3.20	6.45	3.20	100.0%
18940601	158	536	MOORE	13132050	4	Jul 22, 2019	0.02	0.03	0.02	100.0%
18940601	417	379	MOORE	13132050	4	Jul 22, 2019	0.15	0.20	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	0.76	1.01	0.76	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 22, 2019	0.11	0.11	0.11	100.0%
18940601	139	713	BURNETT	13127750	5	Jul 22, 2019	0.52	0.52	0.52	100.0%
18940601	360	698	BURNETT	13127750	5	Jul 22, 2019	1.60	1.60	1.60	100.0%
18940601	2525	1904	SHARP	13126500	6	Jul 22, 2019	0.10	0.10	0.10	100.0%
18940601	284	229	SHARP	13126500	6	Jul 22, 2019	0.22	0.22	0.22	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 22, 2019	0.14	0.14	0.14	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 22, 2019	1.20	1.20	1.20	100.0%
18940926	252	357	DARLINGTON	13127735	5	Jul 22, 2019	0.30	0.30	0.30	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jul 22, 2019	0.38	0.38	0.38	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 22, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 22, 2019	0.80	1.06	0.80	100.0%
18950601	158	534	MOORE	13132050	4	Jul 22, 2019	0.01	0.01	0.01	100.0%
18950601	242	212	MOORE	13132050	4	Jul 22, 2019	0.11	0.15	0.11	100.0%
18950601	417	378	MOORE	13132050	4	Jul 22, 2019	0.10	0.13	0.10	100.0%
18950601	621	1518	EASTSIDE FIELD H	13132061	4	Jul 22, 2019	0.20	0.27	0.20	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	0.40	0.53	0.40	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 22, 2019	2.40	2.40	2.40	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 22, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 22, 2019	0.18	0.18	0.18	100.0%
18950610	430	628	MOORE	13132050	4	Jul 22, 2019	2.46	3.27	2.46	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 22, 2019	2.62	2.62	2.62	100.0%
18960302	309	873	MOORE	13132050	4	Jul 22, 2019	0.25	0.34	0.25	100.0%
18960302	402	872	MOORE	13132050	4	Jul 22, 2019	0.25	0.34	0.25	100.0%
18960327	29	839	MOORE	13132050	4	Jul 22, 2019	1.60	2.12	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 22, 2019	0.50	0.50	0.50	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 22, 2019	0.60	0.80	0.60	100.0%
18960601	158	540	MOORE	13132050	4	Jul 22, 2019	0.32	0.42	0.32	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 22, 2019	0.23	0.31	0.23	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 22, 2019	0.03	0.04	0.03	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 22, 2019	1.30	1.73	1.30	100.0%
18960601	533	424	MOORE	13132050	4	Jul 22, 2019	0.11	0.15	0.11	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 22, 2019	2.40	3.19	2.40	100.0%
18960601	263	399	MOORE	13132050	4	Jul 22, 2019	0.27	0.36	0.27	100.0%
18960601	263	397	MOORE	13132050	4	Jul 22, 2019	0.35	0.46	0.35	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 22, 2019	0.40	0.53	0.40	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 22, 2019	0.02	0.03	0.02	100.0%
18960601	96	457	MOORE	13132050	4	Jul 22, 2019	0.92	1.22	0.92	100.0%
18960601	96	461	MOORE	13132050	4	Jul 22, 2019	0.73	0.97	0.73	100.0%
18960601	15	1106	MOORE	13132050	4	Jul 22, 2019	1.17	1.55	1.17	100.0%
18960601	417	992	MOORE	13132050	4	Jul 22, 2019	1.20	1.59	1.20	100.0%
18960601	459	993	MOORE	13132050	4	Jul 22, 2019	0.40	0.53	0.40	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 22, 2019	0.40	0.53	0.40	100.0%
18960601	441	207	MOORE	13132050	4	Jul 22, 2019	1.00	1.33	1.00	100.0%
18960601	417	381	MOORE	13132050	4	Jul 22, 2019	2.40	3.19	2.40	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 22, 2019	0.44	0.58	0.44	100.0%
18960601	309	877	MOORE	13132050	4	Jul 22, 2019	0.08	0.11	0.08	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 22, 2019	1.57	2.09	1.57	100.0%
18960601	463	128	MOORE	13132050	4	Jul 22, 2019	0.18	0.24	0.18	100.0%
18960601	406	65	MOORE	13132050	4	Jul 22, 2019	0.30	0.40	0.30	100.0%
18960601	402	876	MOORE	13132050	4	Jul 22, 2019	0.08	0.11	0.08	100.0%
18960601	2431	1831	EASTSIDE FIELD H	13132061	4	Jul 22, 2019	0.85	1.13	0.85	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	0.04	0.05	0.04	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 22, 2019	0.70	0.93	0.70	100.0%

18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 22, 2019	0.41	0.54	0.41	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	0.04	0.05	0.04	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jul 22, 2019	0.74	0.98	0.74	100.0%
18960601	252	359	DARLINGTON	13127735	5	Jul 22, 2019	0.89	0.89	0.89	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jul 22, 2019	1.15	1.15	1.15	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 22, 2019	6.40	6.40	6.40	100.0%
18960630	660	1634	DARLINGTON	13127735	5	Jul 22, 2019	1.30	1.30	1.30	100.0%
18960630	490	1827	BURNETT	13127750	5	Jul 22, 2019	0.04	0.04	0.04	100.0%
18960630	490	1751	BURNETT	13127750	5	Jul 22, 2019	0.06	0.06	0.06	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 22, 2019	2.00	4.03	2.00	100.0%
18960801	252	363	DARLINGTON	13127735	5	Jul 22, 2019	0.82	0.82	0.82	100.0%
18960801	544	2206	SHARP	13126500	6	Jul 22, 2019	0.60	0.60	0.60	100.0%
18960801	280	1186	SHARP	13126500	6	Jul 22, 2019	0.48	0.48	0.48	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 22, 2019	1.97	3.97	1.97	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 22, 2019	4.40	8.86	4.40	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 22, 2019	0.03	0.06	0.03	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 22, 2019	0.40	0.81	0.40	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 22, 2019	3.44	3.44	3.44	100.0%
18970510	411	674	DARLINGTON	13127735	5	Jul 22, 2019	2.80	2.80	2.80	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 22, 2019	3.44	3.44	3.44	100.0%
18970510	73	2018	BURNETT	13127750	5	Jul 22, 2019	0.22	0.22	0.22	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 22, 2019	2.00	2.00	2.00	100.0%
18970531	589	1312	BURNETT	13127750	5	Jul 22, 2019	0.08	0.08	0.08	100.0%
18970601	306	1696	MOORE	13132050	4	Jul 22, 2019	0.16	0.21	0.16	100.0%
18970601	533	427	MOORE	13132050	4	Jul 22, 2019	0.03	0.04	0.03	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 22, 2019	3.20	3.20	3.20	100.0%
18970615	306	1697	MOORE	13132050	4	Jul 22, 2019	0.16	0.21	0.16	100.0%
18970615	242	214	MOORE	13132050	4	Jul 22, 2019	0.22	0.29	0.22	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jul 22, 2019	0.24	0.32	0.24	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 22, 2019	0.13	0.17	0.13	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 22, 2019	2.60	2.60	2.60	100.0%
18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	0.65	0.86	0.65	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	0.65	0.86	0.65	100.0%
18980601	336	984	BURNETT	13127750	5	Jul 22, 2019	0.14	0.14	0.14	100.0%
18980601	322	814	BURNETT	13127750	5	Jul 22, 2019	1.60	1.60	1.60	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	0.76	1.01	0.76	100.0%
18990327	14	2062	MOORE	13132050	4	Jul 22, 2019	0.01	0.01	0.01	100.0%
18990327	187	1874	MOORE	13132050	4	Jul 22, 2019	0.01	0.01	0.01	100.0%
18990327	180	468	MOORE	13132050	4	Jul 22, 2019	0.05	0.07	0.05	100.0%
18990327	433	272	MOORE	13132050	4	Jul 22, 2019	0.27	0.36	0.27	100.0%
18990327	113	584	MOORE	13132050	4	Jul 22, 2019	0.03	0.04	0.03	100.0%
18990327	187	1873	MOORE	13132050	4	Jul 22, 2019	0.07	0.09	0.07	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 22, 2019	0.54	0.72	0.54	100.0%
18990327	219	549	MOORE	13132050	4	Jul 22, 2019	0.29	0.39	0.29	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 22, 2019	0.60	0.80	0.60	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 22, 2019	0.01	0.01	0.01	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 22, 2019	0.21	0.28	0.21	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jul 22, 2019	2.80	5.64	2.80	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 22, 2019	0.03	0.04	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 22, 2019	0.45	0.60	0.45	100.0%
18990601	2612	2137	SWAUGER	13127600	5	Jul 22, 2019	0.40	0.40	0.40	100.0%
18990601	360	704	BURNETT	13127750	5	Jul 22, 2019	1.20	1.20	1.20	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 22, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 22, 2019	0.60	0.60	0.60	100.0%
18990801	381	48	DARLINGTON	13127735	5	Jul 22, 2019	1.54	1.54	1.54	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jul 22, 2019	0.80	1.61	0.80	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 22, 2019	0.39	0.39	0.39	99.7%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 22, 2019	0.19	0.19	0.19	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 22, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 22, 2019	0.21	0.21	0.21	100.0%
19000323	77	44	MOORE	13132050	4	Jul 22, 2019	3.00	3.98	3.00	100.0%
19000924	318	543	MUNSEY	13132375	2	Jul 22, 2019	0.01	0.02	0.01	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 22, 2019	6.40	6.40	6.40	100.0%
19010701	660	1557	DARLINGTON	13127735	5	Jul 22, 2019	0.08	0.08	0.08	100.0%

19010731	130	1284	Donahue 2	13122950	8	Jul 22, 2019	3.00	3.00	3.00	100.0%
19010901	459	340	MOORE	13132050	4	Jul 22, 2019	0.23	0.31	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jul 22, 2019	0.35	0.46	0.35	100.0%
19010901	70	339	MOORE	13132050	4	Jul 22, 2019	0.12	0.16	0.12	100.0%
19011001	263	396	MOORE	13132050	4	Jul 22, 2019	0.12	0.16	0.12	100.0%
19011001	96	455	MOORE	13132050	4	Jul 22, 2019	0.37	0.49	0.37	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 22, 2019	0.01	0.01	0.01	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 22, 2019	0.30	0.30	0.30	100.0%
19020115	442	2143	MUNSEY	13132375	2	Jul 22, 2019	3.20	6.45	3.20	100.0%
19020201	638	1401	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	0.20	0.27	0.20	100.0%
19020201	192	1401	UPPER EASTSIDE &	13132101	4	Jul 22, 2019	0.20	0.27	0.20	100.0%
19020301	15	81	MOORE	13132050	4	Jul 22, 2019	0.56	0.75	0.56	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 22, 2019	0.31	0.41	0.31	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 22, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 22, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 22, 2019	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 22, 2019	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 22, 2019	2.60	2.60	2.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 22, 2019	3.40	3.40	3.40	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 22, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 22, 2019	3.13	3.13	3.13	100.0%
19020401	1	978	6X Ranch 6	13124100	8	Jul 22, 2019	2.00	2.00	2.00	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 22, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 22, 2019	2.70	3.59	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jul 22, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 22, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 22, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 22, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jul 22, 2019	2.50	2.50	2.50	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 22, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 22, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 22, 2019	0.46	0.46	0.46	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 22, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 22, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 22, 2019	1.60	2.12	1.60	100.0%
19040526	381	1766	DARLINGTON	13127735	5	Jul 22, 2019	0.64	0.64	0.64	100.0%
19040601	492	1146	DARLINGTON	13127735	5	Jul 22, 2019	0.08	0.08	0.08	100.0%
19040601	338	580	DARLINGTON	13127735	5	Jul 22, 2019	0.55	0.55	0.55	100.0%
19040601	220	1828	DARLINGTON	13127735	5	Jul 22, 2019	1.59	1.59	1.59	100.0%
19040601	139	1148	DARLINGTON	13127735	5	Jul 22, 2019	0.20	0.20	0.20	100.0%
19040601	139	731	DARLINGTON	13127735	5	Jul 22, 2019	0.60	0.60	0.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 22, 2019	0.15	0.15	0.15	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 22, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 22, 2019	0.13	0.13	0.13	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 22, 2019	0.30	0.30	0.30	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 22, 2019	1.30	1.30	1.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 22, 2019	0.10	0.10	0.10	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 22, 2019	0.40	0.40	0.40	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 22, 2019	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 22, 2019	0.82	0.82	0.82	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 22, 2019	0.06	0.06	0.06	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 22, 2019	0.50	0.50	0.50	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 22, 2019	0.65	0.65	0.65	100.0%
19050501	364	690	CHILLY	13121105	9	Jul 22, 2019	1.10	1.10	1.10	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 22, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 22, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 22, 2019	0.78	0.78	0.78	100.0%
19050501	310	115	CHILLY	13121105	9	Jul 22, 2019	0.20	0.20	0.20	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 22, 2019	0.78	0.78	0.78	100.0%
19060501	185	392	3IN1	13130605	4	Jul 22, 2019	0.19	0.25	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	Jul 22, 2019	0.50	0.50	0.50	100.0%
19061001	2431	1855	EASTSIDE FIELD H	13132061	4	Jul 22, 2019	0.16	0.21	0.16	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 22, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jul 22, 2019	1.37	1.37	1.37	100.0%

19080709	475	1098	BURNETT	13127750	5	Jul 22, 2019	1.12	1.12	1.12	100.0%
19080715	364	692	CHILLY	13121105	9	Jul 22, 2019	0.50	0.50	0.50	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 22, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 22, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 22, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 22, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Jul 22, 2019	0.70	0.70	0.70	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 22, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 22, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 22, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 22, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 22, 2019	1.58	1.58	1.58	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 22, 2019	1.30	1.30	1.30	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 22, 2019	1.32	1.32	1.32	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 22, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 22, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 22, 2019	0.80	0.80	0.80	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 22, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Jul 22, 2019	2.35	2.35	2.35	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 22, 2019	0.30	0.30	0.30	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 22, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 22, 2019	1.44	1.44	1.44	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 22, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jul 22, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 23, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 23	420.0	3.0	0.0	423.0	0.00	423.0	3.0	0.0	0.0	420.0	0.0	0.0
9	Howell to Chilly	Jul 23	203.0	99.5	0.0	-117.5	0.28	305.5	96.1	3.4	0.0	206.4	-3.4	0.0
8	Chilly to Reservoir	* Jul 23	387.7	57.2	0.0	241.9	0.00	547.4	56.5	0.7	0.0	391.8	-4.1	0.0
	Disconnected													
7	Mackay Reservoir	* Jul 23	613.8	0.0	0.0	387.7	0.00	401.3	14.5		0.0	373.2	240.6	0.0
6	Reservoir to 2B	Jul 23	603.0	10.8	0.0	0.0	0.00	387.7	7.2	3.6	0.0	366.0	237.0	0.0
5	2B to Leslie	Jul 23	489.0	127.6	0.0	13.6	0.00	401.3	90.2	37.4	0.0	289.4	199.6	0.0
4	Leslie to Moore	Jul 23	137.1	224.7	0.0	-127.2	0.26	401.3	140.9	83.8	0.0	73.2	63.9	0.0
2	Moore to blw Munsey	Jul 23	11.8	86.0	36.7	-76.0	0.55	401.3	32.6	35.3	18.1	0.0	11.8	0.0
1	Blw Munsey to Arco	Jul 23	10.1	0.0	0.0	-1.7	0.14	401.3	0.0	0.0	0.0	0.0	10.1	0.0
								TOTAL	441.0	164.2	18.1			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 23	0.0	0.0		19230316	100%
9	Howell to Chilly	Jul 23	0.0	0.0		19230316	100%
8	Chilly to Reservoir	Jul 23	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Jul 23	0.0	0.0		18990509	32%
6	Reservoir to 2B	Jul 23	0.0	0.0		18990509	32%
5	2B to Leslie	Jul 23	0.0	0.0		18990509	32%
4	Leslie to Moore	Jul 23	75.3	51.9		18990509	32%
2	Moore to blw Munsey	Jul 23	40.6	35.4		18990509	32%
1	Blw Munsey to Arco	Jul 23	0.0	1.7		18990509	32%
	TOTAL		115.9	89.1	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	533.2
2	18810630	1.7	294.0	283.2
3	18880601	3.2	556.5	533.2
4	18960601	6.4	1113.0	1066.3
5	19020301	0.8	140.0	130.1
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118449.3

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
42820.0	42350.0	-470.0	-237.0	10.8

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74598.3
Total Storage Loss	-40550.8
Total Storage Deliver	-19182.4
Total Evaporation	-1479.9
Accounting Balance	42255.2
Current Res Content	42350.0
Storage Balance Error	-94.8

DAILY STORAGE BALANCE

42820.0	Reservoir Content Previous Day [ac-ft]
42350.0	Reservoir Content Current Day [ac-ft]
-470.0	Physical Change in Storage [ac-ft]
28.8	Storage Allocated to Mackay Reservoir [ac-ft]
-196.6	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-51.9	Leslie to Moore [cfs]
-35.4	Moore blw Munsey [cfs]
-1.7	blw Munsey to Arco Gage [cfs]
-10.1	Past Arco Gage [cfs]
-296.8	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
3.6	Reservoir to 2B [cfs]
37.4	2B to Leslie [cfs]
83.8	Leslie to Moore [cfs]
24.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-21.5	Evaporation [ac-ft]
-486.1	Accounting Change in Storage [ac-ft]
-16.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

387.7	Gain in/above Mackay Reservoir [cfs]
13.6	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
401.3	Total Available Natural Flow [cfs]
14.5	Reservoir Rights Diverted [cfs]
115.9	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
75.3	Leslie to Moore [cfs]
40.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
270.9	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
7.2	Reservoir to 2B [cfs]
90.2	2B to Leslie [cfs]
140.9	Leslie to Moore [cfs]
32.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
401.3	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.5	425
Eastside Felton Wier +	15.6	780
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	9.0	450
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.5	976
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.2	410
Total In	60.8	3041
Groundwater to Arco	8.2	410
Groundwater to Munsey	28.5	1426

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	2.8	140
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.3	115
Island Felton Farms Delivery +	2.0	100
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.2	110
Island Wanstrom David +	0.0	0
Eastside OUT	30.9	1545
Total Out	47.3	2367
Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.78	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 77.8%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 28.6 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 2.3 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 3.0 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 96.5%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 3.1 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 46.9 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 86.5%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 75.1%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 23, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	1.0	0.0	0.4	8	No Tellum 3	2.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	2.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	10.8	3.6	39.8
9	BITTON	4.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	2.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	29.6	9.0	486.5
9	Thalman Hunter D	1.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	0.0	0.0	843.8
9	NEILSEN	40.5	2.9	598.9	8	Smith Pumps	2.0	0.0	6.0	5	BURNETT	98.0	28.3	1707.1
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	49.0	0.5	1.8	8	Broken River Pum	2.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	15.8	9.1	890.2
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	3.0	3.0	525.6
8	Donahue 1	0.8	0.7	126.5	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	4.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	2.0	0.0	0.0	4	3IN1	10.0	7.4	91.1
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	297.5
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	7.0	0.0	0.0	8	Freeman Ditch	2.5	0.0	0.0	4	MOORE	147.0	49.9	3633.4
8	Mtn. Springs 1	2.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	46.9	15.4	8377.9
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	35.0	12.1	1269.7
8	Donahue 2	3.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	51.0	12.7	588.2
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	0.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	3.8	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	1.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	3.0	535.5	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.5	387.2
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.0	139.8	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.2	146.1	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 23, 2019	5.20	5.20	5.20	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 23, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 23, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 23, 2019	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 23, 2019	1.00	1.00	1.00	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 23, 2019	1.92	1.92	1.92	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 23, 2019	1.28	1.28	1.28	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 23, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jul 23, 2019	2.00	2.00	2.00	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 23, 2019	1.54	2.08	1.54	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 23, 2019	0.27	0.37	0.27	100.0%
18830601	224	854	MOORE	13132050	4	Jul 23, 2019	3.14	4.24	3.14	100.0%
18830601	221	855	MOORE	13132050	4	Jul 23, 2019	1.60	2.16	1.60	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 23, 2019	0.79	1.07	0.79	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 23, 2019	1.73	2.34	1.73	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 23, 2019	1.13	1.53	1.13	100.0%
18830810	96	449	MOORE	13132050	4	Jul 23, 2019	0.48	0.65	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 23, 2019	0.18	0.24	0.18	100.0%
18830810	263	393	MOORE	13132050	4	Jul 23, 2019	0.18	0.24	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 23, 2019	0.01	0.01	0.01	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	0.43	0.58	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	0.21	0.29	0.21	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	0.21	0.29	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 23, 2019	1.64	2.22	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 23, 2019	0.14	0.19	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 23, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Jul 23, 2019	1.62	1.62	1.62	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 23, 2019	3.04	3.04	3.04	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Jul 23, 2019	0.12	0.12	0.12	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 23, 2019	2.00	2.00	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 23, 2019	0.50	0.50	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 23, 2019	1.92	1.92	1.92	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 23, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 23, 2019	0.79	0.79	0.79	100.0%
18840422	284	228	SHARP	13126500	6	Jul 23, 2019	0.13	0.13	0.13	100.0%
18840422	544	2189	SHARP	13126500	6	Jul 23, 2019	1.00	1.00	1.00	100.0%
18840422	2525	1903	SHARP	13126500	6	Jul 23, 2019	0.08	0.08	0.08	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 23, 2019	0.12	0.12	0.12	100.0%
18840422	397	10	SHARP	13126500	6	Jul 23, 2019	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	Jul 23, 2019	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 23, 2019	0.64	0.64	0.64	100.0%
18840423	280	1860	SHARP	13126500	6	Jul 23, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jul 23, 2019	1.12	1.51	1.12	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 23, 2019	1.23	1.23	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 23, 2019	1.60	1.60	1.60	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 23, 2019	0.40	0.40	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 23, 2019	0.80	0.80	0.80	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 23, 2019	0.77	0.77	0.77	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 23, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 23, 2019	0.22	0.22	0.22	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 23, 2019	2.24	3.03	2.24	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 23, 2019	2.14	2.89	2.14	100.0%
18840520	180	470	MOORE	13132050	4	Jul 23, 2019	0.16	0.22	0.16	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 23, 2019	0.38	0.51	0.38	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 23, 2019	0.74	1.00	0.74	100.0%
18840520	219	547	MOORE	13132050	4	Jul 23, 2019	1.15	1.55	1.15	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 23, 2019	0.01	0.01	0.01	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 23, 2019	0.02	0.03	0.02	100.0%
18840520	242	210	MOORE	13132050	4	Jul 23, 2019	0.21	0.28	0.21	100.0%

18840520	263	394	MOORE	13132050	4	Jul 23, 2019	0.22	0.30	0.22	100.0%
18840520	340	816	MOORE	13132050	4	Jul 23, 2019	0.36	0.49	0.36	100.0%
18840520	463	1300	MOORE	13132050	4	Jul 23, 2019	1.60	2.16	1.60	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 23, 2019	0.01	0.01	0.01	100.0%
18840520	433	271	MOORE	13132050	4	Jul 23, 2019	0.54	0.73	0.54	100.0%
18840520	427	1	MOORE	13132050	4	Jul 23, 2019	1.26	1.70	1.26	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 23, 2019	1.60	2.16	1.60	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 23, 2019	0.90	1.22	0.90	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 23, 2019	0.78	1.05	0.78	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 23, 2019	0.18	0.24	0.18	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 23, 2019	0.04	0.05	0.04	100.0%
18840520	113	585	MOORE	13132050	4	Jul 23, 2019	0.11	0.15	0.11	100.0%
18840520	96	451	MOORE	13132050	4	Jul 23, 2019	0.58	0.78	0.58	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 23, 2019	0.22	0.30	0.22	100.0%
18840520	14	2061	MOORE	13132050	4	Jul 23, 2019	0.04	0.05	0.04	100.0%
18840520	14	2002	MOORE	13132050	4	Jul 23, 2019	0.02	0.03	0.02	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	0.80	1.08	0.80	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 23, 2019	0.08	0.11	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Jul 23, 2019	0.21	0.28	0.21	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 23, 2019	0.01	0.01	0.01	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 23, 2019	1.52	2.05	1.52	100.0%
18840601	263	395	MOORE	13132050	4	Jul 23, 2019	0.08	0.11	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 23, 2019	0.54	0.73	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 23, 2019	0.09	0.12	0.09	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 23, 2019	1.04	1.41	1.04	100.0%
18840601	15	131	MOORE	13132050	4	Jul 23, 2019	0.37	0.50	0.37	100.0%
18840601	573	1722	MOORE	13132050	4	Jul 23, 2019	0.04	0.05	0.04	100.0%
18840601	573	1723	MOORE	13132050	4	Jul 23, 2019	0.13	0.18	0.13	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 23, 2019	0.16	0.22	0.16	100.0%
18840601	73	2027	BURNETT	13127750	5	Jul 23, 2019	0.23	0.23	0.23	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 23, 2019	0.73	0.73	0.73	100.0%
18840601	73	2026	BURNETT	13127750	5	Jul 23, 2019	0.37	0.37	0.37	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 23, 2019	0.80	0.80	0.80	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 23, 2019	0.36	0.36	0.36	100.0%
18840601	360	693	BURNETT	13127750	5	Jul 23, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 23, 2019	0.96	0.96	0.96	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 23, 2019	0.64	0.64	0.64	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 23, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 23, 2019	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 23, 2019	1.20	1.62	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 23, 2019	0.80	1.08	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 23, 2019	1.20	1.62	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jul 23, 2019	0.80	1.08	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 23, 2019	0.80	1.08	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Jul 23, 2019	0.80	1.08	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 23, 2019	0.80	1.08	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 23, 2019	0.63	0.85	0.63	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 23, 2019	0.80	1.08	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Jul 23, 2019	0.80	1.08	0.80	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 23, 2019	0.20	0.27	0.20	100.0%
18840831	533	421	MOORE	13132050	4	Jul 23, 2019	0.14	0.19	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 23, 2019	0.58	0.78	0.58	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	0.40	0.54	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	0.50	0.68	0.50	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	0.44	0.59	0.44	100.0%
18840831	2431	1799	EASTSIDE FIELD H	13132061	4	Jul 23, 2019	0.13	0.18	0.13	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	0.40	0.54	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 23, 2019	1.31	1.77	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 23, 2019	3.20	4.33	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 23, 2019	1.74	1.74	1.74	100.0%
18840914	360	68	BURNETT	13127750	5	Jul 23, 2019	0.80	0.80	0.80	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 23, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jul 23, 2019	1.76	2.38	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 23, 2019	1.25	1.69	1.25	100.0%

18841012	459	342	MOORE	13132050	4	Jul 23, 2019	0.58	0.78	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 23, 2019	0.89	1.20	0.89	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 23, 2019	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 23, 2019	0.74	0.74	0.74	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jul 23, 2019	1.20	1.20	1.20	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 23, 2019	3.30	3.30	3.30	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 23, 2019	2.78	2.78	2.78	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 23, 2019	0.81	0.81	0.81	100.0%
18850501	423	186	ARCO	13132365	2	Jul 23, 2019	0.26	0.79	0.26	100.0%
18850501	468	59	ARCO	13132365	2	Jul 23, 2019	0.74	2.24	0.74	100.0%
18850501	423	87	ARCO	13132365	2	Jul 23, 2019	0.20	0.61	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 23, 2019	0.24	0.32	0.24	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 23, 2019	0.20	0.27	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 23, 2019	1.80	2.43	1.80	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jul 23, 2019	2.00	2.70	2.00	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 23, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 23, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	0.20	0.27	0.20	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	0.20	0.27	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	1.40	1.89	1.40	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 23, 2019	0.30	0.41	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 23, 2019	0.56	0.76	0.56	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 23, 2019	0.11	0.11	0.11	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 23, 2019	1.37	1.37	1.37	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 23, 2019	0.19	0.19	0.19	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 23, 2019	0.01	0.01	0.01	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 23, 2019	0.04	0.06	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 23, 2019	1.56	2.10	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	2.80	3.78	2.80	100.0%
18850601	205	2064	BECK	13130525	4	Jul 23, 2019	0.59	0.80	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 23, 2019	1.20	1.62	1.20	100.0%
18850601	15	859	MOORE	13132050	4	Jul 23, 2019	0.50	0.68	0.50	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Jul 23, 2019	0.80	0.80	0.80	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 23, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jul 23, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Jul 23, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jul 23, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 23, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 23, 2019	3.08	3.08	3.08	100.0%
18851002	468	61	ARCO	13132365	2	Jul 23, 2019	3.60	10.92	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Jul 23, 2019	1.54	4.67	1.54	100.0%
18851002	318	817	MUNSEY	13132375	2	Jul 23, 2019	0.80	2.43	0.80	100.0%
18851002	318	545	MUNSEY	13132375	2	Jul 23, 2019	0.75	2.28	0.75	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 23, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 23, 2019	1.60	2.16	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jul 23, 2019	1.20	1.62	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 23, 2019	2.80	3.78	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 23, 2019	2.56	3.46	2.56	100.0%
18860512	96	459	MOORE	13132050	4	Jul 23, 2019	0.48	0.65	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 23, 2019	0.18	0.24	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 23, 2019	0.01	0.01	0.01	100.0%
18860512	263	398	MOORE	13132050	4	Jul 23, 2019	0.18	0.24	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	1.41	1.91	1.41	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 23, 2019	0.09	0.12	0.09	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 23, 2019	0.20	0.27	0.20	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 23, 2019	2.40	3.24	2.40	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	1.24	1.68	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	1.10	1.49	1.10	100.0%
18860601	357	1288	BURNETT	13127750	5	Jul 23, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 23, 2019	0.50	0.50	0.50	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	0.02	0.03	0.02	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	1.00	1.35	1.00	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 23, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 23, 2019	1.46	1.46	1.46	100.0%

18860721	484	1673	BURNETT	13127750	5	Jul 23, 2019	2.32	2.32	2.32	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 23, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 23, 2019	1.26	1.26	1.26	100.0%
18860914	525	1472	BURNETT	13127750	5	Jul 23, 2019	2.31	2.31	2.31	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 23, 2019	0.34	0.34	0.34	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 23, 2019	3.20	4.33	3.20	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 23, 2019	1.60	2.16	1.60	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 23, 2019	0.80	1.08	0.80	100.0%
18870313	433	683	MOORE	13132050	4	Jul 23, 2019	0.70	0.95	0.70	100.0%
18870313	459	682	MOORE	13132050	4	Jul 23, 2019	0.65	0.88	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Jul 23, 2019	0.42	0.57	0.42	100.0%
18870313	73	2028	BURNETT	13127750	5	Jul 23, 2019	1.05	1.05	1.05	100.0%
18870313	360	681	BURNETT	13127750	5	Jul 23, 2019	0.80	0.80	0.80	100.0%
18870313	73	2029	BURNETT	13127750	5	Jul 23, 2019	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 23, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 23, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 23, 2019	3.20	9.71	3.20	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 23, 2019	0.58	1.76	0.58	100.0%
18870601	423	76	ARCO	13132365	2	Jul 23, 2019	0.22	0.67	0.22	100.0%
18870601	468	893	ARCO	13132365	2	Jul 23, 2019	1.40	4.25	1.40	100.0%
18870601	19	892	MUNSEY	13132375	2	Jul 23, 2019	1.22	3.70	1.22	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 23, 2019	1.00	1.35	1.00	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Jul 23, 2019	2.20	2.97	2.20	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 23, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 23, 2019	0.95	0.95	0.95	100.0%
18870601	73	2023	BURNETT	13127750	5	Jul 23, 2019	0.69	0.69	0.69	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 23, 2019	0.92	0.92	0.92	100.0%
18870601	73	2022	BURNETT	13127750	5	Jul 23, 2019	1.11	1.11	1.11	100.0%
18870601	525	1471	BURNETT	13127750	5	Jul 23, 2019	0.25	0.25	0.25	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 23, 2019	0.04	0.04	0.04	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 23, 2019	0.12	0.12	0.12	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 23, 2019	0.08	0.08	0.08	100.0%
18870601	483	1270	CHILLY	13121105	9	Jul 23, 2019	0.80	0.80	0.80	100.0%
18870630	236	1428	BECK	13130525	4	Jul 23, 2019	0.58	0.78	0.58	100.0%
18870630	490	1395	BURNETT	13127750	5	Jul 23, 2019	0.80	0.80	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 23, 2019	0.80	0.80	0.80	100.0%
18870801	73	2016	BURNETT	13127750	5	Jul 23, 2019	0.62	0.62	0.62	100.0%
18870801	119	1166	BURNETT	13127750	5	Jul 23, 2019	0.27	0.27	0.27	100.0%
18870801	73	2017	BURNETT	13127750	5	Jul 23, 2019	0.38	0.38	0.38	100.0%
18870831	119	1154	BURNETT	13127750	5	Jul 23, 2019	1.20	1.20	1.20	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 23, 2019	0.65	0.65	0.65	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 23, 2019	0.32	0.32	0.32	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 23, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 23, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jul 23, 2019	0.33	1.00	0.33	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	2.16	2.92	2.16	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 23, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 23, 2019	1.60	1.60	1.60	100.0%
18880630	490	1750	BURNETT	13127750	5	Jul 23, 2019	0.06	0.06	0.06	100.0%
18880630	490	1826	BURNETT	13127750	5	Jul 23, 2019	0.24	0.24	0.24	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 23, 2019	0.40	1.21	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 23, 2019	0.97	0.97	0.97	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 23, 2019	0.48	0.48	0.48	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 23, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 23, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 23, 2019	0.31	0.31	0.31	100.0%
18881101	59	2222	KENT	13120605	9	Jul 23, 2019	0.33	0.33	0.33	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 23, 2019	1.33	1.33	1.33	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 23, 2019	1.23	1.23	1.23	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 23, 2019	1.12	1.52	1.12	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 23, 2019	0.50	0.68	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jul 23, 2019	0.97	1.31	0.97	100.0%
18890601	463	1396	MOORE	13132050	4	Jul 23, 2019	0.20	0.27	0.20	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 23, 2019	0.35	0.47	0.35	100.0%

18890601	490	1786	BURNETT	13127750	5	Jul 23, 2019	0.95	0.95	0.95	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 23, 2019	0.80	0.80	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 23, 2019	1.20	1.20	1.20	100.0%
18890601	490	1748	BURNETT	13127750	5	Jul 23, 2019	0.25	0.25	0.25	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 23, 2019	2.70	2.70	2.70	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 23, 2019	2.00	2.00	2.00	100.0%
18890601	119	996	BURNETT	13127750	5	Jul 23, 2019	0.40	0.40	0.40	100.0%
18900601	372	886	ARCO	13132365	2	Jul 23, 2019	0.59	1.79	0.59	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 23, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 23, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 23, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 23, 2019	1.70	1.70	1.70	100.0%
18910630	205	2065	BECK	13130525	4	Jul 23, 2019	0.99	1.34	0.99	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 23, 2019	0.34	0.46	0.34	100.0%
18910630	44	1003	MOORE	13132050	4	Jul 23, 2019	0.16	0.22	0.16	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 23, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 23, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 23, 2019	0.30	0.41	0.30	100.0%
18920101	2615	1643	MOORE	13132050	4	Jul 23, 2019	1.17	1.58	1.17	100.0%
18920501	468	60	ARCO	13132365	2	Jul 23, 2019	0.50	1.52	0.50	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 23, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 23, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 23, 2019	0.30	0.41	0.30	100.0%
18930201	158	538	MOORE	13132050	4	Jul 23, 2019	0.03	0.04	0.03	100.0%
18930201	417	380	MOORE	13132050	4	Jul 23, 2019	0.22	0.30	0.22	100.0%
18930201	463	1423	MOORE	13132050	4	Jul 23, 2019	0.30	0.41	0.30	100.0%
18930323	77	688	MOORE	13132050	4	Jul 23, 2019	1.50	2.03	1.50	100.0%
18930323	77	366	MOORE	13132050	4	Jul 23, 2019	1.60	2.16	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 23, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	Jul 23, 2019	0.16	0.16	0.16	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 23, 2019	0.19	0.19	0.19	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 23, 2019	0.04	0.04	0.04	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 23, 2019	0.63	0.63	0.63	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 23, 2019	0.77	0.77	0.77	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 23, 2019	1.74	1.74	1.74	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 23, 2019	0.44	0.44	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	Jul 23, 2019	2.04	2.04	2.04	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 23, 2019	2.80	2.80	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 23, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 23, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jul 23, 2019	0.80	1.08	0.80	100.0%
18940531	77	800	MOORE	13132050	4	Jul 23, 2019	0.74	1.00	0.74	100.0%
18940531	5	776	MOORE	13132050	4	Jul 23, 2019	0.20	0.27	0.20	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 23, 2019	3.20	9.71	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jul 23, 2019	0.15	0.20	0.15	100.0%
18940601	158	536	MOORE	13132050	4	Jul 23, 2019	0.02	0.03	0.02	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	0.76	1.03	0.76	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 23, 2019	0.11	0.11	0.11	100.0%
18940601	139	713	BURNETT	13127750	5	Jul 23, 2019	0.68	0.68	0.68	100.0%
18940601	360	698	BURNETT	13127750	5	Jul 23, 2019	1.60	1.60	1.60	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 23, 2019	0.18	0.18	0.18	100.0%
18940601	2525	1904	SHARP	13126500	6	Jul 23, 2019	0.13	0.13	0.13	100.0%
18940601	284	229	SHARP	13126500	6	Jul 23, 2019	0.22	0.22	0.22	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 23, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 23, 2019	3.20	3.20	3.20	100.0%
18950601	242	212	MOORE	13132050	4	Jul 23, 2019	0.11	0.15	0.11	100.0%
18950601	417	378	MOORE	13132050	4	Jul 23, 2019	0.10	0.14	0.10	100.0%
18950601	158	534	MOORE	13132050	4	Jul 23, 2019	0.01	0.01	0.01	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 23, 2019	0.80	1.08	0.80	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	0.40	0.54	0.40	100.0%
18950601	621	1518	EASTSIDE FIELD H	13132061	4	Jul 23, 2019	0.20	0.27	0.20	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 23, 2019	2.40	2.40	2.40	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 23, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 23, 2019	0.02	0.02	0.02	100.0%

18950630	265	2218	BURNETT	13127750	5	Jul 23, 2019	2.62	2.62	2.62	100.0%
18960302	402	872	MOORE	13132050	4	Jul 23, 2019	0.25	0.34	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jul 23, 2019	0.25	0.34	0.25	100.0%
18960327	29	839	MOORE	13132050	4	Jul 23, 2019	1.60	2.16	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 23, 2019	0.50	0.50	0.50	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 23, 2019	0.40	0.54	0.40	100.0%
18960601	406	65	MOORE	13132050	4	Jul 23, 2019	0.30	0.41	0.30	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 23, 2019	0.44	0.59	0.44	100.0%
18960601	573	1553	MOORE	13132050	4	Jul 23, 2019	0.01	0.01	0.01	100.0%
18960601	533	424	MOORE	13132050	4	Jul 23, 2019	0.11	0.15	0.11	100.0%
18960601	263	399	MOORE	13132050	4	Jul 23, 2019	0.27	0.36	0.27	100.0%
18960601	402	876	MOORE	13132050	4	Jul 23, 2019	0.08	0.11	0.08	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 23, 2019	0.02	0.03	0.02	100.0%
18960601	85	1587	MOORE	13132050	4	Jul 23, 2019	0.12	0.16	0.12	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 23, 2019	0.03	0.04	0.03	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 23, 2019	1.57	2.12	1.57	100.0%
18960601	263	397	MOORE	13132050	4	Jul 23, 2019	0.35	0.47	0.35	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 23, 2019	0.60	0.81	0.60	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 23, 2019	1.34	1.81	1.34	100.0%
18960601	96	461	MOORE	13132050	4	Jul 23, 2019	0.73	0.99	0.73	100.0%
18960601	417	381	MOORE	13132050	4	Jul 23, 2019	2.40	3.24	2.40	100.0%
18960601	441	207	MOORE	13132050	4	Jul 23, 2019	1.00	1.35	1.00	100.0%
18960601	96	457	MOORE	13132050	4	Jul 23, 2019	0.92	1.24	0.92	100.0%
18960601	459	993	MOORE	13132050	4	Jul 23, 2019	0.40	0.54	0.40	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 23, 2019	2.40	3.24	2.40	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 23, 2019	0.23	0.31	0.23	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 23, 2019	0.40	0.54	0.40	100.0%
18960601	417	992	MOORE	13132050	4	Jul 23, 2019	1.20	1.62	1.20	100.0%
18960601	309	877	MOORE	13132050	4	Jul 23, 2019	0.08	0.11	0.08	100.0%
18960601	15	1106	MOORE	13132050	4	Jul 23, 2019	1.17	1.58	1.17	100.0%
18960601	463	128	MOORE	13132050	4	Jul 23, 2019	0.36	0.49	0.36	100.0%
18960601	158	540	MOORE	13132050	4	Jul 23, 2019	0.32	0.43	0.32	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 23, 2019	0.70	0.95	0.70	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	0.04	0.05	0.04	100.0%
18960601	2431	1831	EASTSIDE FIELD H	13132061	4	Jul 23, 2019	0.85	1.15	0.85	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jul 23, 2019	0.74	1.00	0.74	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	0.04	0.05	0.04	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 23, 2019	0.41	0.55	0.41	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 23, 2019	6.40	6.40	6.40	100.0%
18960630	490	1827	BURNETT	13127750	5	Jul 23, 2019	0.24	0.24	0.24	100.0%
18960630	490	1751	BURNETT	13127750	5	Jul 23, 2019	0.06	0.06	0.06	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 23, 2019	2.00	6.07	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jul 23, 2019	0.80	0.80	0.80	100.0%
18960801	280	1186	SHARP	13126500	6	Jul 23, 2019	1.14	1.14	1.14	100.0%
18960901	437	671	ARCO	13132365	2	Jul 23, 2019	0.13	0.39	0.13	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 23, 2019	1.97	5.98	1.97	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 23, 2019	4.40	13.35	4.40	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 23, 2019	0.03	0.09	0.03	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 23, 2019	0.40	1.21	0.40	100.0%
18960928	544	2161	SHARP	13126500	6	Jul 23, 2019	0.10	0.10	0.10	100.0%
18970510	437	664	ARCO	13132365	2	Jul 23, 2019	1.66	5.04	1.66	100.0%
18970510	73	2019	BURNETT	13127750	5	Jul 23, 2019	0.58	0.58	0.58	100.0%
18970510	73	2018	BURNETT	13127750	5	Jul 23, 2019	0.92	0.92	0.92	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 23, 2019	2.00	2.00	2.00	100.0%
18970531	589	1312	BURNETT	13127750	5	Jul 23, 2019	0.36	0.36	0.36	100.0%
18970601	533	427	MOORE	13132050	4	Jul 23, 2019	0.04	0.05	0.04	100.0%
18970601	306	1696	MOORE	13132050	4	Jul 23, 2019	0.16	0.22	0.16	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 23, 2019	3.20	3.20	3.20	100.0%
18970615	306	1697	MOORE	13132050	4	Jul 23, 2019	0.16	0.22	0.16	100.0%
18970615	242	214	MOORE	13132050	4	Jul 23, 2019	0.22	0.30	0.22	100.0%
18970615	533	430	MOORE	13132050	4	Jul 23, 2019	0.01	0.01	0.01	100.0%
18970615	144	1959	LOWER EASTSIDE &	13132291	4	Jul 23, 2019	0.24	0.32	0.24	100.0%
18970615	2613	2038	EASTSIDE FIELD H	13132061	4	Jul 23, 2019	0.13	0.18	0.13	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	0.65	0.88	0.65	100.0%

18980601	192	1406	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	0.65	0.88	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jul 23, 2019	1.60	1.60	1.60	100.0%
18980601	336	984	BURNETT	13127750	5	Jul 23, 2019	0.34	0.34	0.34	100.0%
18980901	268	562	ARCO	13132365	2	Jul 23, 2019	1.57	4.76	1.57	100.0%
18990101	185	1639	UPPER EASTSIDE &	13132101	4	Jul 23, 2019	0.76	1.03	0.76	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 23, 2019	0.60	0.81	0.60	100.0%
18990327	187	1873	MOORE	13132050	4	Jul 23, 2019	0.07	0.09	0.07	100.0%
18990327	219	549	MOORE	13132050	4	Jul 23, 2019	0.29	0.39	0.29	100.0%
18990327	187	1874	MOORE	13132050	4	Jul 23, 2019	0.01	0.01	0.01	100.0%
18990327	14	2062	MOORE	13132050	4	Jul 23, 2019	0.01	0.01	0.01	100.0%
18990327	180	468	MOORE	13132050	4	Jul 23, 2019	0.05	0.07	0.05	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 23, 2019	0.54	0.73	0.54	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 23, 2019	0.21	0.28	0.21	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 23, 2019	0.01	0.01	0.01	100.0%
18990327	433	272	MOORE	13132050	4	Jul 23, 2019	0.45	0.61	0.45	100.0%
18990327	113	584	MOORE	13132050	4	Jul 23, 2019	0.03	0.04	0.03	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jul 23, 2019	2.80	8.49	0.90	32.3%
18990601	130	1076	NEILSEN	13120805	9	Jul 23, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 23, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 23, 2019	0.39	0.39	0.39	99.7%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 23, 2019	0.19	0.19	0.19	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 23, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 23, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 23, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 23, 2019	3.00	3.00	3.00	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 23, 2019	0.30	0.30	0.30	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 23, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 23, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 23, 2019	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 23, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 23, 2019	2.60	2.60	2.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 23, 2019	3.40	3.40	3.40	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 23, 2019	3.13	3.13	3.13	100.0%
19020401	1	978	6X Ranch 6	13124100	8	Jul 23, 2019	2.00	2.00	2.00	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 23, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jul 23, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 23, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 23, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 23, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jul 23, 2019	2.50	2.50	2.50	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 23, 2019	0.46	0.46	0.46	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 23, 2019	0.24	0.24	0.24	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 23, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 23, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 23, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 23, 2019	0.15	0.15	0.15	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 23, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 23, 2019	0.13	0.13	0.13	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 23, 2019	3.00	3.00	3.00	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 23, 2019	0.50	0.50	0.50	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 23, 2019	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 23, 2019	1.30	1.30	1.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 23, 2019	0.10	0.10	0.10	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 23, 2019	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 23, 2019	0.30	0.30	0.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 23, 2019	0.65	0.65	0.65	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 23, 2019	0.06	0.06	0.06	100.0%
19050501	364	690	CHILLY	13121105	9	Jul 23, 2019	1.10	1.10	1.10	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 23, 2019	0.58	0.58	0.58	100.0%
19050501	310	115	CHILLY	13121105	9	Jul 23, 2019	0.20	0.20	0.20	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 23, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 23, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 23, 2019	0.78	0.78	0.78	100.0%
19060620	364	691	CHILLY	13121105	9	Jul 23, 2019	0.50	0.50	0.50	100.0%

19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 23, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jul 23, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Jul 23, 2019	0.50	0.50	0.50	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 23, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 23, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 23, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 23, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Jul 23, 2019	0.70	0.70	0.70	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 23, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 23, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 23, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 23, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 23, 2019	1.30	1.30	1.30	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 23, 2019	1.58	1.58	1.58	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 23, 2019	1.32	1.32	1.32	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 23, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 23, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 23, 2019	0.18	0.18	0.18	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 23, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Jul 23, 2019	2.35	2.35	2.35	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 23, 2019	0.30	0.30	0.30	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 23, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 23, 2019	1.44	1.44	1.44	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 23, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jul 23, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 24, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		Jul 24	406.0	3.0	0.0	409.0	0.00	409.0	3.0	0.0	0.0	406.0	0.0	0.0
9	Howell to Chilly		Jul 24	188.0	99.5	0.0	-118.5	0.29	290.5	96.1	3.4	0.0	191.4	-3.4	0.0
8	Chilly to Reservoir	*	Jul 24	381.3	57.2	0.0	250.5	0.00	541.0	56.5	0.7	0.0	385.4	-4.1	0.0
	Disconnected														
7	Mackay Reservoir	*	Jul 24	597.9	0.0	0.0	381.3	0.00	381.3	14.5		0.0	366.8	231.1	0.0
6	Reservoir to 2B		Jul 24	587.0	10.9	0.0	0.0	0.00	381.3	9.8	1.1	0.0	357.0	230.0	0.0
5	2B to Leslie		Jul 24	469.0	118.0	0.0	0.0	0.00	381.3	87.4	30.6	0.0	269.6	199.4	0.0
4	Leslie to Moore		Jul 24	160.3	198.3	0.0	-110.4	0.24	381.3	123.5	74.7	0.0	82.6	77.8	0.0
2	Moore to blw Munsey		Jul 24	22.5	82.5	28.5	-83.9	0.52	381.3	39.4	24.5	18.6	0.0	22.5	0.0
1	Blw Munsey to Arco		Jul 24	17.4	0.0	0.0	-5.1	0.23	381.3	0.0	0.0	0.0	0.0	17.4	0.0
									TOTAL	430.2	135.0	18.6			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 24	0.0	0.0		19230316	100%
9	Howell to Chilly	Jul 24	0.0	0.0		19230316	100%
8	Chilly to Reservoir	Jul 24	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Jul 24	0.0	0.0		19020115	98%
6	Reservoir to 2B	Jul 24	0.0	0.0		19020115	98%
5	2B to Leslie	Jul 24	0.0	0.0		19020115	98%
4	Leslie to Moore	Jul 24	63.5	46.9		19020115	98%
2	Moore to blw Munsey	Jul 24	43.2	40.7		19020115	98%
1	Blw Munsey to Arco	Jul 24	0.0	5.1		19020115	98%
		TOTAL	106.7	92.7	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	539.5
2	18810630	1.7	294.0	286.6
3	18880601	3.2	556.5	539.5
4	18960601	6.4	1113.0	1079.0
5	19020301	0.8	140.0	130.1
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118478.0

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
42350.0	41890.0	-460.0	-231.9	15.3

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74627.0
Total Storage Loss	-40769.2
Total Storage Deliver	-19442.1
Total Evaporation	-1510.2
Accounting Balance	41775.5
Current Res Content	41890.0
Storage Balance Error	-114.5

DAILY STORAGE BALANCE

42350.0	Reservoir Content Previous Day [ac-ft]
41890.0	Reservoir Content Current Day [ac-ft]
-460.0	Physical Change in Storage [ac-ft]
28.8	Storage Allocated to Mackay Reservoir [ac-ft]
-218.4	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-46.9	Leslie to Moore [cfs]
-40.7	Moore blw Munsey [cfs]
-5.1	blw Munsey to Arco Gage [cfs]
-17.4	Past Arco Gage [cfs]
-260.0	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
1.1	Reservoir to 2B [cfs]
30.6	2B to Leslie [cfs]
74.7	Leslie to Moore [cfs]
24.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-30.3	Evaporation [ac-ft]
-479.9	Accounting Change in Storage [ac-ft]
-19.9	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

381.3	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
381.3	Total Available Natural Flow [cfs]
14.5	Reservoir Rights Diverted [cfs]
106.7	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
63.5	Leslie to Moore [cfs]
43.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
260.1	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
9.8	Reservoir to 2B [cfs]
87.4	2B to Leslie [cfs]
123.5	Leslie to Moore [cfs]
39.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
381.3	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	6.5	325
Eastside Felton Wier +	24.2	1210
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	9.0	450
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.5	976
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	59.2	2961
Groundwater to Arco	0.0	0
Groundwater to Munsey	28.5	1426

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	2.8	140
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	2.0	100
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	26.3	1315
Total Out	38.2	1912

Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.65

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)		
	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 64.6%
Step 2 - Groundwater at Eastside Out		
	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 18.4 cfs
Step 3 - River at Eastside Out		
	Eastside Out - Groundwater at Eastside Out	= 7.9 cfs
Step 4 - River at Weirs		
	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 12.2 cfs
Step 5 - Upper Reach Delivery Factor		
	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 85.2%
Step 6 - River at Eastside In		
	River at Weirs --- Upper Reach Delivery Factor	= 14.3 cfs
Step 7 - Canal at Eastside In		
	Eastside In - River at Eastside In	= 35.7 cfs
Step 8 - Canal Delivery Factor		
	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 66.8%
Step 9 - Eastside River Delivery Factor		
	River at Eastside Out --- River at Eastside In	= 55.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 24, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	1.0	0.0	0.4	8	No Tellum 3	2.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	2.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	10.9	1.1	41.9
9	BITTON	4.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	2.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	28.0	6.3	499.1
9	Thalman Hunter D	1.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	0.0	0.0	843.8
9	NEILSEN	40.5	2.9	604.7	8	Smith Pumps	2.0	0.0	6.0	5	BURNETT	90.0	24.2	1755.2
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	49.0	0.5	2.7	8	Broken River Pum	2.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	15.6	9.0	908.1
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	3.0	3.0	531.6
8	Donahue 1	0.8	0.7	127.9	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	4.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	2.0	0.0	0.0	4	3IN1	6.0	3.4	97.8
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	301.5
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	7.0	0.0	0.0	8	Freeman Ditch	2.5	0.0	0.0	4	MOORE	136.0	38.2	3709.1
8	Mtn. Springs 1	2.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	35.7	20.3	8418.2
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	31.5	13.4	1296.4
8	Donahue 2	3.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	51.0	11.3	610.6
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	0.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	3.8	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	1.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	3.0	541.5	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.5	464.6
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.0	175.5	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	146.1	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 24, 2019	5.20	5.20	5.20	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 24, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 24, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 24, 2019	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 24, 2019	1.00	1.00	1.00	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 24, 2019	1.92	1.92	1.92	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 24, 2019	1.28	1.28	1.28	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 24, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jul 24, 2019	2.00	2.00	2.00	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 24, 2019	0.27	0.36	0.27	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 24, 2019	1.54	2.01	1.54	100.0%
18830601	221	855	MOORE	13132050	4	Jul 24, 2019	1.60	2.09	1.60	100.0%
18830601	224	854	MOORE	13132050	4	Jul 24, 2019	2.76	3.61	2.76	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 24, 2019	0.79	1.03	0.79	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 24, 2019	1.13	1.48	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 24, 2019	1.73	2.26	1.73	100.0%
18830810	96	449	MOORE	13132050	4	Jul 24, 2019	0.48	0.63	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jul 24, 2019	0.18	0.24	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 24, 2019	0.18	0.24	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 24, 2019	0.01	0.01	0.01	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 24, 2019	0.21	0.28	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 24, 2019	0.43	0.56	0.43	100.0%
18840422	236	30	BECK	13130525	4	Jul 24, 2019	1.64	2.14	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 24, 2019	0.14	0.18	0.14	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 24, 2019	1.12	1.12	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 24, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Jul 24, 2019	0.12	0.12	0.12	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Jul 24, 2019	1.62	1.62	1.62	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 24, 2019	1.63	1.63	1.63	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 24, 2019	0.50	0.50	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 24, 2019	1.92	1.92	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 24, 2019	2.00	2.00	2.00	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 24, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 24, 2019	0.79	0.79	0.79	100.0%
18840422	397	10	SHARP	13126500	6	Jul 24, 2019	0.12	0.12	0.12	100.0%
18840422	2525	1903	SHARP	13126500	6	Jul 24, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Jul 24, 2019	0.13	0.13	0.13	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 24, 2019	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	Jul 24, 2019	0.08	0.08	0.08	100.0%
18840422	544	2189	SHARP	13126500	6	Jul 24, 2019	1.00	1.00	1.00	100.0%
18840422	347	938	SHARP	13126500	6	Jul 24, 2019	2.37	2.37	2.37	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 24, 2019	0.64	0.64	0.64	100.0%
18840423	280	1860	SHARP	13126500	6	Jul 24, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jul 24, 2019	1.10	1.44	1.10	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 24, 2019	1.23	1.23	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 24, 2019	1.60	1.60	1.60	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 24, 2019	0.80	0.80	0.80	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 24, 2019	0.77	0.77	0.77	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 24, 2019	0.40	0.40	0.40	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 24, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 24, 2019	0.22	0.22	0.22	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 24, 2019	0.90	1.18	0.90	100.0%
18840520	96	451	MOORE	13132050	4	Jul 24, 2019	0.58	0.76	0.58	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 24, 2019	2.14	2.80	2.14	100.0%
18840520	219	547	MOORE	13132050	4	Jul 24, 2019	1.15	1.50	1.15	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 24, 2019	0.22	0.29	0.22	100.0%
18840520	340	816	MOORE	13132050	4	Jul 24, 2019	0.36	0.47	0.36	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 24, 2019	0.04	0.05	0.04	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 24, 2019	2.24	2.93	2.24	100.0%

18840520	651	1727	MOORE	13132050	4	Jul 24, 2019	0.02	0.03	0.02	100.0%
18840520	14	2002	MOORE	13132050	4	Jul 24, 2019	0.02	0.03	0.02	100.0%
18840520	242	210	MOORE	13132050	4	Jul 24, 2019	0.21	0.27	0.21	100.0%
18840520	14	2061	MOORE	13132050	4	Jul 24, 2019	0.04	0.05	0.04	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 24, 2019	0.01	0.01	0.01	100.0%
18840520	463	1300	MOORE	13132050	4	Jul 24, 2019	1.60	2.09	1.60	100.0%
18840520	433	271	MOORE	13132050	4	Jul 24, 2019	0.54	0.71	0.54	100.0%
18840520	427	1	MOORE	13132050	4	Jul 24, 2019	1.10	1.44	1.10	100.0%
18840520	180	470	MOORE	13132050	4	Jul 24, 2019	0.16	0.21	0.16	100.0%
18840520	113	585	MOORE	13132050	4	Jul 24, 2019	0.11	0.14	0.11	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 24, 2019	0.01	0.01	0.01	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 24, 2019	1.60	2.09	1.60	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 24, 2019	0.38	0.50	0.38	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 24, 2019	0.78	1.02	0.78	100.0%
18840520	263	394	MOORE	13132050	4	Jul 24, 2019	0.22	0.29	0.22	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 24, 2019	0.66	0.86	0.66	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 24, 2019	0.18	0.24	0.18	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 24, 2019	0.48	0.48	0.48	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 24, 2019	1.52	1.99	1.52	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 24, 2019	0.08	0.10	0.08	100.0%
18840601	263	395	MOORE	13132050	4	Jul 24, 2019	0.08	0.10	0.08	100.0%
18840601	573	1722	MOORE	13132050	4	Jul 24, 2019	0.04	0.05	0.04	100.0%
18840601	573	1723	MOORE	13132050	4	Jul 24, 2019	0.12	0.16	0.12	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 24, 2019	0.92	1.20	0.92	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 24, 2019	0.01	0.01	0.01	100.0%
18840601	15	131	MOORE	13132050	4	Jul 24, 2019	0.37	0.48	0.37	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 24, 2019	0.09	0.12	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 24, 2019	0.54	0.71	0.54	100.0%
18840601	96	453	MOORE	13132050	4	Jul 24, 2019	0.21	0.27	0.21	100.0%
18840601	360	693	BURNETT	13127750	5	Jul 24, 2019	0.80	0.80	0.80	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 24, 2019	0.80	0.80	0.80	100.0%
18840601	73	2026	BURNETT	13127750	5	Jul 24, 2019	0.37	0.37	0.37	100.0%
18840601	73	2027	BURNETT	13127750	5	Jul 24, 2019	0.23	0.23	0.23	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 24, 2019	0.73	0.73	0.73	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 24, 2019	0.32	0.32	0.32	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 24, 2019	0.96	0.96	0.96	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 24, 2019	0.64	0.64	0.64	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 24, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 24, 2019	0.80	0.80	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 24, 2019	0.72	0.94	0.72	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 24, 2019	1.20	1.57	1.20	100.0%
18840715	15	799	MOORE	13132050	4	Jul 24, 2019	0.80	1.05	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 24, 2019	0.80	1.05	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jul 24, 2019	0.80	1.05	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 24, 2019	0.80	1.05	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 24, 2019	1.20	1.57	1.20	100.0%
18840731	44	1132	MOORE	13132050	4	Jul 24, 2019	0.66	0.86	0.66	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 24, 2019	0.80	1.05	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 24, 2019	0.43	0.56	0.43	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 24, 2019	0.20	0.26	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 24, 2019	0.58	0.76	0.58	100.0%
18840831	533	421	MOORE	13132050	4	Jul 24, 2019	0.14	0.18	0.14	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 24, 2019	0.40	0.52	0.40	100.0%
18840831	2431	1799	EASTSIDE FIELD H	13132061	4	Jul 24, 2019	0.13	0.17	0.13	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 24, 2019	0.44	0.58	0.44	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 24, 2019	3.20	4.19	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 24, 2019	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 24, 2019	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Jul 24, 2019	0.80	0.80	0.80	100.0%
18841012	205	2067	BECK	13130525	4	Jul 24, 2019	1.76	2.30	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 24, 2019	0.89	1.16	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Jul 24, 2019	0.58	0.76	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 24, 2019	1.25	1.63	1.25	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 24, 2019	0.74	0.74	0.74	100.0%

18841012	317	1460	SWAUGER	13127600	5	Jul 24, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 24, 2019	0.81	0.81	0.81	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jul 24, 2019	1.20	1.20	1.20	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 24, 2019	3.30	3.30	3.30	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 24, 2019	2.78	2.78	2.78	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 24, 2019	0.43	0.43	0.43	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 24, 2019	0.63	0.63	0.63	100.0%
18850501	423	186	ARCO	13132365	2	Jul 24, 2019	0.26	0.71	0.26	100.0%
18850501	468	59	ARCO	13132365	2	Jul 24, 2019	0.74	2.03	0.74	100.0%
18850501	423	87	ARCO	13132365	2	Jul 24, 2019	0.20	0.55	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 24, 2019	1.80	2.35	1.80	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Jul 24, 2019	2.00	2.62	2.00	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 24, 2019	0.20	0.26	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 24, 2019	0.24	0.31	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 24, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 24, 2019	0.50	0.50	0.50	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 24, 2019	0.20	0.26	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 24, 2019	0.30	0.39	0.30	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 24, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 24, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 24, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 24, 2019	0.01	0.01	0.01	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 24, 2019	0.04	0.06	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 24, 2019	1.56	2.04	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 24, 2019	2.80	3.66	2.80	100.0%
18850601	205	2064	BECK	13130525	4	Jul 24, 2019	0.59	0.77	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Jul 24, 2019	0.50	0.65	0.50	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 24, 2019	1.16	1.52	1.16	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Jul 24, 2019	0.96	0.96	0.96	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 24, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Jul 24, 2019	1.16	1.16	1.16	100.0%
18850601	544	2205	SHARP	13126500	6	Jul 24, 2019	0.80	0.80	0.80	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jul 24, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 24, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 24, 2019	3.08	3.08	3.08	100.0%
18851002	437	62	ARCO	13132365	2	Jul 24, 2019	1.54	4.22	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jul 24, 2019	3.60	9.87	3.60	100.0%
18851002	318	545	MUNSEY	13132375	2	Jul 24, 2019	0.75	2.06	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Jul 24, 2019	0.80	2.19	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 24, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 24, 2019	1.60	2.09	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 24, 2019	2.80	3.66	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jul 24, 2019	1.20	1.57	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 24, 2019	2.56	3.35	2.56	100.0%
18860512	263	398	MOORE	13132050	4	Jul 24, 2019	0.18	0.24	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jul 24, 2019	0.48	0.63	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 24, 2019	0.18	0.24	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 24, 2019	0.01	0.01	0.01	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 24, 2019	0.01	0.01	0.01	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 24, 2019	0.09	0.12	0.09	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 24, 2019	2.40	3.14	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 24, 2019	0.20	0.26	0.20	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 24, 2019	1.10	1.44	1.10	100.0%
18860601	357	1288	BURNETT	13127750	5	Jul 24, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 24, 2019	0.50	0.50	0.50	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 24, 2019	1.32	1.32	1.32	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 24, 2019	1.92	1.92	1.92	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 24, 2019	0.80	0.80	0.80	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 24, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 24, 2019	0.34	0.34	0.34	100.0%
18860914	525	1472	BURNETT	13127750	5	Jul 24, 2019	1.66	1.66	1.66	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 24, 2019	1.26	1.26	1.26	100.0%
18870302	618	1510	MOORE	13132050	4	Jul 24, 2019	1.60	2.09	1.60	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 24, 2019	3.20	4.19	3.20	100.0%

18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 24, 2019	0.80	1.05	0.80	100.0%
18870313	433	683	MOORE	13132050	4	Jul 24, 2019	0.70	0.92	0.70	100.0%
18870313	459	338	MOORE	13132050	4	Jul 24, 2019	0.42	0.55	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jul 24, 2019	0.65	0.85	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Jul 24, 2019	1.05	1.05	1.05	100.0%
18870313	360	681	BURNETT	13127750	5	Jul 24, 2019	0.80	0.80	0.80	100.0%
18870313	73	2029	BURNETT	13127750	5	Jul 24, 2019	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 24, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 24, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 24, 2019	3.20	8.77	3.20	100.0%
18870601	468	893	ARCO	13132365	2	Jul 24, 2019	0.52	1.43	0.52	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 24, 2019	1.80	4.94	1.80	100.0%
18870601	423	76	ARCO	13132365	2	Jul 24, 2019	0.22	0.60	0.22	100.0%
18870601	19	892	MUNSEY	13132375	2	Jul 24, 2019	1.22	3.34	1.22	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 24, 2019	1.00	1.31	1.00	100.0%
18870601	73	2022	BURNETT	13127750	5	Jul 24, 2019	1.11	1.11	1.11	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 24, 2019	0.95	0.95	0.95	100.0%
18870601	73	2023	BURNETT	13127750	5	Jul 24, 2019	0.69	0.69	0.69	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 24, 2019	0.92	0.92	0.92	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 24, 2019	0.25	0.25	0.25	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 24, 2019	0.04	0.04	0.04	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 24, 2019	0.12	0.12	0.12	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 24, 2019	0.08	0.08	0.08	100.0%
18870601	483	1270	CHILLY	13121105	9	Jul 24, 2019	0.80	0.80	0.80	100.0%
18870630	236	1428	BECK	13130525	4	Jul 24, 2019	0.56	0.73	0.56	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 24, 2019	0.80	0.80	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	Jul 24, 2019	0.80	0.80	0.80	100.0%
18870701	423	102	ARCO	13132365	2	Jul 24, 2019	1.60	4.39	1.60	100.0%
18870701	423	656	ARCO	13132365	2	Jul 24, 2019	0.50	1.37	0.50	100.0%
18870801	73	2016	BURNETT	13127750	5	Jul 24, 2019	0.62	0.62	0.62	100.0%
18870801	119	1166	BURNETT	13127750	5	Jul 24, 2019	0.27	0.27	0.27	100.0%
18870801	73	2017	BURNETT	13127750	5	Jul 24, 2019	0.38	0.38	0.38	100.0%
18870831	119	1154	BURNETT	13127750	5	Jul 24, 2019	1.20	1.20	1.20	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 24, 2019	0.65	0.65	0.65	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 24, 2019	0.32	0.32	0.32	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 24, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 24, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jul 24, 2019	0.33	0.90	0.33	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Jul 24, 2019	0.72	0.94	0.72	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 24, 2019	0.65	0.65	0.65	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 24, 2019	0.98	0.98	0.98	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 24, 2019	0.95	0.95	0.95	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 24, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 24, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 24, 2019	0.40	1.10	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 24, 2019	0.97	0.97	0.97	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 24, 2019	0.48	0.48	0.48	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 24, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 24, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	KENT	13120605	9	Jul 24, 2019	0.33	0.33	0.33	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 24, 2019	0.31	0.31	0.31	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 24, 2019	1.23	1.23	1.23	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 24, 2019	1.33	1.33	1.33	100.0%
18890601	463	1396	MOORE	13132050	4	Jul 24, 2019	0.20	0.26	0.20	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 24, 2019	0.35	0.46	0.35	100.0%
18890601	441	205	MOORE	13132050	4	Jul 24, 2019	0.97	1.27	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 24, 2019	0.50	0.65	0.50	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 24, 2019	1.98	1.98	1.98	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 24, 2019	1.20	1.20	1.20	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 24, 2019	0.80	0.80	0.80	100.0%
18890601	589	716	BURNETT	13127750	5	Jul 24, 2019	2.70	2.70	2.70	100.0%
18890601	119	996	BURNETT	13127750	5	Jul 24, 2019	0.40	0.40	0.40	100.0%
18900601	372	886	ARCO	13132365	2	Jul 24, 2019	0.59	1.62	0.59	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 24, 2019	0.20	0.20	0.20	100.0%

18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 24, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 24, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 24, 2019	1.70	1.70	1.70	100.0%
18910630	205	2065	BECK	13130525	4	Jul 24, 2019	0.95	1.24	0.95	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 24, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 24, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 24, 2019	0.26	0.34	0.26	100.0%
18920101	2615	1643	MOORE	13132050	4	Jul 24, 2019	1.17	1.53	1.17	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 24, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 24, 2019	1.45	1.45	1.45	100.0%
18930201	463	1423	MOORE	13132050	4	Jul 24, 2019	0.30	0.39	0.30	100.0%
18930201	158	538	MOORE	13132050	4	Jul 24, 2019	0.03	0.04	0.03	100.0%
18930201	417	380	MOORE	13132050	4	Jul 24, 2019	0.22	0.29	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 24, 2019	0.30	0.39	0.30	100.0%
18930323	77	688	MOORE	13132050	4	Jul 24, 2019	1.50	1.96	1.50	100.0%
18930323	77	366	MOORE	13132050	4	Jul 24, 2019	1.60	2.09	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 24, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	Jul 24, 2019	0.01	0.01	0.01	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 24, 2019	0.19	0.19	0.19	100.0%
18931101	59	2223	KENT	13120605	9	Jul 24, 2019	0.16	0.16	0.16	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 24, 2019	0.77	0.77	0.77	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 24, 2019	0.63	0.63	0.63	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 24, 2019	0.04	0.04	0.04	100.0%
18940310	357	15	BURNETT	13127750	5	Jul 24, 2019	1.68	1.68	1.68	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 24, 2019	2.80	2.80	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 24, 2019	1.58	1.58	1.58	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 24, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 24, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 24, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jul 24, 2019	0.76	0.99	0.76	100.0%
18940531	77	800	MOORE	13132050	4	Jul 24, 2019	0.74	0.97	0.74	100.0%
18940531	5	776	MOORE	13132050	4	Jul 24, 2019	0.20	0.26	0.20	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 24, 2019	3.20	8.77	3.20	100.0%
18940601	158	536	MOORE	13132050	4	Jul 24, 2019	0.02	0.03	0.02	100.0%
18940601	417	379	MOORE	13132050	4	Jul 24, 2019	0.15	0.20	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 24, 2019	0.11	0.11	0.11	100.0%
18940601	139	713	BURNETT	13127750	5	Jul 24, 2019	0.36	0.36	0.36	100.0%
18940601	360	698	BURNETT	13127750	5	Jul 24, 2019	1.60	1.60	1.60	100.0%
18940601	284	229	SHARP	13126500	6	Jul 24, 2019	0.21	0.21	0.21	100.0%
18940601	2525	1904	SHARP	13126500	6	Jul 24, 2019	0.10	0.10	0.10	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 24, 2019	0.18	0.18	0.18	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 24, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 24, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 24, 2019	0.80	1.05	0.80	100.0%
18950601	158	534	MOORE	13132050	4	Jul 24, 2019	0.01	0.01	0.01	100.0%
18950601	242	212	MOORE	13132050	4	Jul 24, 2019	0.11	0.14	0.11	100.0%
18950601	417	378	MOORE	13132050	4	Jul 24, 2019	0.10	0.13	0.10	100.0%
18950601	621	1518	EASTSIDE FIELD H	13132061	4	Jul 24, 2019	0.20	0.26	0.20	100.0%
18950601	589	714	BURNETT	13127750	5	Jul 24, 2019	2.22	2.22	2.22	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 24, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 24, 2019	0.18	0.18	0.18	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 24, 2019	2.62	2.62	2.62	100.0%
18960302	309	873	MOORE	13132050	4	Jul 24, 2019	0.25	0.33	0.25	100.0%
18960302	402	872	MOORE	13132050	4	Jul 24, 2019	0.25	0.33	0.25	100.0%
18960327	29	839	MOORE	13132050	4	Jul 24, 2019	1.60	2.09	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 24, 2019	0.50	0.50	0.50	100.0%
18960601	533	424	MOORE	13132050	4	Jul 24, 2019	0.11	0.14	0.11	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 24, 2019	0.40	0.52	0.40	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 24, 2019	0.56	0.73	0.56	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 24, 2019	0.02	0.03	0.02	100.0%
18960601	441	207	MOORE	13132050	4	Jul 24, 2019	0.77	1.01	0.77	100.0%
18960601	459	1120	MOORE	13132050	4	Jul 24, 2019	0.40	0.52	0.40	100.0%
18960601	459	993	MOORE	13132050	4	Jul 24, 2019	0.40	0.52	0.40	100.0%
18960601	15	1106	MOORE	13132050	4	Jul 24, 2019	1.17	1.53	1.17	100.0%

18960601	2334	1495	MOORE	13132050	4	Jul 24, 2019	2.40	3.14	2.40	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 24, 2019	1.52	1.99	1.52	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 24, 2019	0.03	0.04	0.03	100.0%
18960601	263	397	MOORE	13132050	4	Jul 24, 2019	0.35	0.46	0.35	100.0%
18960601	96	457	MOORE	13132050	4	Jul 24, 2019	0.92	1.20	0.92	100.0%
18960601	402	876	MOORE	13132050	4	Jul 24, 2019	0.08	0.11	0.08	100.0%
18960601	309	877	MOORE	13132050	4	Jul 24, 2019	0.08	0.11	0.08	100.0%
18960601	158	540	MOORE	13132050	4	Jul 24, 2019	0.32	0.42	0.32	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 24, 2019	0.23	0.30	0.23	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 24, 2019	1.12	1.46	1.12	100.0%
18960601	263	399	MOORE	13132050	4	Jul 24, 2019	0.27	0.35	0.27	100.0%
18960601	96	461	MOORE	13132050	4	Jul 24, 2019	0.73	0.95	0.73	100.0%
18960601	406	65	MOORE	13132050	4	Jul 24, 2019	0.30	0.39	0.30	100.0%
18960601	306	1695	MOORE	13132050	4	Jul 24, 2019	0.44	0.58	0.44	100.0%
18960601	417	381	MOORE	13132050	4	Jul 24, 2019	2.40	3.14	2.40	100.0%
18960601	417	992	MOORE	13132050	4	Jul 24, 2019	1.20	1.57	1.20	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 24, 2019	0.04	0.05	0.04	100.0%
18960601	2431	1831	EASTSIDE FIELD H	13132061	4	Jul 24, 2019	0.85	1.11	0.85	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jul 24, 2019	0.74	0.97	0.74	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 24, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 24, 2019	2.00	5.48	2.00	100.0%
18960801	280	1186	SHARP	13126500	6	Jul 24, 2019	0.32	0.32	0.32	100.0%
18960801	544	2206	SHARP	13126500	6	Jul 24, 2019	0.42	0.42	0.42	100.0%
18960901	437	671	ARCO	13132365	2	Jul 24, 2019	0.13	0.36	0.13	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 24, 2019	4.40	12.06	4.40	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 24, 2019	0.40	1.10	0.40	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 24, 2019	1.97	5.40	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 24, 2019	0.03	0.08	0.03	100.0%
18970510	437	664	ARCO	13132365	2	Jul 24, 2019	1.14	3.13	1.14	100.0%
18970510	73	2019	BURNETT	13127750	5	Jul 24, 2019	0.50	0.50	0.50	100.0%
18970510	73	2018	BURNETT	13127750	5	Jul 24, 2019	0.92	0.92	0.92	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 24, 2019	2.00	2.00	2.00	100.0%
18970601	533	427	MOORE	13132050	4	Jul 24, 2019	0.01	0.01	0.01	100.0%
18970601	306	1696	MOORE	13132050	4	Jul 24, 2019	0.16	0.21	0.16	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 24, 2019	1.28	1.28	1.28	100.0%
18970615	306	1697	MOORE	13132050	4	Jul 24, 2019	0.16	0.21	0.16	100.0%
18970615	242	214	MOORE	13132050	4	Jul 24, 2019	0.22	0.29	0.22	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 24, 2019	0.65	0.85	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jul 24, 2019	1.60	1.60	1.60	100.0%
18980901	268	562	ARCO	13132365	2	Jul 24, 2019	1.57	4.30	1.57	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 24, 2019	0.21	0.27	0.21	100.0%
18990327	113	584	MOORE	13132050	4	Jul 24, 2019	0.03	0.04	0.03	100.0%
18990327	459	1477	MOORE	13132050	4	Jul 24, 2019	0.01	0.01	0.01	100.0%
18990327	14	2062	MOORE	13132050	4	Jul 24, 2019	0.01	0.01	0.01	100.0%
18990327	219	549	MOORE	13132050	4	Jul 24, 2019	0.29	0.38	0.29	100.0%
18990327	187	1874	MOORE	13132050	4	Jul 24, 2019	0.01	0.01	0.01	100.0%
18990327	187	1873	MOORE	13132050	4	Jul 24, 2019	0.07	0.09	0.07	100.0%
18990327	180	468	MOORE	13132050	4	Jul 24, 2019	0.05	0.07	0.05	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 24, 2019	0.60	0.78	0.60	100.0%
18990327	433	272	MOORE	13132050	4	Jul 24, 2019	0.09	0.12	0.09	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 24, 2019	0.39	0.51	0.39	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jul 24, 2019	2.80	7.68	2.80	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 24, 2019	0.03	0.04	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 24, 2019	0.37	0.48	0.37	100.0%
18990601	2612	2137	SWAUGER	13127600	5	Jul 24, 2019	0.60	0.60	0.60	100.0%
18990601	360	704	BURNETT	13127750	5	Jul 24, 2019	1.20	1.20	1.20	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 24, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 24, 2019	0.60	0.60	0.60	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jul 24, 2019	0.80	2.19	0.80	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 24, 2019	0.39	0.39	0.39	99.7%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 24, 2019	0.19	0.19	0.19	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 24, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 24, 2019	0.21	0.21	0.21	100.0%
19000323	77	44	MOORE	13132050	4	Jul 24, 2019	2.92	3.82	2.92	100.0%

19000924	318	543	MUNSEY	13132375	2	Jul 24, 2019	1.04	2.85	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 24, 2019	6.40	6.40	6.40	100.0%
19010722	665	1851	ARCO	13132365	2	Jul 24, 2019	0.15	0.40	0.15	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 24, 2019	3.00	3.00	3.00	100.0%
19010901	459	340	MOORE	13132050	4	Jul 24, 2019	0.23	0.30	0.23	100.0%
19010901	459	684	MOORE	13132050	4	Jul 24, 2019	0.35	0.46	0.35	100.0%
19011001	96	455	MOORE	13132050	4	Jul 24, 2019	0.16	0.21	0.16	100.0%
19011001	263	396	MOORE	13132050	4	Jul 24, 2019	0.04	0.05	0.04	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 24, 2019	0.01	0.01	0.01	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 24, 2019	0.30	0.30	0.30	100.0%
19020115	442	2143	MUNSEY	13132375	2	Jul 24, 2019	1.52	4.17	1.49	98.1%
19020301	307	308	NEILSEN	13120805	9	Jul 24, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 24, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 24, 2019	3.40	3.40	3.40	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 24, 2019	2.60	2.60	2.60	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 24, 2019	0.80	0.80	0.80	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 24, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 24, 2019	3.13	3.13	3.13	100.0%
19020401	1	978	6X Ranch 6	13124100	8	Jul 24, 2019	2.00	2.00	2.00	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 24, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jul 24, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 24, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 24, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 24, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jul 24, 2019	2.50	2.50	2.50	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 24, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 24, 2019	0.46	0.46	0.46	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 24, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 24, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 24, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 24, 2019	0.15	0.15	0.15	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 24, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 24, 2019	0.13	0.13	0.13	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 24, 2019	0.10	0.10	0.10	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 24, 2019	3.00	3.00	3.00	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 24, 2019	0.50	0.50	0.50	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 24, 2019	1.30	1.30	1.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 24, 2019	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 24, 2019	0.30	0.30	0.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 24, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 24, 2019	0.65	0.65	0.65	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 24, 2019	0.06	0.06	0.06	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 24, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 24, 2019	0.40	0.40	0.40	100.0%
19050501	310	115	CHILLY	13121105	9	Jul 24, 2019	0.20	0.20	0.20	100.0%
19050501	364	690	CHILLY	13121105	9	Jul 24, 2019	1.10	1.10	1.10	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 24, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 24, 2019	0.78	0.78	0.78	100.0%
19060620	364	691	CHILLY	13121105	9	Jul 24, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 24, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jul 24, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Jul 24, 2019	0.50	0.50	0.50	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 24, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 24, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 24, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 24, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Jul 24, 2019	0.70	0.70	0.70	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 24, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 24, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 24, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 24, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 24, 2019	1.58	1.58	1.58	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 24, 2019	1.30	1.30	1.30	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 24, 2019	1.32	1.32	1.32	100.0%

19140601	445	412	NEILSEN	13120805	9	Jul 24, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 24, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 24, 2019	0.80	0.80	0.80	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 24, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Jul 24, 2019	2.35	2.35	2.35	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 24, 2019	0.30	0.30	0.30	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 24, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 24, 2019	1.44	1.44	1.44	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 24, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jul 24, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 25, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 25	384.0	3.0	0.0	387.0	0.00	387.0	3.0	0.0	0.0	384.0	0.0	0.0
9	Howell to Chilly	Jul 25	173.0	99.5	0.0	-111.5	0.29	275.5	96.1	3.4	0.0	176.4	-3.4	0.0
8	Chilly to Reservoir	* Jul 25	363.3	57.2	0.0	247.5	0.00	523.0	56.5	0.7	0.0	367.4	-4.1	0.0
	Disconnected													
7	Mackay Reservoir	* Jul 25	572.5	0.0	0.0	363.3	0.00	363.3	14.5		0.0	348.8	223.7	0.0
6	Reservoir to 2B	Jul 25	562.0	10.5	0.0	0.0	0.00	363.3	9.8	0.7	0.0	338.9	223.1	0.0
5	2B to Leslie	Jul 25	433.0	114.0	0.0	-15.0	0.03	363.3	83.6	30.4	0.0	246.3	186.7	0.0
4	Leslie to Moore	Jul 25	129.3	209.0	0.0	-94.7	0.22	363.3	116.0	93.0	0.0	76.4	52.9	0.0
2	Moore to blw Munsey	Jul 25	10.0	82.5	36.7	-73.5	0.57	363.3	33.0	36.4	13.1	0.0	10.0	0.0
1	Blw Munsey to Arco	Jul 25	16.6	0.0	0.0	6.6	0.00	369.9	0.0	0.0	0.0	6.6	10.0	0.0
								TOTAL	412.5	164.6	13.1			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 25	0.0	0.0		19230316	100%
9	Howell to Chilly	Jul 25	0.0	0.0		19230316	100%
8	Chilly to Reservoir	Jul 25	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Jul 25	0.0	0.0		18980901	91%
6	Reservoir to 2B	Jul 25	0.0	0.0		18980901	91%
5	2B to Leslie	Jul 25	9.0	6.0		18980901	91%
4	Leslie to Moore	Jul 25	53.9	40.8		18980901	91%
2	Moore to blw Munsey	Jul 25	43.4	30.0		18980901	91%
1	Blw Munsey to Arco	Jul 25	0.0	0.0		18980901	91%
		TOTAL	106.3	76.8	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	545.9
2	18810630	1.7	294.0	290.0
3	18880601	3.2	556.5	545.9
4	18960601	6.4	1113.0	1091.7
5	19020301	0.8	140.0	130.1
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118506.8

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
41890.0	41440.0	-450.0	-226.9	17.6

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74655.8
Total Storage Loss	-40941.4
Total Storage Deliver	-19760.4
Total Evaporation	-1545.2
Accounting Balance	41278.8
Current Res Content	41440.0
Storage Balance Error	-161.2

DAILY STORAGE BALANCE

41890.0	Reservoir Content Previous Day [ac-ft]
41440.0	Reservoir Content Current Day [ac-ft]
-450.0	Physical Change in Storage [ac-ft]
28.8	Storage Allocated to Mackay Reservoir [ac-ft]
-172.2	Stored Flow Losses [ac-ft]
-6.0	2B to Leslie [cfs]
-40.8	Leslie to Moore [cfs]
-30.0	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-10.0	Past Arco Gage [cfs]
-315.5	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.7	Reservoir to 2B [cfs]
30.4	2B to Leslie [cfs]
93.0	Leslie to Moore [cfs]
35.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-35.0	Evaporation [ac-ft]
-493.9	Accounting Change in Storage [ac-ft]
-43.9	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

363.3	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
6.6	Gain in Reach 1: Munsey to Arco [cfs]
369.9	Total Available Natural Flow [cfs]
14.5	Reservoir Rights Diverted [cfs]
112.9	Natural Flow Losses below Reservoir [cfs]
9.0	2B to Leslie [cfs]
53.9	Leslie to Moore [cfs]
43.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
6.6	Natural Flow Past Arco Gage [cfs]
242.4	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
9.8	Reservoir to 2B [cfs]
83.6	2B to Leslie [cfs]
116.0	Leslie to Moore [cfs]
33.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
369.8	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	9.3	465
Eastside Felton Wier +	17.4	870
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	9.0	450
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.5	976
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.2	410
Total In	63.4	3171
Groundwater to Arco	8.2	410
Groundwater to Munsey	28.5	1426

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	2.8	140
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	15.2	760
Total Out	25.1	1257

Abbreviated Reach Delivery Factor 0.40
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 39.6%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 14.6 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 0.6 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 1.6 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 71.8%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 2.3 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 47.7 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 40.1%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 28.4%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 25, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	1.0	0.0	0.4	8	No Tellum 3	2.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	2.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	10.5	0.7	43.3
9	BITTON	4.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	2.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	28.0	7.3	513.5
9	Thalman Hunter D	1.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	0.0	0.0	843.8
9	NEILSEN	40.5	2.9	610.6	8	Smith Pumps	2.0	0.0	6.0	5	BURNETT	86.0	23.1	1801.0
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	49.0	0.5	3.6	8	Broken River Pum	2.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	16.0	9.3	926.4
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	3.0	3.0	537.5
8	Donahue 1	0.8	0.7	129.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	4.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	2.0	0.0	0.0	4	3IN1	6.0	3.4	104.6
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	305.5
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	7.0	0.0	0.0	8	Freeman Ditch	2.5	0.0	0.0	4	MOORE	134.3	40.4	3789.4
8	Mtn. Springs 1	2.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	47.7	35.1	8487.9
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	31.5	10.4	1317.1
8	Donahue 2	3.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	51.0	24.5	659.2
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	0.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	3.8	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	1.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	3.0	547.4	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.5	542.1
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.0	211.2	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.2	178.7	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 25, 2019	5.20	5.20	5.20	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 25, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 25, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 25, 2019	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 25, 2019	1.00	1.00	1.00	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 25, 2019	1.92	1.92	1.92	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 25, 2019	1.28	1.28	1.28	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 25, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jul 25, 2019	2.00	2.00	2.00	100.0%
18830601	221	855	MOORE	13132050	4	Jul 25, 2019	1.60	2.10	1.60	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 25, 2019	1.54	2.03	1.54	100.0%
18830601	224	854	MOORE	13132050	4	Jul 25, 2019	2.92	3.84	2.92	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 25, 2019	0.79	1.04	0.79	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 25, 2019	0.27	0.36	0.27	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 25, 2019	1.13	1.49	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 25, 2019	1.73	2.27	1.73	100.0%
18830810	263	393	MOORE	13132050	4	Jul 25, 2019	0.18	0.24	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 25, 2019	0.01	0.01	0.01	100.0%
18830810	96	449	MOORE	13132050	4	Jul 25, 2019	0.48	0.63	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 25, 2019	0.18	0.24	0.18	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 25, 2019	0.21	0.28	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 25, 2019	0.43	0.57	0.43	100.0%
18840422	236	30	BECK	13130525	4	Jul 25, 2019	1.64	2.16	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 25, 2019	0.14	0.18	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 25, 2019	1.65	1.69	1.65	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Jul 25, 2019	0.12	0.12	0.12	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Jul 25, 2019	1.62	1.66	1.62	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 25, 2019	0.07	0.07	0.07	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 25, 2019	1.12	1.15	1.12	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 25, 2019	1.92	1.97	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 25, 2019	2.00	2.05	2.00	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 25, 2019	0.21	0.22	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 25, 2019	0.79	0.81	0.79	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 25, 2019	0.50	0.51	0.50	100.0%
18840422	24	120	SHARP	13126500	6	Jul 25, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Jul 25, 2019	0.13	0.13	0.13	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 25, 2019	0.64	0.64	0.64	100.0%
18840422	347	938	SHARP	13126500	6	Jul 25, 2019	2.35	2.35	2.35	100.0%
18840422	397	10	SHARP	13126500	6	Jul 25, 2019	0.12	0.12	0.12	100.0%
18840422	544	2189	SHARP	13126500	6	Jul 25, 2019	1.00	1.00	1.00	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 25, 2019	0.12	0.12	0.12	100.0%
18840423	280	1860	SHARP	13126500	6	Jul 25, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jul 25, 2019	1.12	1.47	1.12	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 25, 2019	1.23	1.26	1.23	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 25, 2019	0.80	0.82	0.80	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 25, 2019	0.40	0.41	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 25, 2019	0.77	0.79	0.77	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 25, 2019	1.60	1.64	1.60	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 25, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 25, 2019	0.22	0.22	0.22	100.0%
18840520	96	451	MOORE	13132050	4	Jul 25, 2019	0.58	0.76	0.58	100.0%
18840520	427	1	MOORE	13132050	4	Jul 25, 2019	1.16	1.53	1.16	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 25, 2019	0.02	0.03	0.02	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 25, 2019	0.22	0.29	0.22	100.0%
18840520	433	271	MOORE	13132050	4	Jul 25, 2019	0.54	0.71	0.54	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 25, 2019	0.90	1.18	0.90	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 25, 2019	0.01	0.01	0.01	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 25, 2019	0.18	0.24	0.18	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 25, 2019	0.04	0.05	0.04	100.0%

18840520	180	470	MOORE	13132050	4	Jul 25, 2019	0.16	0.21	0.16	100.0%
18840520	219	547	MOORE	13132050	4	Jul 25, 2019	1.15	1.51	1.15	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 25, 2019	1.60	2.10	1.60	100.0%
18840520	14	2002	MOORE	13132050	4	Jul 25, 2019	0.02	0.03	0.02	100.0%
18840520	14	2061	MOORE	13132050	4	Jul 25, 2019	0.04	0.05	0.04	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 25, 2019	0.70	0.92	0.70	100.0%
18840520	242	210	MOORE	13132050	4	Jul 25, 2019	0.21	0.28	0.21	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 25, 2019	0.01	0.01	0.01	100.0%
18840520	463	1300	MOORE	13132050	4	Jul 25, 2019	1.60	2.10	1.60	100.0%
18840520	263	394	MOORE	13132050	4	Jul 25, 2019	0.22	0.29	0.22	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 25, 2019	2.14	2.81	2.14	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 25, 2019	2.24	2.95	2.24	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 25, 2019	0.78	1.03	0.78	100.0%
18840520	604	2054	MOORE	13132050	4	Jul 25, 2019	1.15	1.51	1.15	100.0%
18840520	113	585	MOORE	13132050	4	Jul 25, 2019	0.11	0.14	0.11	100.0%
18840520	340	816	MOORE	13132050	4	Jul 25, 2019	0.36	0.48	0.36	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 25, 2019	0.38	0.50	0.38	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 25, 2019	0.48	0.49	0.48	100.0%
18840601	263	395	MOORE	13132050	4	Jul 25, 2019	0.08	0.11	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 25, 2019	0.98	1.29	0.98	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 25, 2019	0.54	0.71	0.54	100.0%
18840601	96	453	MOORE	13132050	4	Jul 25, 2019	0.21	0.28	0.21	100.0%
18840601	15	131	MOORE	13132050	4	Jul 25, 2019	0.37	0.48	0.37	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 25, 2019	1.52	2.00	1.52	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 25, 2019	0.01	0.01	0.01	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 25, 2019	0.09	0.12	0.09	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 25, 2019	0.08	0.11	0.08	100.0%
18840601	360	693	BURNETT	13127750	5	Jul 25, 2019	0.80	0.82	0.80	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 25, 2019	0.36	0.37	0.36	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 25, 2019	0.73	0.75	0.73	100.0%
18840601	73	2026	BURNETT	13127750	5	Jul 25, 2019	0.37	0.38	0.37	100.0%
18840601	73	2027	BURNETT	13127750	5	Jul 25, 2019	0.23	0.24	0.23	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 25, 2019	0.80	0.82	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 25, 2019	0.96	0.96	0.96	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 25, 2019	0.64	0.64	0.64	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 25, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 25, 2019	0.80	0.80	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 25, 2019	0.80	1.05	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 25, 2019	1.20	1.58	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 25, 2019	0.80	1.05	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 25, 2019	0.76	1.00	0.76	100.0%
18840715	459	798	MOORE	13132050	4	Jul 25, 2019	0.80	1.05	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 25, 2019	1.20	1.58	1.20	100.0%
18840715	15	799	MOORE	13132050	4	Jul 25, 2019	0.80	1.05	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 25, 2019	0.51	0.67	0.51	100.0%
18840731	44	1132	MOORE	13132050	4	Jul 25, 2019	0.78	1.03	0.78	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 25, 2019	0.80	1.05	0.80	100.0%
18840831	533	421	MOORE	13132050	4	Jul 25, 2019	0.14	0.18	0.14	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 25, 2019	0.44	0.58	0.44	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 25, 2019	0.40	0.53	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 25, 2019	3.20	4.21	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 25, 2019	1.74	1.74	1.74	100.0%
18840914	360	68	BURNETT	13127750	5	Jul 25, 2019	0.80	0.82	0.80	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 25, 2019	0.40	0.41	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jul 25, 2019	1.76	2.31	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 25, 2019	0.89	1.17	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 25, 2019	1.25	1.64	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Jul 25, 2019	0.58	0.76	0.58	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 25, 2019	3.30	3.39	3.30	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 25, 2019	0.44	0.45	0.44	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 25, 2019	2.78	2.86	2.78	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 25, 2019	2.77	2.85	2.77	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jul 25, 2019	1.20	1.23	1.20	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 25, 2019	0.74	0.76	0.74	100.0%

18841012	317	1485	SWAUGER	13127600	5	Jul 25, 2019	0.81	0.83	0.81	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 25, 2019	0.62	0.62	0.62	100.0%
18850501	423	87	ARCO	13132365	2	Jul 25, 2019	0.20	0.61	0.20	100.0%
18850501	423	186	ARCO	13132365	2	Jul 25, 2019	0.26	0.79	0.26	100.0%
18850501	468	59	ARCO	13132365	2	Jul 25, 2019	0.74	2.26	0.74	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 25, 2019	1.80	2.37	1.80	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 25, 2019	0.20	0.26	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 25, 2019	0.24	0.32	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 25, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 25, 2019	0.50	0.50	0.50	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 25, 2019	0.20	0.26	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 25, 2019	0.30	0.39	0.30	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 25, 2019	0.19	0.20	0.19	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 25, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 25, 2019	0.11	0.11	0.11	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 25, 2019	1.37	1.41	1.37	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 25, 2019	1.56	2.05	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 25, 2019	0.04	0.06	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 25, 2019	2.80	3.68	2.80	100.0%
18850601	205	2064	BECK	13130525	4	Jul 25, 2019	0.59	0.78	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Jul 25, 2019	0.50	0.66	0.50	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 25, 2019	1.20	1.58	1.20	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Jul 25, 2019	0.82	0.84	0.82	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 25, 2019	1.54	1.58	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jul 25, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Jul 25, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jul 25, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 25, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 25, 2019	3.08	3.16	3.08	100.0%
18851002	437	62	ARCO	13132365	2	Jul 25, 2019	1.54	4.69	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jul 25, 2019	3.60	10.97	3.60	100.0%
18851002	318	817	MUNSEY	13132375	2	Jul 25, 2019	0.80	2.44	0.80	100.0%
18851002	318	545	MUNSEY	13132375	2	Jul 25, 2019	0.75	2.29	0.75	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 25, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 25, 2019	1.60	2.10	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jul 25, 2019	1.20	1.58	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 25, 2019	2.80	3.68	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 25, 2019	2.56	3.37	2.56	100.0%
18860512	263	398	MOORE	13132050	4	Jul 25, 2019	0.18	0.24	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jul 25, 2019	0.48	0.63	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 25, 2019	0.18	0.24	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 25, 2019	0.01	0.01	0.01	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 25, 2019	0.01	0.01	0.01	100.0%
18860601	16	1009	MOORE	13132050	4	Jul 25, 2019	2.08	2.74	2.08	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 25, 2019	2.40	3.16	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 25, 2019	0.20	0.26	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 25, 2019	0.09	0.12	0.09	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 25, 2019	1.10	1.45	1.10	100.0%
18860601	357	1288	BURNETT	13127750	5	Jul 25, 2019	1.60	1.64	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 25, 2019	0.50	0.50	0.50	100.0%
18860630	604	1710	MOORE	13132050	4	Jul 25, 2019	0.04	0.05	0.04	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 25, 2019	0.80	0.82	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 25, 2019	2.32	2.38	2.32	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 25, 2019	1.46	1.50	1.46	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 25, 2019	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	Jul 25, 2019	2.31	2.37	2.31	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 25, 2019	0.34	0.35	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 25, 2019	1.26	1.29	1.26	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 25, 2019	2.22	2.92	2.22	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 25, 2019	0.80	1.05	0.80	100.0%
18870313	433	683	MOORE	13132050	4	Jul 25, 2019	0.70	0.92	0.70	100.0%
18870313	459	338	MOORE	13132050	4	Jul 25, 2019	0.42	0.55	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jul 25, 2019	0.65	0.85	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Jul 25, 2019	1.05	1.08	1.05	100.0%

18870313	360	681	BURNETT	13127750	5	Jul 25, 2019	0.80	0.82	0.80	100.0%
18870313	73	2029	BURNETT	13127750	5	Jul 25, 2019	0.65	0.67	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 25, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 25, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 25, 2019	3.20	9.75	3.20	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 25, 2019	1.80	5.49	1.80	100.0%
18870601	468	893	ARCO	13132365	2	Jul 25, 2019	0.52	1.58	0.52	100.0%
18870601	423	76	ARCO	13132365	2	Jul 25, 2019	0.22	0.67	0.22	100.0%
18870601	19	892	MUNSEY	13132375	2	Jul 25, 2019	1.22	3.72	1.22	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 25, 2019	1.00	1.32	1.00	100.0%
18870601	73	2022	BURNETT	13127750	5	Jul 25, 2019	1.11	1.14	1.11	100.0%
18870601	73	2023	BURNETT	13127750	5	Jul 25, 2019	0.69	0.71	0.69	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 25, 2019	0.92	0.95	0.92	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 25, 2019	0.25	0.26	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 25, 2019	0.95	0.98	0.95	100.0%
18870601	525	1471	BURNETT	13127750	5	Jul 25, 2019	0.25	0.26	0.25	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 25, 2019	0.04	0.04	0.04	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 25, 2019	0.12	0.12	0.12	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 25, 2019	0.08	0.08	0.08	100.0%
18870601	483	1270	CHILLY	13121105	9	Jul 25, 2019	0.80	0.80	0.80	100.0%
18870630	236	1428	BECK	13130525	4	Jul 25, 2019	0.60	0.79	0.60	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 25, 2019	0.80	0.82	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	Jul 25, 2019	0.80	0.82	0.80	100.0%
18870701	423	656	ARCO	13132365	2	Jul 25, 2019	0.50	1.52	0.50	100.0%
18870701	423	102	ARCO	13132365	2	Jul 25, 2019	1.60	4.88	1.60	100.0%
18870801	119	1166	BURNETT	13127750	5	Jul 25, 2019	0.27	0.27	0.27	100.0%
18870801	73	2017	BURNETT	13127750	5	Jul 25, 2019	0.38	0.39	0.38	100.0%
18870801	73	2016	BURNETT	13127750	5	Jul 25, 2019	0.62	0.64	0.62	100.0%
18870831	119	1154	BURNETT	13127750	5	Jul 25, 2019	1.20	1.23	1.20	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 25, 2019	0.65	0.65	0.65	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 25, 2019	0.32	0.32	0.32	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 25, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 25, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jul 25, 2019	0.33	1.01	0.33	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 25, 2019	0.66	0.68	0.66	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 25, 2019	0.98	1.01	0.98	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 25, 2019	0.94	0.94	0.94	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 25, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 25, 2019	1.60	1.60	1.60	100.0%
18880630	490	1750	BURNETT	13127750	5	Jul 25, 2019	0.06	0.06	0.06	100.0%
18880630	490	1826	BURNETT	13127750	5	Jul 25, 2019	0.24	0.25	0.24	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 25, 2019	0.40	1.22	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 25, 2019	0.97	0.97	0.97	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 25, 2019	0.48	0.48	0.48	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 25, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 25, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 25, 2019	0.31	0.31	0.31	100.0%
18881101	59	2222	KENT	13120605	9	Jul 25, 2019	0.33	0.33	0.33	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 25, 2019	1.33	1.33	1.33	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 25, 2019	1.23	1.23	1.23	100.0%
18890601	463	1396	MOORE	13132050	4	Jul 25, 2019	0.20	0.26	0.20	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 25, 2019	0.35	0.46	0.35	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 25, 2019	0.50	0.66	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jul 25, 2019	0.97	1.28	0.97	100.0%
18890601	490	1748	BURNETT	13127750	5	Jul 25, 2019	0.20	0.21	0.20	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 25, 2019	0.80	0.82	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 25, 2019	1.20	1.23	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 25, 2019	2.00	2.05	2.00	100.0%
18890601	119	996	BURNETT	13127750	5	Jul 25, 2019	0.40	0.41	0.40	100.0%
18900601	372	886	ARCO	13132365	2	Jul 25, 2019	0.59	1.80	0.59	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 25, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 25, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 25, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 25, 2019	1.70	1.70	1.70	100.0%

18910630	205	2065	BECK	13130525	4	Jul 25, 2019	1.03	1.35	1.03	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 25, 2019	0.12	0.16	0.12	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 25, 2019	0.80	0.82	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 25, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 25, 2019	0.28	0.37	0.28	100.0%
18920101	2615	1643	MOORE	13132050	4	Jul 25, 2019	1.17	1.54	1.17	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 25, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 25, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 25, 2019	0.30	0.39	0.30	100.0%
18930201	463	1423	MOORE	13132050	4	Jul 25, 2019	0.30	0.39	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jul 25, 2019	0.22	0.29	0.22	100.0%
18930201	158	538	MOORE	13132050	4	Jul 25, 2019	0.03	0.04	0.03	100.0%
18930201	182	539	MOORE	13132050	4	Jul 25, 2019	0.05	0.07	0.05	100.0%
18930323	77	366	MOORE	13132050	4	Jul 25, 2019	1.60	2.10	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jul 25, 2019	1.50	1.97	1.50	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 25, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	KENT	13120605	9	Jul 25, 2019	0.16	0.16	0.16	100.0%
18931101	59	1279	KENT	13120605	9	Jul 25, 2019	0.01	0.01	0.01	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 25, 2019	0.19	0.19	0.19	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 25, 2019	0.63	0.63	0.63	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 25, 2019	0.04	0.04	0.04	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 25, 2019	0.77	0.77	0.77	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 25, 2019	2.80	2.88	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 25, 2019	1.74	1.79	1.74	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 25, 2019	0.44	0.45	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	Jul 25, 2019	2.04	2.10	2.04	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 25, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 25, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jul 25, 2019	0.80	1.05	0.80	100.0%
18940531	5	776	MOORE	13132050	4	Jul 25, 2019	0.20	0.26	0.20	100.0%
18940531	77	800	MOORE	13132050	4	Jul 25, 2019	0.74	0.97	0.74	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 25, 2019	3.20	9.75	3.20	100.0%
18940601	182	537	MOORE	13132050	4	Jul 25, 2019	0.03	0.04	0.03	100.0%
18940601	158	536	MOORE	13132050	4	Jul 25, 2019	0.02	0.03	0.02	100.0%
18940601	108	922	MOORE	13132050	4	Jul 25, 2019	0.60	0.79	0.60	100.0%
18940601	417	379	MOORE	13132050	4	Jul 25, 2019	0.15	0.20	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 25, 2019	0.11	0.11	0.11	100.0%
18940601	139	713	BURNETT	13127750	5	Jul 25, 2019	0.68	0.70	0.68	100.0%
18940601	360	698	BURNETT	13127750	5	Jul 25, 2019	1.60	1.64	1.60	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 25, 2019	0.14	0.14	0.14	100.0%
18940601	284	229	SHARP	13126500	6	Jul 25, 2019	0.13	0.13	0.13	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 25, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 25, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 25, 2019	0.80	1.05	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Jul 25, 2019	0.10	0.13	0.10	100.0%
18950601	182	535	MOORE	13132050	4	Jul 25, 2019	0.03	0.04	0.03	100.0%
18950601	158	534	MOORE	13132050	4	Jul 25, 2019	0.01	0.01	0.01	100.0%
18950601	242	212	MOORE	13132050	4	Jul 25, 2019	0.11	0.14	0.11	100.0%
18950601	621	1518	EASTSIDE FIELD H	13132061	4	Jul 25, 2019	0.20	0.26	0.20	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 25, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 25, 2019	0.02	0.02	0.02	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 25, 2019	2.62	2.69	2.62	100.0%
18960302	402	872	MOORE	13132050	4	Jul 25, 2019	0.25	0.33	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jul 25, 2019	0.25	0.33	0.25	100.0%
18960327	29	839	MOORE	13132050	4	Jul 25, 2019	1.60	2.10	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 25, 2019	0.50	0.50	0.50	100.0%
18960601	459	993	MOORE	13132050	4	Jul 25, 2019	0.01	0.01	0.01	100.0%
18960601	402	876	MOORE	13132050	4	Jul 25, 2019	0.08	0.11	0.08	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 25, 2019	0.60	0.79	0.60	100.0%
18960601	463	128	MOORE	13132050	4	Jul 25, 2019	0.96	1.26	0.96	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 25, 2019	0.03	0.04	0.03	100.0%
18960601	406	65	MOORE	13132050	4	Jul 25, 2019	0.30	0.39	0.30	100.0%
18960601	417	992	MOORE	13132050	4	Jul 25, 2019	1.20	1.58	1.20	100.0%
18960601	604	1711	MOORE	13132050	4	Jul 25, 2019	0.09	0.12	0.09	100.0%

18960601	441	207	MOORE	13132050	4	Jul 25, 2019	1.00	1.32	1.00	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 25, 2019	0.02	0.03	0.02	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 25, 2019	2.40	3.16	2.40	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 25, 2019	1.57	2.06	1.57	100.0%
18960601	417	381	MOORE	13132050	4	Jul 25, 2019	2.40	3.16	2.40	100.0%
18960601	533	424	MOORE	13132050	4	Jul 25, 2019	0.11	0.14	0.11	100.0%
18960601	182	541	MOORE	13132050	4	Jul 25, 2019	0.57	0.75	0.57	100.0%
18960601	96	461	MOORE	13132050	4	Jul 25, 2019	0.73	0.96	0.73	100.0%
18960601	96	457	MOORE	13132050	4	Jul 25, 2019	0.92	1.21	0.92	100.0%
18960601	158	540	MOORE	13132050	4	Jul 25, 2019	0.32	0.42	0.32	100.0%
18960601	263	397	MOORE	13132050	4	Jul 25, 2019	0.35	0.46	0.35	100.0%
18960601	263	399	MOORE	13132050	4	Jul 25, 2019	0.27	0.36	0.27	100.0%
18960601	15	1106	MOORE	13132050	4	Jul 25, 2019	1.17	1.54	1.17	100.0%
18960601	309	877	MOORE	13132050	4	Jul 25, 2019	0.08	0.11	0.08	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 25, 2019	1.26	1.66	1.26	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 25, 2019	0.40	0.53	0.40	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 25, 2019	0.23	0.30	0.23	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 25, 2019	0.04	0.05	0.04	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jul 25, 2019	0.74	0.97	0.74	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 25, 2019	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 25, 2019	2.00	6.09	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jul 25, 2019	0.60	0.60	0.60	100.0%
18960801	280	1186	SHARP	13126500	6	Jul 25, 2019	0.48	0.48	0.48	100.0%
18960901	437	671	ARCO	13132365	2	Jul 25, 2019	0.13	0.40	0.13	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 25, 2019	1.97	6.00	1.97	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 25, 2019	4.40	13.41	4.40	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 25, 2019	0.40	1.22	0.40	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 25, 2019	0.03	0.09	0.03	100.0%
18970510	437	664	ARCO	13132365	2	Jul 25, 2019	1.14	3.47	1.14	100.0%
18970510	73	2018	BURNETT	13127750	5	Jul 25, 2019	0.92	0.95	0.92	100.0%
18970510	73	2019	BURNETT	13127750	5	Jul 25, 2019	0.58	0.60	0.58	100.0%
18970515	604	1877	MOORE	13132050	4	Jul 25, 2019	0.10	0.13	0.10	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 25, 2019	2.00	2.00	2.00	100.0%
18970601	533	427	MOORE	13132050	4	Jul 25, 2019	0.03	0.04	0.03	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 25, 2019	1.06	1.09	1.06	100.0%
18970615	242	214	MOORE	13132050	4	Jul 25, 2019	0.22	0.29	0.22	100.0%
18980601	638	1406	UPPER EASTSIDE &	13132101	4	Jul 25, 2019	0.65	0.85	0.65	100.0%
18980601	322	814	BURNETT	13127750	5	Jul 25, 2019	1.60	1.64	1.60	100.0%
18980601	336	984	BURNETT	13127750	5	Jul 25, 2019	0.34	0.35	0.34	100.0%
18980901	268	562	ARCO	13132365	2	Jul 25, 2019	1.57	4.78	1.43	91.1%
18990601	307	72	NEILSEN	13120805	9	Jul 25, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 25, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 25, 2019	0.39	0.39	0.39	99.7%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 25, 2019	0.19	0.19	0.19	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 25, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 25, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 25, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 25, 2019	3.00	3.00	3.00	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 25, 2019	0.30	0.30	0.30	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 25, 2019	0.90	0.90	0.90	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 25, 2019	3.40	3.40	3.40	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 25, 2019	2.60	2.60	2.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 25, 2019	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 25, 2019	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 25, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 25, 2019	3.13	3.13	3.13	100.0%
19020401	1	978	6X Ranch 6	13124100	8	Jul 25, 2019	2.00	2.00	2.00	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 25, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jul 25, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 25, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 25, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 25, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jul 25, 2019	2.50	2.50	2.50	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 25, 2019	0.24	0.24	0.24	100.0%

19020601	2329	1739	NEILSEN	13120805	9	Jul 25, 2019	0.46	0.46	0.46	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 25, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 25, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 25, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 25, 2019	0.15	0.15	0.15	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 25, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 25, 2019	0.13	0.13	0.13	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 25, 2019	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 25, 2019	1.30	1.30	1.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 25, 2019	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 25, 2019	0.30	0.30	0.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 25, 2019	0.10	0.10	0.10	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 25, 2019	0.40	0.40	0.40	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 25, 2019	0.65	0.65	0.65	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 25, 2019	0.50	0.50	0.50	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 25, 2019	0.06	0.06	0.06	100.0%
19050501	310	115	CHILLY	13121105	9	Jul 25, 2019	0.20	0.20	0.20	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 25, 2019	0.58	0.58	0.58	100.0%
19050501	364	690	CHILLY	13121105	9	Jul 25, 2019	1.10	1.10	1.10	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 25, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 25, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 25, 2019	0.78	0.78	0.78	100.0%
19060620	364	691	CHILLY	13121105	9	Jul 25, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 25, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jul 25, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Jul 25, 2019	0.50	0.50	0.50	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 25, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 25, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 25, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 25, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Jul 25, 2019	0.70	0.70	0.70	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 25, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 25, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 25, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 25, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 25, 2019	1.30	1.30	1.30	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 25, 2019	1.58	1.58	1.58	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 25, 2019	1.32	1.32	1.32	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 25, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 25, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 25, 2019	0.02	0.02	0.02	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 25, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Jul 25, 2019	2.35	2.35	2.35	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 25, 2019	0.30	0.30	0.30	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 25, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 25, 2019	1.44	1.44	1.44	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 25, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jul 25, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 26, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 26	349.0	3.0	0.0	352.0	0.00	352.0	3.0	0.0	0.0	349.0	0.0	0.0
9	Howell to Chilly	Jul 26	148.0	99.5	0.0	-101.5	0.29	250.5	96.1	3.4	0.0	151.4	-3.4	0.0
8	Chilly to Reservoir	* Jul 26	341.3	57.2	0.0	250.5	0.00	501.0	56.5	0.7	0.0	345.4	-4.1	0.0
	Disconnected													
7	Mackay Reservoir	* Jul 26	558.8	0.0	0.0	341.3	0.00	360.4	14.5		0.0	326.8	232.0	0.0
6	Reservoir to 2B	Jul 26	550.0	8.8	0.0	0.0	0.00	341.3	8.7	0.1	0.0	318.1	231.9	0.0
5	2B to Leslie	Jul 26	417.0	152.1	0.0	19.1	0.00	360.4	107.3	44.8	0.0	229.9	187.1	0.0
4	Leslie to Moore	Jul 26	130.2	198.6	0.0	-88.2	0.21	360.4	122.7	75.9	0.0	58.6	71.6	0.0
2	Moore to blw Munsey	Jul 26	6.0	81.0	27.6	-70.8	0.54	360.4	26.7	40.3	13.9	0.0	6.0	0.0
1	Blw Munsey to Arco	Jul 26	5.7	0.0	0.0	-0.3	0.05	360.4	0.0	0.0	0.0	0.0	5.7	0.0
								TOTAL	435.5	165.2	13.9			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 26	0.0	0.0		19230316	100%
9	Howell to Chilly	Jul 26	0.0	0.0		19230316	100%
8	Chilly to Reservoir	Jul 26	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Jul 26	0.0	0.0		18960928	17%
6	Reservoir to 2B	Jul 26	0.0	0.0		18960928	17%
5	2B to Leslie	Jul 26	0.0	0.0		18960928	17%
4	Leslie to Moore	Jul 26	48.6	39.6		18960928	17%
2	Moore to blw Munsey	Jul 26	31.9	38.9		18960928	17%
1	Blw Munsey to Arco	Jul 26	0.0	0.3		18960928	17%
	TOTAL		80.5	78.8	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	552.2
2	18810630	1.7	294.0	293.4
3	18880601	3.2	556.5	552.2
4	18960601	6.4	1113.0	1104.4
5	19020301	0.8	140.0	130.1
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118535.6

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
41440.0	40990.0	-450.0	-226.9	9.4

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74684.6
Total Storage Loss	-41109.0
Total Storage Deliver	-20080.0
Total Evaporation	-1563.8
Accounting Balance	40801.8
Current Res Content	40990.0
Storage Balance Error	-188.2

DAILY STORAGE BALANCE

41440.0	Reservoir Content Previous Day [ac-ft]
40990.0	Reservoir Content Current Day [ac-ft]
-450.0	Physical Change in Storage [ac-ft]
28.8	Storage Allocated to Mackay Reservoir [ac-ft]
-167.6	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-39.6	Leslie to Moore [cfs]
-38.9	Moore blw Munsey [cfs]
-0.3	blw Munsey to Arco Gage [cfs]
-5.7	Past Arco Gage [cfs]
-323.3	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
44.8	2B to Leslie [cfs]
75.9	Leslie to Moore [cfs]
42.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-18.6	Evaporation [ac-ft]
-480.7	Accounting Change in Storage [ac-ft]
-30.7	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

341.3	Gain in/above Mackay Reservoir [cfs]
19.1	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
360.4	Total Available Natural Flow [cfs]
14.5	Reservoir Rights Diverted [cfs]
80.5	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
48.6	Leslie to Moore [cfs]
31.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
265.4	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
8.7	Reservoir to 2B [cfs]
107.3	2B to Leslie [cfs]
122.7	Leslie to Moore [cfs]
26.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
360.4	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.7	435
Eastside Felton Wier +	16.6	830
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	9.0	450
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	10.0	500
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.6	430
Total In	52.9	2645
Groundwater to Arco	8.6	430
Groundwater to Munsey	19.0	950

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.7	35
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	1.3	64
Eastside R Reynolds Delivery +	1.3	64
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	1.3	64
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	16.6	830
Total Out	23.1	1155

Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.44

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)		
	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 43.7%
Step 2 - Groundwater at Eastside Out		
	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 12.1 cfs
Step 3 - River at Eastside Out		
	Eastside Out - Groundwater at Eastside Out	= 4.5 cfs
Step 4 - River at Weirs		
	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 10.4 cfs
Step 5 - Upper Reach Delivery Factor		
	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 78.8%
Step 6 - River at Eastside In		
	River at Weirs --- Upper Reach Delivery Factor	= 13.2 cfs
Step 7 - Canal at Eastside In		
	Eastside In - River at Eastside In	= 38.8 cfs
Step 8 - Canal Delivery Factor		
	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 57.2%
Step 9 - Eastside River Delivery Factor		
	River at Eastside Out --- River at Eastside In	= 34.4%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 26, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	1.0	0.0	0.4	8	No Tellum 3	2.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	2.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	8.8	0.1	43.5
9	BITTON	4.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	2.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	27.0	7.4	528.2
9	Thalman Hunter D	1.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	42.0	11.3	866.3
9	NEILSEN	40.5	2.9	616.4	8	Smith Pumps	2.0	0.0	6.0	5	BURNETT	83.1	26.1	1852.7
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	49.0	0.5	4.6	8	Broken River Pum	2.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	15.2	7.8	941.9
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	3.0	3.0	543.5
8	Donahue 1	0.8	0.7	130.8	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	4.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	2.0	0.0	0.0	4	3IN1	6.0	3.4	111.3
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	309.4
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	7.0	0.0	0.0	8	Freeman Ditch	2.5	0.0	0.0	4	MOORE	133.6	40.1	3868.9
8	Mtn. Springs 1	2.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	38.8	21.6	8530.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	30.0	9.8	1336.6
8	Donahue 2	3.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	51.0	32.4	723.5
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	0.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	3.8	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	1.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	3.0	553.4	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	10.0	581.7
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.0	246.9	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.6	212.8	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 26, 2019	5.20	5.20	5.20	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 26, 2019	3.20	3.20	3.20	100.0%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 26, 2019	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 26, 2019	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 26, 2019	1.00	1.00	1.00	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 26, 2019	1.92	1.92	1.92	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 26, 2019	1.28	1.28	1.28	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 26, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jul 26, 2019	2.00	2.00	2.00	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 26, 2019	0.27	0.35	0.27	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 26, 2019	1.54	1.95	1.54	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 26, 2019	0.79	1.00	0.79	100.0%
18830601	221	855	MOORE	13132050	4	Jul 26, 2019	1.60	2.03	1.60	100.0%
18830601	224	854	MOORE	13132050	4	Jul 26, 2019	2.92	3.70	2.92	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 26, 2019	1.73	2.19	1.73	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 26, 2019	1.13	1.43	1.13	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 26, 2019	0.01	0.01	0.01	100.0%
18830810	263	393	MOORE	13132050	4	Jul 26, 2019	0.18	0.23	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jul 26, 2019	0.48	0.61	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 26, 2019	0.18	0.23	0.18	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	0.21	0.27	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	0.43	0.55	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	0.21	0.27	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 26, 2019	1.64	2.08	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 26, 2019	0.14	0.18	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 26, 2019	1.71	1.71	1.71	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 26, 2019	1.12	1.12	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 26, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Jul 26, 2019	0.12	0.12	0.12	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Jul 26, 2019	1.62	1.62	1.62	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 26, 2019	1.44	1.44	1.44	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 26, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 26, 2019	0.55	0.55	0.55	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 26, 2019	0.20	0.20	0.20	100.0%
18840422	492	1291	DARLINGTON	13127735	5	Jul 26, 2019	0.14	0.14	0.14	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 26, 2019	0.96	0.96	0.96	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 26, 2019	1.46	1.46	1.46	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 26, 2019	1.92	1.92	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 26, 2019	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 26, 2019	2.00	2.00	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 26, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 26, 2019	0.21	0.21	0.21	100.0%
18840422	24	120	SHARP	13126500	6	Jul 26, 2019	0.06	0.06	0.06	100.0%
18840422	347	938	SHARP	13126500	6	Jul 26, 2019	2.29	2.29	2.29	100.0%
18840422	544	2189	SHARP	13126500	6	Jul 26, 2019	1.00	1.00	1.00	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 26, 2019	0.12	0.12	0.12	100.0%
18840422	284	228	SHARP	13126500	6	Jul 26, 2019	0.13	0.13	0.13	100.0%
18840422	397	10	SHARP	13126500	6	Jul 26, 2019	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 26, 2019	0.56	0.56	0.56	100.0%
18840423	280	1860	SHARP	13126500	6	Jul 26, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jul 26, 2019	1.12	1.42	1.12	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 26, 2019	0.40	0.40	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 26, 2019	1.60	1.60	1.60	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 26, 2019	1.23	1.23	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 26, 2019	0.77	0.77	0.77	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 26, 2019	0.40	0.40	0.40	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 26, 2019	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 26, 2019	0.22	0.22	0.22	100.0%
18840520	14	2002	MOORE	13132050	4	Jul 26, 2019	0.02	0.03	0.02	100.0%

18840520	14	2061	MOORE	13132050	4	Jul 26, 2019	0.04	0.05	0.04	100.0%
18840520	96	451	MOORE	13132050	4	Jul 26, 2019	0.58	0.74	0.58	100.0%
18840520	463	1300	MOORE	13132050	4	Jul 26, 2019	1.60	2.03	1.60	100.0%
18840520	604	2054	MOORE	13132050	4	Jul 26, 2019	1.15	1.46	1.15	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 26, 2019	0.01	0.01	0.01	100.0%
18840520	340	816	MOORE	13132050	4	Jul 26, 2019	0.36	0.46	0.36	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 26, 2019	0.78	0.99	0.78	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 26, 2019	0.38	0.48	0.38	100.0%
18840520	113	585	MOORE	13132050	4	Jul 26, 2019	0.11	0.14	0.11	100.0%
18840520	180	470	MOORE	13132050	4	Jul 26, 2019	0.16	0.20	0.16	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 26, 2019	0.02	0.03	0.02	100.0%
18840520	263	394	MOORE	13132050	4	Jul 26, 2019	0.22	0.28	0.22	100.0%
18840520	427	1	MOORE	13132050	4	Jul 26, 2019	1.16	1.47	1.16	100.0%
18840520	433	271	MOORE	13132050	4	Jul 26, 2019	0.54	0.68	0.54	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 26, 2019	2.24	2.84	2.24	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 26, 2019	0.22	0.28	0.22	100.0%
18840520	219	547	MOORE	13132050	4	Jul 26, 2019	1.15	1.46	1.15	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 26, 2019	0.90	1.14	0.90	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 26, 2019	0.70	0.89	0.70	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 26, 2019	1.60	2.03	1.60	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 26, 2019	2.14	2.71	2.14	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 26, 2019	0.01	0.01	0.01	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 26, 2019	0.04	0.05	0.04	100.0%
18840520	242	210	MOORE	13132050	4	Jul 26, 2019	0.21	0.27	0.21	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 26, 2019	0.18	0.23	0.18	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	0.80	1.01	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 26, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 26, 2019	0.72	0.72	0.72	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 26, 2019	0.01	0.01	0.01	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 26, 2019	0.09	0.11	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 26, 2019	0.54	0.68	0.54	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 26, 2019	0.08	0.10	0.08	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 26, 2019	1.52	1.93	1.52	100.0%
18840601	96	453	MOORE	13132050	4	Jul 26, 2019	0.21	0.27	0.21	100.0%
18840601	263	395	MOORE	13132050	4	Jul 26, 2019	0.08	0.10	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 26, 2019	0.98	1.24	0.98	100.0%
18840601	15	131	MOORE	13132050	4	Jul 26, 2019	0.37	0.47	0.37	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 26, 2019	0.16	0.20	0.16	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 26, 2019	0.40	0.40	0.40	100.0%
18840601	73	2027	BURNETT	13127750	5	Jul 26, 2019	0.23	0.23	0.23	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 26, 2019	0.73	0.73	0.73	100.0%
18840601	73	2026	BURNETT	13127750	5	Jul 26, 2019	0.37	0.37	0.37	100.0%
18840601	360	693	BURNETT	13127750	5	Jul 26, 2019	0.80	0.80	0.80	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 26, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 26, 2019	0.27	0.27	0.27	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 26, 2019	0.36	0.36	0.36	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 26, 2019	0.96	0.96	0.96	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 26, 2019	0.64	0.64	0.64	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 26, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 26, 2019	0.80	0.80	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Jul 26, 2019	0.80	1.01	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 26, 2019	1.20	1.52	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jul 26, 2019	0.80	1.01	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 26, 2019	0.76	0.96	0.76	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 26, 2019	0.80	1.01	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 26, 2019	0.80	1.01	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 26, 2019	1.20	1.52	1.20	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 26, 2019	0.51	0.65	0.51	100.0%
18840731	44	1132	MOORE	13132050	4	Jul 26, 2019	0.78	0.99	0.78	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 26, 2019	0.80	1.01	0.80	100.0%
18840831	533	421	MOORE	13132050	4	Jul 26, 2019	0.14	0.18	0.14	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	0.40	0.51	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	0.50	0.63	0.50	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	0.40	0.51	0.40	100.0%

18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 26, 2019	1.31	1.66	1.31	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	0.44	0.56	0.44	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 26, 2019	3.20	4.06	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 26, 2019	1.74	1.74	1.74	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 26, 2019	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Jul 26, 2019	0.80	0.80	0.80	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 26, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jul 26, 2019	1.76	2.23	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 26, 2019	0.89	1.13	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 26, 2019	1.25	1.59	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Jul 26, 2019	0.58	0.74	0.58	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 26, 2019	3.30	3.30	3.30	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 26, 2019	0.74	0.74	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 26, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 26, 2019	0.81	0.81	0.81	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jul 26, 2019	1.20	1.20	1.20	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 26, 2019	0.45	0.45	0.45	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 26, 2019	2.78	2.78	2.78	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jul 26, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 26, 2019	0.61	0.61	0.61	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 26, 2019	1.65	1.65	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 26, 2019	2.00	2.00	2.00	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 26, 2019	1.10	1.10	1.10	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 26, 2019	0.79	0.79	0.79	100.0%
18850501	468	59	ARCO	13132365	2	Jul 26, 2019	0.74	2.06	0.74	100.0%
18850501	423	87	ARCO	13132365	2	Jul 26, 2019	0.20	0.56	0.20	100.0%
18850501	423	186	ARCO	13132365	2	Jul 26, 2019	0.26	0.72	0.26	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 26, 2019	0.24	0.30	0.24	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 26, 2019	1.28	1.62	1.28	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 26, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 26, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	0.20	0.25	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	0.20	0.25	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	1.40	1.78	1.40	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 26, 2019	0.30	0.38	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 26, 2019	0.56	0.71	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 26, 2019	0.19	0.19	0.19	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 26, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 26, 2019	0.11	0.11	0.11	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 26, 2019	1.37	1.37	1.37	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 26, 2019	1.56	1.97	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 26, 2019	0.04	0.06	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	1.28	1.62	1.28	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jul 26, 2019	2.00	2.00	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 26, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 26, 2019	0.59	0.75	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Jul 26, 2019	0.50	0.63	0.50	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 26, 2019	1.20	1.52	1.20	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Jul 26, 2019	0.76	0.76	0.76	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 26, 2019	2.60	2.60	2.60	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Jul 26, 2019	0.80	0.80	0.80	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jul 26, 2019	1.66	1.66	1.66	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 26, 2019	0.40	0.40	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 26, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jul 26, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Jul 26, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jul 26, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 26, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 26, 2019	3.08	3.08	3.08	100.0%
18851002	468	61	ARCO	13132365	2	Jul 26, 2019	3.60	10.01	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Jul 26, 2019	1.54	4.28	1.54	100.0%
18851002	318	817	MUNSEY	13132375	2	Jul 26, 2019	0.80	2.22	0.80	100.0%
18851002	318	545	MUNSEY	13132375	2	Jul 26, 2019	0.75	2.09	0.75	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 26, 2019	3.20	3.20	3.20	100.0%

18860501	305	927	3IN1	13130605	4	Jul 26, 2019	1.60	2.03	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 26, 2019	2.80	3.55	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jul 26, 2019	1.20	1.52	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 26, 2019	1.04	1.32	1.04	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 26, 2019	0.01	0.01	0.01	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 26, 2019	0.18	0.23	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jul 26, 2019	0.48	0.61	0.48	100.0%
18860512	263	398	MOORE	13132050	4	Jul 26, 2019	0.18	0.23	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	0.85	1.08	0.85	100.0%
18860601	16	1009	MOORE	13132050	4	Jul 26, 2019	2.08	2.64	2.08	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 26, 2019	2.40	3.04	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 26, 2019	0.20	0.25	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 26, 2019	0.09	0.11	0.09	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	1.24	1.57	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	0.50	0.63	0.50	100.0%
18860601	357	1288	BURNETT	13127750	5	Jul 26, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 26, 2019	0.50	0.50	0.50	100.0%
18860630	604	1710	MOORE	13132050	4	Jul 26, 2019	0.04	0.05	0.04	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	0.02	0.03	0.02	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	0.10	0.13	0.10	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	1.00	1.27	1.00	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 26, 2019	0.85	0.85	0.85	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jul 26, 2019	1.31	1.31	1.31	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 26, 2019	2.18	2.18	2.18	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 26, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 26, 2019	1.40	1.40	1.40	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 26, 2019	3.20	3.20	3.20	100.0%
18860914	466	232	BECK	13130525	4	Jul 26, 2019	0.68	0.86	0.68	100.0%
18860914	525	1472	BURNETT	13127750	5	Jul 26, 2019	2.24	2.24	2.24	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 26, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 26, 2019	1.26	1.26	1.26	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 26, 2019	2.22	2.82	2.22	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 26, 2019	0.70	0.89	0.70	100.0%
18870313	459	338	MOORE	13132050	4	Jul 26, 2019	0.42	0.53	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Jul 26, 2019	0.65	0.82	0.65	100.0%
18870313	433	683	MOORE	13132050	4	Jul 26, 2019	0.70	0.89	0.70	100.0%
18870313	73	2029	BURNETT	13127750	5	Jul 26, 2019	0.65	0.65	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Jul 26, 2019	1.05	1.05	1.05	100.0%
18870313	360	681	BURNETT	13127750	5	Jul 26, 2019	0.80	0.80	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 26, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 26, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 26, 2019	3.20	8.90	3.20	100.0%
18870601	468	893	ARCO	13132365	2	Jul 26, 2019	1.28	3.56	1.28	100.0%
18870601	423	76	ARCO	13132365	2	Jul 26, 2019	0.22	0.61	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 26, 2019	1.80	5.00	1.80	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jul 26, 2019	0.50	1.39	0.50	100.0%
18870601	19	892	MUNSEY	13132375	2	Jul 26, 2019	1.16	3.22	1.16	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 26, 2019	1.00	1.27	1.00	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 26, 2019	0.25	0.25	0.25	100.0%
18870601	73	2022	BURNETT	13127750	5	Jul 26, 2019	1.11	1.11	1.11	100.0%
18870601	73	2023	BURNETT	13127750	5	Jul 26, 2019	0.69	0.69	0.69	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 26, 2019	0.95	0.95	0.95	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 26, 2019	0.04	0.04	0.04	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 26, 2019	0.12	0.12	0.12	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 26, 2019	0.08	0.08	0.08	100.0%
18870601	483	1270	CHILLY	13121105	9	Jul 26, 2019	0.80	0.80	0.80	100.0%
18870630	236	1428	BECK	13130525	4	Jul 26, 2019	0.60	0.76	0.60	100.0%
18870630	490	1395	BURNETT	13127750	5	Jul 26, 2019	0.80	0.80	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 26, 2019	0.70	0.70	0.70	100.0%
18870701	423	102	ARCO	13132365	2	Jul 26, 2019	1.60	4.45	1.60	100.0%
18870701	423	656	ARCO	13132365	2	Jul 26, 2019	0.92	2.56	0.92	100.0%
18870801	623	2203	BURNETT	13127750	5	Jul 26, 2019	0.09	0.09	0.09	100.0%
18870801	119	1166	BURNETT	13127750	5	Jul 26, 2019	0.27	0.27	0.27	100.0%
18870801	73	2016	BURNETT	13127750	5	Jul 26, 2019	0.62	0.62	0.62	100.0%

18870801	73	2017	BURNETT	13127750	5	Jul 26, 2019	0.38	0.38	0.38	100.0%
18870831	119	1154	BURNETT	13127750	5	Jul 26, 2019	1.20	1.20	1.20	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 26, 2019	0.65	0.65	0.65	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 26, 2019	0.32	0.32	0.32	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 26, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 26, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jul 26, 2019	0.33	0.92	0.33	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 26, 2019	0.60	0.60	0.60	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 26, 2019	0.98	0.98	0.98	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 26, 2019	0.80	0.80	0.80	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 26, 2019	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 26, 2019	1.60	1.60	1.60	100.0%
18880630	490	1750	BURNETT	13127750	5	Jul 26, 2019	0.06	0.06	0.06	100.0%
18880630	490	1826	BURNETT	13127750	5	Jul 26, 2019	0.24	0.24	0.24	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 26, 2019	0.40	1.11	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 26, 2019	0.97	0.97	0.97	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 26, 2019	0.48	0.48	0.48	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 26, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 26, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 26, 2019	0.31	0.31	0.31	100.0%
18881101	59	2222	KENT	13120605	9	Jul 26, 2019	0.33	0.33	0.33	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 26, 2019	1.23	1.23	1.23	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 26, 2019	1.33	1.33	1.33	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Jul 26, 2019	0.25	0.25	0.25	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Jul 26, 2019	1.05	1.05	1.05	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 26, 2019	1.12	1.42	1.12	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 26, 2019	0.35	0.44	0.35	100.0%
18890601	441	205	MOORE	13132050	4	Jul 26, 2019	0.97	1.23	0.97	100.0%
18890601	463	1396	MOORE	13132050	4	Jul 26, 2019	0.20	0.25	0.20	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 26, 2019	0.50	0.63	0.50	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 26, 2019	2.00	2.00	2.00	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 26, 2019	1.20	1.20	1.20	100.0%
18890601	490	1748	BURNETT	13127750	5	Jul 26, 2019	0.02	0.02	0.02	100.0%
18890601	119	996	BURNETT	13127750	5	Jul 26, 2019	0.40	0.40	0.40	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 26, 2019	0.80	0.80	0.80	100.0%
18900601	372	886	ARCO	13132365	2	Jul 26, 2019	0.59	1.64	0.59	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 26, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 26, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 26, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 26, 2019	1.70	1.70	1.70	100.0%
18910630	205	2065	BECK	13130525	4	Jul 26, 2019	1.03	1.31	1.03	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 26, 2019	0.12	0.15	0.12	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 26, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 26, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 26, 2019	0.28	0.36	0.28	100.0%
18920101	2615	1643	MOORE	13132050	4	Jul 26, 2019	1.17	1.48	1.17	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 26, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 26, 2019	1.45	1.45	1.45	100.0%
18930201	182	539	MOORE	13132050	4	Jul 26, 2019	0.05	0.06	0.05	100.0%
18930201	417	380	MOORE	13132050	4	Jul 26, 2019	0.22	0.28	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 26, 2019	0.30	0.38	0.30	100.0%
18930201	463	1423	MOORE	13132050	4	Jul 26, 2019	0.30	0.38	0.30	100.0%
18930201	158	538	MOORE	13132050	4	Jul 26, 2019	0.03	0.04	0.03	100.0%
18930323	77	688	MOORE	13132050	4	Jul 26, 2019	1.50	1.90	1.50	100.0%
18930323	77	366	MOORE	13132050	4	Jul 26, 2019	1.60	2.03	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 26, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	Jul 26, 2019	0.01	0.01	0.01	100.0%
18931101	59	2223	KENT	13120605	9	Jul 26, 2019	0.16	0.16	0.16	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 26, 2019	0.19	0.19	0.19	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 26, 2019	0.04	0.04	0.04	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 26, 2019	0.63	0.63	0.63	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 26, 2019	0.77	0.77	0.77	100.0%
18940310	357	15	BURNETT	13127750	5	Jul 26, 2019	1.90	1.90	1.90	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 26, 2019	0.44	0.44	0.44	100.0%

18940310	265	2217	BURNETT	13127750	5	Jul 26, 2019	2.80	2.80	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 26, 2019	1.68	1.68	1.68	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 26, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 26, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jul 26, 2019	0.80	1.01	0.80	100.0%
18940531	77	800	MOORE	13132050	4	Jul 26, 2019	0.74	0.94	0.74	100.0%
18940531	5	776	MOORE	13132050	4	Jul 26, 2019	0.20	0.25	0.20	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 26, 2019	3.04	8.45	3.04	100.0%
18940601	182	537	MOORE	13132050	4	Jul 26, 2019	0.03	0.04	0.03	100.0%
18940601	108	922	MOORE	13132050	4	Jul 26, 2019	0.60	0.76	0.60	100.0%
18940601	158	536	MOORE	13132050	4	Jul 26, 2019	0.02	0.03	0.02	100.0%
18940601	417	379	MOORE	13132050	4	Jul 26, 2019	0.15	0.19	0.15	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	0.76	0.96	0.76	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 26, 2019	0.11	0.11	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	Jul 26, 2019	1.60	1.60	1.60	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 26, 2019	0.10	0.10	0.10	100.0%
18940601	284	229	SHARP	13126500	6	Jul 26, 2019	0.09	0.09	0.09	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 26, 2019	1.20	1.20	1.20	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jul 26, 2019	0.38	0.38	0.38	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 26, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Jul 26, 2019	0.10	0.13	0.10	100.0%
18950601	242	212	MOORE	13132050	4	Jul 26, 2019	0.11	0.14	0.11	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 26, 2019	0.80	1.01	0.80	100.0%
18950601	158	534	MOORE	13132050	4	Jul 26, 2019	0.01	0.01	0.01	100.0%
18950601	182	535	MOORE	13132050	4	Jul 26, 2019	0.03	0.04	0.03	100.0%
18950601	621	1518	EASTSIDE FIELD H	13132061	4	Jul 26, 2019	0.20	0.25	0.20	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	0.40	0.51	0.40	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 26, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 26, 2019	0.18	0.18	0.18	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 26, 2019	2.62	2.62	2.62	100.0%
18960302	309	873	MOORE	13132050	4	Jul 26, 2019	0.25	0.32	0.25	100.0%
18960302	402	872	MOORE	13132050	4	Jul 26, 2019	0.25	0.32	0.25	100.0%
18960327	29	839	MOORE	13132050	4	Jul 26, 2019	1.60	2.03	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 26, 2019	0.50	0.50	0.50	100.0%
18960601	96	457	MOORE	13132050	4	Jul 26, 2019	0.92	1.17	0.92	100.0%
18960601	533	424	MOORE	13132050	4	Jul 26, 2019	0.11	0.14	0.11	100.0%
18960601	182	541	MOORE	13132050	4	Jul 26, 2019	0.57	0.72	0.57	100.0%
18960601	263	397	MOORE	13132050	4	Jul 26, 2019	0.35	0.44	0.35	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 26, 2019	0.23	0.29	0.23	100.0%
18960601	417	381	MOORE	13132050	4	Jul 26, 2019	2.40	3.04	2.40	100.0%
18960601	309	877	MOORE	13132050	4	Jul 26, 2019	0.08	0.11	0.08	100.0%
18960601	96	461	MOORE	13132050	4	Jul 26, 2019	0.73	0.93	0.73	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 26, 2019	0.60	0.76	0.60	100.0%
18960601	604	1711	MOORE	13132050	4	Jul 26, 2019	0.09	0.11	0.09	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 26, 2019	0.40	0.51	0.40	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 26, 2019	0.03	0.04	0.03	100.0%
18960601	459	993	MOORE	13132050	4	Jul 26, 2019	0.01	0.01	0.01	100.0%
18960601	417	992	MOORE	13132050	4	Jul 26, 2019	1.20	1.52	1.20	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 26, 2019	1.57	1.99	1.57	100.0%
18960601	402	876	MOORE	13132050	4	Jul 26, 2019	0.08	0.11	0.08	100.0%
18960601	2334	1495	MOORE	13132050	4	Jul 26, 2019	2.40	3.04	2.40	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 26, 2019	0.02	0.03	0.02	100.0%
18960601	15	1106	MOORE	13132050	4	Jul 26, 2019	1.17	1.48	1.17	100.0%
18960601	158	540	MOORE	13132050	4	Jul 26, 2019	0.32	0.41	0.32	100.0%
18960601	441	207	MOORE	13132050	4	Jul 26, 2019	1.00	1.27	1.00	100.0%
18960601	406	65	MOORE	13132050	4	Jul 26, 2019	0.30	0.38	0.30	100.0%
18960601	263	399	MOORE	13132050	4	Jul 26, 2019	0.27	0.34	0.27	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 26, 2019	1.26	1.60	1.26	100.0%
18960601	463	128	MOORE	13132050	4	Jul 26, 2019	0.96	1.22	0.96	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 26, 2019	0.70	0.89	0.70	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 26, 2019	0.41	0.52	0.41	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	0.04	0.04	0.04	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 26, 2019	0.04	0.04	0.04	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jul 26, 2019	1.15	1.15	1.15	100.0%

18960601	56	1993	MACKAY DAM	13126000	7	Jul 26, 2019	6.40	6.40	6.40	100.0%
18960630	660	1634	DARLINGTON	13127735	5	Jul 26, 2019	1.30	1.30	1.30	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 26, 2019	2.00	5.56	2.00	100.0%
18960801	280	1186	SHARP	13126500	6	Jul 26, 2019	0.14	0.14	0.14	100.0%
18960801	544	2206	SHARP	13126500	6	Jul 26, 2019	0.22	0.22	0.22	100.0%
18960901	437	671	ARCO	13132365	2	Jul 26, 2019	0.13	0.36	0.13	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 26, 2019	4.40	12.23	0.74	16.9%
18960928	15	80	MUNSEY	13132375	2	Jul 26, 2019	2.18	6.06	0.37	16.9%
18960928	407	307	MUNSEY	13132375	2	Jul 26, 2019	0.38	1.06	0.06	16.9%
18960928	150	215	MUNSEY	13132375	2	Jul 26, 2019	1.90	5.28	0.32	16.9%
18960928	90	46	MUNSEY	13132375	2	Jul 26, 2019	1.00	2.78	0.17	16.9%
18970515	130	1286	NEILSEN	13120805	9	Jul 26, 2019	2.00	2.00	2.00	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 26, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 26, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 26, 2019	0.39	0.39	0.39	99.7%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 26, 2019	0.19	0.19	0.19	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 26, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 26, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 26, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 26, 2019	3.00	3.00	3.00	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 26, 2019	0.30	0.30	0.30	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 26, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 26, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 26, 2019	2.60	2.60	2.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 26, 2019	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 26, 2019	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 26, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 26, 2019	3.13	3.13	3.13	100.0%
19020401	1	978	6X Ranch 6	13124100	8	Jul 26, 2019	2.00	2.00	2.00	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 26, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jul 26, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 26, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 26, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 26, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jul 26, 2019	2.50	2.50	2.50	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 26, 2019	0.46	0.46	0.46	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 26, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 26, 2019	0.24	0.24	0.24	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 26, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 26, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 26, 2019	0.15	0.15	0.15	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 26, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 26, 2019	0.13	0.13	0.13	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 26, 2019	0.40	0.40	0.40	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 26, 2019	0.10	0.10	0.10	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 26, 2019	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 26, 2019	1.30	1.30	1.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 26, 2019	3.00	3.00	3.00	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 26, 2019	0.50	0.50	0.50	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 26, 2019	0.30	0.30	0.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 26, 2019	0.82	0.82	0.82	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 26, 2019	0.06	0.06	0.06	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 26, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 26, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 26, 2019	0.78	0.78	0.78	100.0%
19050501	310	115	CHILLY	13121105	9	Jul 26, 2019	0.20	0.20	0.20	100.0%
19050501	364	690	CHILLY	13121105	9	Jul 26, 2019	1.10	1.10	1.10	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 26, 2019	0.78	0.78	0.78	100.0%
19060620	364	691	CHILLY	13121105	9	Jul 26, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 26, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jul 26, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Jul 26, 2019	0.50	0.50	0.50	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 26, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 26, 2019	0.04	0.04	0.04	100.0%

19100501	101	1210	NEILSEN	13120805	9	Jul 26, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 26, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Jul 26, 2019	0.70	0.70	0.70	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 26, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 26, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 26, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 26, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 26, 2019	1.58	1.58	1.58	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 26, 2019	1.30	1.30	1.30	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 26, 2019	1.32	1.32	1.32	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 26, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 26, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 26, 2019	0.18	0.18	0.18	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 26, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Jul 26, 2019	2.35	2.35	2.35	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 26, 2019	0.30	0.30	0.30	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 26, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 26, 2019	1.44	1.44	1.44	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 26, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jul 26, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 27, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 27	337.0	3.0	0.0	340.0	0.00	340.0	3.0	0.0	0.0	337.0	0.0	0.0
9	Howell to Chilly	Jul 27	136.0	99.5	0.0	-101.5	0.30	238.5	96.1	3.4	0.0	139.4	-3.4	0.0
8	Chilly to Reservoir	* Jul 27	332.0	64.4	0.0	260.4	0.00	498.9	56.5	7.9	0.0	343.3	-11.3	0.0
	Disconnected													
7	Mackay Reservoir	* Jul 27	545.5	0.0	0.0	332.0	0.00	362.0	9.0		0.0	323.0	222.5	0.0
6	Reservoir to 2B	Jul 27	537.0	8.5	0.0	0.0	0.00	332.0	8.4	0.1	0.0	314.6	222.4	0.0
5	2B to Leslie	Jul 27	408.0	159.0	0.0	30.0	0.00	362.0	113.1	45.9	0.0	231.5	176.5	0.0
4	Leslie to Moore	Jul 27	125.2	199.8	0.0	-83.0	0.20	362.0	131.2	68.6	0.0	53.2	72.0	0.0
2	Moore to blw Munsey	Jul 27	18.6	78.0	27.6	-56.2	0.45	362.0	29.3	30.0	18.7	0.0	18.6	0.0
1	Blw Munsey to Arco	Jul 27	9.7	0.0	0.0	-8.9	0.48	362.0	0.0	0.0	0.0	0.0	9.7	0.0
								TOTAL	446.6	155.9	18.7			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 27	0.0	0.0		19230316	100%
9	Howell to Chilly	Jul 27	0.0	0.0		19230316	100%
8	Chilly to Reservoir	Jul 27	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Jul 27	0.0	0.0		18960928	54%
6	Reservoir to 2B	Jul 27	0.0	0.0		18960928	54%
5	2B to Leslie	Jul 27	0.0	0.0		18960928	54%
4	Leslie to Moore	Jul 27	47.1	35.9		18960928	54%
2	Moore to blw Munsey	Jul 27	23.9	32.3		18960928	54%
1	Blw Munsey to Arco	Jul 27	0.0	8.9		18960928	54%
		TOTAL	71.0	77.1	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	130.1
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118553.4

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
40990.0	40540.0	-450.0	-226.9	13.3

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74702.4
Total Storage Loss	-41281.2
Total Storage Deliver	-20366.8
Total Evaporation	-1590.2
Accounting Balance	40334.1
Current Res Content	40540.0
Storage Balance Error	-205.9

DAILY STORAGE BALANCE

40990.0	Reservoir Content Previous Day [ac-ft]
40540.0	Reservoir Content Current Day [ac-ft]
-450.0	Physical Change in Storage [ac-ft]
17.8	Storage Allocated to Mackay Reservoir [ac-ft]
-172.2	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-35.9	Leslie to Moore [cfs]
-32.3	Moore blw Munsey [cfs]
-8.9	blw Munsey to Arco Gage [cfs]
-9.7	Past Arco Gage [cfs]
-279.2	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
45.9	2B to Leslie [cfs]
68.6	Leslie to Moore [cfs]
26.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-26.4	Evaporation [ac-ft]
-460.0	Accounting Change in Storage [ac-ft]
-10.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

332.0	Gain in/above Mackay Reservoir [cfs]
30.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
362.0	Total Available Natural Flow [cfs]
9.0	Reservoir Rights Diverted [cfs]
71.0	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
47.1	Leslie to Moore [cfs]
23.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
282.0	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
8.4	Reservoir to 2B [cfs]
113.1	2B to Leslie [cfs]
131.2	Leslie to Moore [cfs]
29.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
362.0	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.9	445
Eastside Felton Wier +	16.5	825
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	9.0	450
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	10.0	500
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.6	430
Total In	53.0	2650
Groundwater to Arco	8.6	430
Groundwater to Munsey	19.0	950

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	2.8	140
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	31.3	1565
Total Out	43.2	2160

Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.82

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 81.5%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 22.5 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 8.8 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 10.8 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 88.8%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 12.2 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 39.8 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 82.0%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 72.4%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 27, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	1.0	0.0	0.4	8	No Tellum 3	2.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	2.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	8.5	0.1	43.8
9	BITTON	4.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	2.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	31.0	10.4	548.8
9	Thalman Hunter D	1.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	44.0	12.1	890.3
9	NEILSEN	40.5	2.9	622.2	8	Smith Pumps	2.0	0.0	6.0	5	BURNETT	84.0	23.4	1899.1
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	49.0	0.5	5.5	8	Broken River Pum	2.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	15.4	7.9	957.5
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	3.0	3.0	549.4
8	Donahue 1	8.0	7.9	146.5	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	4.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	2.0	0.0	0.0	4	3IN1	6.0	3.4	118.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	313.4
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	7.0	0.0	0.0	8	Freeman Ditch	2.5	0.0	0.0	4	MOORE	133.6	41.7	3951.5
8	Mtn. Springs 1	2.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	39.8	12.6	8555.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	27.0	5.0	1346.6
8	Donahue 2	3.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	51.0	21.1	765.4
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	0.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	3.8	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	1.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	3.0	559.3	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	10.0	621.4
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.0	282.6	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.6	246.9	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 27, 2019	5.20	5.20	5.20	100.0%
18800630	56	1997	MACKAY DAM	13126000	7	Jul 27, 2019	3.20	3.20	2.16	67.6%
18810630	56	1995	MACKAY DAM	13126000	7	Jul 27, 2019	1.70	1.70	0.32	19.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 27, 2019	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 27, 2019	1.00	1.00	1.00	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 27, 2019	1.92	1.92	1.92	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 27, 2019	1.28	1.28	1.28	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 27, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jul 27, 2019	2.00	2.00	2.00	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 27, 2019	0.27	0.34	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 27, 2019	0.79	0.99	0.79	100.0%
18830601	221	855	MOORE	13132050	4	Jul 27, 2019	1.60	2.01	1.60	100.0%
18830601	224	854	MOORE	13132050	4	Jul 27, 2019	3.00	3.77	3.00	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 27, 2019	1.54	1.93	1.54	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 27, 2019	1.73	2.17	1.73	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 27, 2019	1.13	1.42	1.13	100.0%
18830810	263	393	MOORE	13132050	4	Jul 27, 2019	0.18	0.23	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 27, 2019	0.01	0.01	0.01	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 27, 2019	0.18	0.23	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jul 27, 2019	0.48	0.60	0.48	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	0.43	0.54	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	0.21	0.27	0.21	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	0.21	0.27	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 27, 2019	1.64	2.06	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 27, 2019	0.14	0.18	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 27, 2019	0.07	0.07	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 27, 2019	1.92	1.92	1.92	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 27, 2019	1.12	1.12	1.12	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Jul 27, 2019	1.62	1.62	1.62	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Jul 27, 2019	0.12	0.12	0.12	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 27, 2019	0.55	0.55	0.55	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 27, 2019	0.20	0.20	0.20	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 27, 2019	1.63	1.63	1.63	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 27, 2019	0.14	0.14	0.14	100.0%
18840422	492	1291	DARLINGTON	13127735	5	Jul 27, 2019	0.14	0.14	0.14	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 27, 2019	1.32	1.32	1.32	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 27, 2019	0.96	0.96	0.96	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 27, 2019	1.44	1.44	1.44	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 27, 2019	0.50	0.50	0.50	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 27, 2019	0.21	0.21	0.21	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 27, 2019	2.00	2.00	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 27, 2019	0.79	0.79	0.79	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 27, 2019	1.92	1.92	1.92	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 27, 2019	0.54	0.54	0.54	100.0%
18840422	2525	1903	SHARP	13126500	6	Jul 27, 2019	0.08	0.08	0.08	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 27, 2019	0.12	0.12	0.12	100.0%
18840422	397	10	SHARP	13126500	6	Jul 27, 2019	0.10	0.10	0.10	100.0%
18840422	544	2189	SHARP	13126500	6	Jul 27, 2019	1.00	1.00	1.00	100.0%
18840422	284	228	SHARP	13126500	6	Jul 27, 2019	0.13	0.13	0.13	100.0%
18840422	24	120	SHARP	13126500	6	Jul 27, 2019	0.06	0.06	0.06	100.0%
18840422	347	938	SHARP	13126500	6	Jul 27, 2019	2.08	2.08	2.08	100.0%
18840423	280	1860	SHARP	13126500	6	Jul 27, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jul 27, 2019	1.14	1.43	1.14	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 27, 2019	0.80	0.80	0.80	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 27, 2019	0.77	0.77	0.77	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 27, 2019	0.40	0.40	0.40	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 27, 2019	1.23	1.23	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 27, 2019	1.60	1.60	1.60	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 27, 2019	0.40	0.40	0.40	100.0%

18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 27, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 27, 2019	1.80	1.80	1.80	100.0%
18840520	180	470	MOORE	13132050	4	Jul 27, 2019	0.16	0.20	0.16	100.0%
18840520	340	816	MOORE	13132050	4	Jul 27, 2019	0.36	0.46	0.36	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 27, 2019	0.18	0.23	0.18	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 27, 2019	0.22	0.28	0.22	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 27, 2019	0.90	1.13	0.90	100.0%
18840520	113	585	MOORE	13132050	4	Jul 27, 2019	0.11	0.14	0.11	100.0%
18840520	433	271	MOORE	13132050	4	Jul 27, 2019	0.54	0.68	0.54	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 27, 2019	1.60	2.01	1.60	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 27, 2019	0.01	0.01	0.01	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 27, 2019	2.14	2.69	2.14	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 27, 2019	2.24	2.81	2.24	100.0%
18840520	14	2002	MOORE	13132050	4	Jul 27, 2019	0.02	0.03	0.02	100.0%
18840520	427	1	MOORE	13132050	4	Jul 27, 2019	1.20	1.51	1.20	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 27, 2019	0.72	0.90	0.72	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 27, 2019	0.02	0.03	0.02	100.0%
18840520	96	451	MOORE	13132050	4	Jul 27, 2019	0.58	0.73	0.58	100.0%
18840520	463	1300	MOORE	13132050	4	Jul 27, 2019	1.60	2.01	1.60	100.0%
18840520	14	2061	MOORE	13132050	4	Jul 27, 2019	0.04	0.05	0.04	100.0%
18840520	604	2054	MOORE	13132050	4	Jul 27, 2019	1.15	1.44	1.15	100.0%
18840520	242	210	MOORE	13132050	4	Jul 27, 2019	0.21	0.26	0.21	100.0%
18840520	263	394	MOORE	13132050	4	Jul 27, 2019	0.22	0.28	0.22	100.0%
18840520	219	547	MOORE	13132050	4	Jul 27, 2019	1.15	1.44	1.15	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 27, 2019	0.78	0.98	0.78	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 27, 2019	0.38	0.48	0.38	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 27, 2019	0.01	0.01	0.01	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 27, 2019	0.04	0.05	0.04	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	0.80	1.00	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 27, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 27, 2019	0.72	0.72	0.72	100.0%
18840601	263	395	MOORE	13132050	4	Jul 27, 2019	0.08	0.10	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 27, 2019	0.54	0.68	0.54	100.0%
18840601	15	131	MOORE	13132050	4	Jul 27, 2019	0.37	0.46	0.37	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 27, 2019	1.00	1.26	1.00	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 27, 2019	0.09	0.11	0.09	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 27, 2019	0.08	0.10	0.08	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 27, 2019	1.52	1.91	1.52	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 27, 2019	0.01	0.01	0.01	100.0%
18840601	96	453	MOORE	13132050	4	Jul 27, 2019	0.21	0.26	0.21	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 27, 2019	0.16	0.20	0.16	100.0%
18840601	360	693	BURNETT	13127750	5	Jul 27, 2019	0.80	0.80	0.80	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 27, 2019	0.73	0.73	0.73	100.0%
18840601	73	2027	BURNETT	13127750	5	Jul 27, 2019	0.23	0.23	0.23	100.0%
18840601	73	2026	BURNETT	13127750	5	Jul 27, 2019	0.37	0.37	0.37	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 27, 2019	0.36	0.36	0.36	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 27, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 27, 2019	0.27	0.27	0.27	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 27, 2019	0.40	0.40	0.40	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 27, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 27, 2019	0.96	0.96	0.96	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 27, 2019	0.64	0.64	0.64	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 27, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 27, 2019	0.40	0.40	0.40	100.0%
18840715	15	799	MOORE	13132050	4	Jul 27, 2019	0.80	1.00	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 27, 2019	0.80	1.00	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 27, 2019	0.80	1.00	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 27, 2019	1.20	1.51	1.20	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 27, 2019	1.20	1.51	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jul 27, 2019	0.80	1.00	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 27, 2019	0.78	0.98	0.78	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 27, 2019	0.80	1.00	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 27, 2019	0.55	0.69	0.55	100.0%
18840731	44	1132	MOORE	13132050	4	Jul 27, 2019	0.80	1.00	0.80	100.0%

18840831	533	421	MOORE	13132050	4	Jul 27, 2019	0.14	0.18	0.14	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	0.40	0.50	0.40	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	0.40	0.50	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 27, 2019	1.31	1.64	1.31	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	0.50	0.63	0.50	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	0.44	0.55	0.44	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 27, 2019	3.20	4.02	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 27, 2019	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 27, 2019	0.40	0.40	0.40	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 27, 2019	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Jul 27, 2019	0.80	0.80	0.80	100.0%
18841012	205	2067	BECK	13130525	4	Jul 27, 2019	1.76	2.21	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Jul 27, 2019	0.58	0.73	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 27, 2019	0.89	1.12	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 27, 2019	1.25	1.57	1.25	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jul 27, 2019	1.20	1.20	1.20	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 27, 2019	2.78	2.78	2.78	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 27, 2019	2.77	2.77	2.77	100.0%
18841012	190	418	SWAUGER	13127600	5	Jul 27, 2019	0.11	0.11	0.11	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 27, 2019	0.81	0.81	0.81	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 27, 2019	0.74	0.74	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 27, 2019	3.30	3.30	3.30	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 27, 2019	0.51	0.51	0.51	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jul 27, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 27, 2019	0.55	0.55	0.55	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 27, 2019	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 27, 2019	1.65	1.65	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 27, 2019	0.79	0.79	0.79	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 27, 2019	1.10	1.10	1.10	100.0%
18850501	423	87	ARCO	13132365	2	Jul 27, 2019	0.20	0.46	0.20	100.0%
18850501	423	186	ARCO	13132365	2	Jul 27, 2019	0.26	0.59	0.26	100.0%
18850501	468	59	ARCO	13132365	2	Jul 27, 2019	0.74	1.69	0.74	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 27, 2019	0.20	0.25	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 27, 2019	1.80	2.26	1.80	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 27, 2019	0.24	0.30	0.24	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 27, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 27, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	0.20	0.25	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	0.20	0.25	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	1.40	1.76	1.40	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 27, 2019	0.30	0.38	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 27, 2019	0.56	0.70	0.56	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 27, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 27, 2019	0.11	0.11	0.11	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 27, 2019	1.37	1.37	1.37	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 27, 2019	0.19	0.19	0.19	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 27, 2019	1.56	1.95	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 27, 2019	0.04	0.06	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	3.20	4.02	3.20	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 27, 2019	3.20	3.20	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jul 27, 2019	2.00	2.00	2.00	100.0%
18850601	205	2064	BECK	13130525	4	Jul 27, 2019	0.59	0.74	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 27, 2019	1.20	1.51	1.20	100.0%
18850601	15	859	MOORE	13132050	4	Jul 27, 2019	0.50	0.63	0.50	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Jul 27, 2019	1.20	1.20	1.20	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Jul 27, 2019	0.80	0.80	0.80	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 27, 2019	0.40	0.40	0.40	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jul 27, 2019	1.66	1.66	1.66	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 27, 2019	2.60	2.60	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 27, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jul 27, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Jul 27, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jul 27, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 27, 2019	0.28	0.28	0.28	100.0%

18850630	525	491	BURNETT	13127750	5	Jul 27, 2019	3.08	3.08	3.08	100.0%
18851002	437	62	ARCO	13132365	2	Jul 27, 2019	1.54	3.51	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jul 27, 2019	3.60	8.20	3.60	100.0%
18851002	318	545	MUNSEY	13132375	2	Jul 27, 2019	0.75	1.71	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Jul 27, 2019	0.80	1.82	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 27, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 27, 2019	1.60	2.01	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jul 27, 2019	1.20	1.51	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 27, 2019	2.80	3.52	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 27, 2019	3.26	4.09	3.26	100.0%
18860512	263	398	MOORE	13132050	4	Jul 27, 2019	0.18	0.23	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 27, 2019	0.01	0.01	0.01	100.0%
18860512	96	459	MOORE	13132050	4	Jul 27, 2019	0.48	0.60	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 27, 2019	0.18	0.23	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	1.77	2.22	1.77	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 27, 2019	2.40	3.01	2.40	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 27, 2019	0.09	0.11	0.09	100.0%
18860601	16	1009	MOORE	13132050	4	Jul 27, 2019	2.14	2.69	2.14	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 27, 2019	0.20	0.25	0.20	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	1.24	1.56	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	1.38	1.73	1.38	100.0%
18860601	357	1288	BURNETT	13127750	5	Jul 27, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 27, 2019	0.50	0.50	0.50	100.0%
18860630	604	1710	MOORE	13132050	4	Jul 27, 2019	0.04	0.05	0.04	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	0.10	0.13	0.10	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	1.36	1.71	1.36	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	0.86	1.08	0.86	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 27, 2019	0.85	0.85	0.85	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jul 27, 2019	1.31	1.31	1.31	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 27, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 27, 2019	1.42	1.42	1.42	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 27, 2019	2.24	2.24	2.24	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 27, 2019	3.20	3.20	3.20	100.0%
18860914	466	232	BECK	13130525	4	Jul 27, 2019	0.68	0.85	0.68	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 27, 2019	0.34	0.34	0.34	100.0%
18860914	525	1472	BURNETT	13127750	5	Jul 27, 2019	2.31	2.31	2.31	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 27, 2019	1.26	1.26	1.26	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 27, 2019	2.28	2.86	2.28	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 27, 2019	0.80	1.00	0.80	100.0%
18870313	459	338	MOORE	13132050	4	Jul 27, 2019	0.42	0.53	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Jul 27, 2019	0.70	0.88	0.70	100.0%
18870313	459	682	MOORE	13132050	4	Jul 27, 2019	0.65	0.82	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	Jul 27, 2019	0.80	0.80	0.80	100.0%
18870313	73	2029	BURNETT	13127750	5	Jul 27, 2019	0.65	0.65	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Jul 27, 2019	1.05	1.05	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 27, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 27, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 27, 2019	3.20	7.29	3.20	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 27, 2019	1.80	4.10	1.80	100.0%
18870601	423	76	ARCO	13132365	2	Jul 27, 2019	0.22	0.50	0.22	100.0%
18870601	468	893	ARCO	13132365	2	Jul 27, 2019	0.34	0.77	0.34	100.0%
18870601	19	892	MUNSEY	13132375	2	Jul 27, 2019	1.22	2.78	1.22	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jul 27, 2019	0.50	1.14	0.50	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 27, 2019	1.00	1.26	1.00	100.0%
18870601	525	1471	BURNETT	13127750	5	Jul 27, 2019	0.07	0.07	0.07	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 27, 2019	0.25	0.25	0.25	100.0%
18870601	73	2022	BURNETT	13127750	5	Jul 27, 2019	1.11	1.11	1.11	100.0%
18870601	73	2023	BURNETT	13127750	5	Jul 27, 2019	0.69	0.69	0.69	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 27, 2019	0.95	0.95	0.95	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 27, 2019	0.92	0.92	0.92	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 27, 2019	0.04	0.04	0.04	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 27, 2019	0.12	0.12	0.12	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 27, 2019	0.08	0.08	0.08	100.0%
18870601	483	1270	CHILLY	13121105	9	Jul 27, 2019	0.80	0.80	0.80	100.0%

18870630	236	1428	BECK	13130525	4	Jul 27, 2019	0.64	0.80	0.64	100.0%
18870630	490	1395	BURNETT	13127750	5	Jul 27, 2019	0.80	0.80	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 27, 2019	0.72	0.72	0.72	100.0%
18870701	423	102	ARCO	13132365	2	Jul 27, 2019	1.60	3.64	1.60	100.0%
18870701	423	656	ARCO	13132365	2	Jul 27, 2019	0.40	0.91	0.40	100.0%
18870801	73	2016	BURNETT	13127750	5	Jul 27, 2019	0.62	0.62	0.62	100.0%
18870801	623	2203	BURNETT	13127750	5	Jul 27, 2019	0.11	0.11	0.11	100.0%
18870801	119	1166	BURNETT	13127750	5	Jul 27, 2019	0.27	0.27	0.27	100.0%
18870801	73	2017	BURNETT	13127750	5	Jul 27, 2019	0.38	0.38	0.38	100.0%
18870831	119	1154	BURNETT	13127750	5	Jul 27, 2019	1.20	1.20	1.20	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 27, 2019	0.65	0.65	0.65	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 27, 2019	0.32	0.32	0.32	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 27, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 27, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jul 27, 2019	0.33	0.75	0.33	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 27, 2019	0.98	0.98	0.98	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 27, 2019	0.77	0.77	0.77	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 27, 2019	0.83	0.83	0.83	100.0%
18880601	56	1994	MACKAY DAM	13126000	7	Jul 27, 2019	3.20	3.20	2.16	67.6%
18880601	629	1497	HOWELL	13120490	10	Jul 27, 2019	1.60	1.60	1.60	100.0%
18880630	490	1826	BURNETT	13127750	5	Jul 27, 2019	0.24	0.24	0.24	100.0%
18880630	490	1750	BURNETT	13127750	5	Jul 27, 2019	0.06	0.06	0.06	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 27, 2019	0.40	0.91	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 27, 2019	0.97	0.97	0.97	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 27, 2019	0.48	0.48	0.48	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 27, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 27, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 27, 2019	0.31	0.31	0.31	100.0%
18881101	59	2222	KENT	13120605	9	Jul 27, 2019	0.33	0.33	0.33	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 27, 2019	1.23	1.23	1.23	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 27, 2019	1.33	1.33	1.33	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 27, 2019	1.34	1.34	1.34	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Jul 27, 2019	0.13	0.13	0.13	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Jul 27, 2019	1.05	1.05	1.05	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 27, 2019	1.12	1.41	1.12	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 27, 2019	0.35	0.44	0.35	100.0%
18890601	463	1396	MOORE	13132050	4	Jul 27, 2019	0.20	0.25	0.20	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 27, 2019	0.50	0.63	0.50	100.0%
18890601	441	205	MOORE	13132050	4	Jul 27, 2019	0.97	1.22	0.97	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 27, 2019	0.80	0.80	0.80	100.0%
18890601	490	1748	BURNETT	13127750	5	Jul 27, 2019	0.10	0.10	0.10	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 27, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 27, 2019	2.00	2.00	2.00	100.0%
18890601	119	996	BURNETT	13127750	5	Jul 27, 2019	0.40	0.40	0.40	100.0%
18900601	372	886	ARCO	13132365	2	Jul 27, 2019	0.59	1.34	0.59	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 27, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 27, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 27, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 27, 2019	1.70	1.70	1.70	100.0%
18910630	205	2065	BECK	13130525	4	Jul 27, 2019	1.05	1.32	1.05	100.0%
18910630	44	1003	MOORE	13132050	4	Jul 27, 2019	0.06	0.08	0.06	100.0%
18910630	414	1849	MOORE	13132050	4	Jul 27, 2019	0.20	0.25	0.20	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 27, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 27, 2019	5.20	5.20	5.20	100.0%
18920101	2615	1643	MOORE	13132050	4	Jul 27, 2019	1.17	1.47	1.17	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 27, 2019	0.28	0.35	0.28	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 27, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 27, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 27, 2019	0.30	0.38	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jul 27, 2019	0.22	0.28	0.22	100.0%
18930201	182	539	MOORE	13132050	4	Jul 27, 2019	0.05	0.06	0.05	100.0%
18930201	158	538	MOORE	13132050	4	Jul 27, 2019	0.03	0.04	0.03	100.0%
18930201	463	1423	MOORE	13132050	4	Jul 27, 2019	0.30	0.38	0.30	100.0%
18930323	77	366	MOORE	13132050	4	Jul 27, 2019	1.60	2.01	1.60	100.0%

18930323	77	688	MOORE	13132050	4	Jul 27, 2019	1.50	1.88	1.50	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 27, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	KENT	13120605	9	Jul 27, 2019	0.01	0.01	0.01	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 27, 2019	0.19	0.19	0.19	100.0%
18931101	59	2223	KENT	13120605	9	Jul 27, 2019	0.16	0.16	0.16	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 27, 2019	0.63	0.63	0.63	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 27, 2019	0.77	0.77	0.77	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 27, 2019	0.04	0.04	0.04	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 27, 2019	0.44	0.44	0.44	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 27, 2019	2.80	2.80	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	Jul 27, 2019	1.98	1.98	1.98	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 27, 2019	1.72	1.72	1.72	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 27, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 27, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jul 27, 2019	0.80	1.00	0.80	100.0%
18940531	77	800	MOORE	13132050	4	Jul 27, 2019	0.74	0.93	0.74	100.0%
18940531	5	776	MOORE	13132050	4	Jul 27, 2019	0.20	0.25	0.20	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 27, 2019	3.20	7.29	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jul 27, 2019	0.15	0.19	0.15	100.0%
18940601	158	536	MOORE	13132050	4	Jul 27, 2019	0.02	0.03	0.02	100.0%
18940601	182	537	MOORE	13132050	4	Jul 27, 2019	0.03	0.04	0.03	100.0%
18940601	108	922	MOORE	13132050	4	Jul 27, 2019	0.60	0.75	0.60	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	1.50	1.88	1.50	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 27, 2019	0.11	0.11	0.11	100.0%
18940601	139	713	BURNETT	13127750	5	Jul 27, 2019	0.62	0.62	0.62	100.0%
18940601	360	698	BURNETT	13127750	5	Jul 27, 2019	1.60	1.60	1.60	100.0%
18940601	284	229	SHARP	13126500	6	Jul 27, 2019	0.09	0.09	0.09	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 27, 2019	0.10	0.10	0.10	100.0%
18940601	2525	1904	SHARP	13126500	6	Jul 27, 2019	0.06	0.06	0.06	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 27, 2019	1.20	1.20	1.20	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jul 27, 2019	0.38	0.38	0.38	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 27, 2019	3.20	3.20	3.20	100.0%
18950601	158	534	MOORE	13132050	4	Jul 27, 2019	0.01	0.01	0.01	100.0%
18950601	242	212	MOORE	13132050	4	Jul 27, 2019	0.11	0.14	0.11	100.0%
18950601	417	378	MOORE	13132050	4	Jul 27, 2019	0.10	0.13	0.10	100.0%
18950601	182	535	MOORE	13132050	4	Jul 27, 2019	0.03	0.04	0.03	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 27, 2019	0.80	1.00	0.80	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	0.40	0.50	0.40	100.0%
18950601	621	1518	EASTSIDE FIELD H	13132061	4	Jul 27, 2019	0.20	0.25	0.20	100.0%
18950601	251	1342	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	0.16	0.20	0.16	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	0.38	0.48	0.38	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 27, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 27, 2019	0.18	0.18	0.18	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 27, 2019	2.62	2.62	2.62	100.0%
18960302	309	873	MOORE	13132050	4	Jul 27, 2019	0.25	0.32	0.25	100.0%
18960302	402	872	MOORE	13132050	4	Jul 27, 2019	0.25	0.32	0.25	100.0%
18960327	29	839	MOORE	13132050	4	Jul 27, 2019	1.60	2.01	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 27, 2019	0.50	0.50	0.50	100.0%
18960601	533	424	MOORE	13132050	4	Jul 27, 2019	0.11	0.14	0.11	100.0%
18960601	604	1711	MOORE	13132050	4	Jul 27, 2019	0.09	0.11	0.09	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 27, 2019	1.57	1.97	1.57	100.0%
18960601	417	992	MOORE	13132050	4	Jul 27, 2019	1.20	1.51	1.20	100.0%
18960601	459	993	MOORE	13132050	4	Jul 27, 2019	0.15	0.19	0.15	100.0%
18960601	441	207	MOORE	13132050	4	Jul 27, 2019	1.00	1.26	1.00	100.0%
18960601	463	128	MOORE	13132050	4	Jul 27, 2019	1.08	1.36	1.08	100.0%
18960601	96	457	MOORE	13132050	4	Jul 27, 2019	0.92	1.15	0.92	100.0%
18960601	263	397	MOORE	13132050	4	Jul 27, 2019	0.35	0.44	0.35	100.0%
18960601	309	877	MOORE	13132050	4	Jul 27, 2019	0.08	0.11	0.08	100.0%
18960601	417	381	MOORE	13132050	4	Jul 27, 2019	2.40	3.01	2.40	100.0%
18960601	182	541	MOORE	13132050	4	Jul 27, 2019	0.57	0.72	0.57	100.0%
18960601	158	540	MOORE	13132050	4	Jul 27, 2019	0.32	0.40	0.32	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 27, 2019	0.40	0.50	0.40	100.0%
18960601	15	1106	MOORE	13132050	4	Jul 27, 2019	1.17	1.47	1.17	100.0%
18960601	263	399	MOORE	13132050	4	Jul 27, 2019	0.27	0.34	0.27	100.0%

18960601	96	461	MOORE	13132050	4	Jul 27, 2019	0.73	0.92	0.73	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 27, 2019	0.60	0.75	0.60	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 27, 2019	0.02	0.03	0.02	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 27, 2019	0.03	0.04	0.03	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 27, 2019	1.34	1.68	1.34	100.0%
18960601	402	876	MOORE	13132050	4	Jul 27, 2019	0.08	0.11	0.08	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 27, 2019	0.23	0.29	0.23	100.0%
18960601	406	65	MOORE	13132050	4	Jul 27, 2019	0.30	0.38	0.30	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jul 27, 2019	0.80	1.00	0.80	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 27, 2019	0.70	0.88	0.70	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 27, 2019	0.41	0.51	0.41	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	0.04	0.04	0.04	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 27, 2019	0.04	0.04	0.04	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jul 27, 2019	1.15	1.15	1.15	100.0%
18960601	56	1993	MACKAY DAM	13126000	7	Jul 27, 2019	6.40	6.40	4.33	67.6%
18960630	660	1634	DARLINGTON	13127735	5	Jul 27, 2019	1.30	1.30	1.30	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 27, 2019	2.00	4.55	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jul 27, 2019	0.12	0.12	0.12	100.0%
18960801	280	1186	SHARP	13126500	6	Jul 27, 2019	0.04	0.04	0.04	100.0%
18960901	437	671	ARCO	13132365	2	Jul 27, 2019	0.13	0.30	0.13	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 27, 2019	1.97	4.49	1.06	54.0%
18960928	15	80	MUNSEY	13132375	2	Jul 27, 2019	2.32	5.28	1.25	54.0%
18960928	150	216	MUNSEY	13132375	2	Jul 27, 2019	0.03	0.07	0.02	54.0%
18960928	407	307	MUNSEY	13132375	2	Jul 27, 2019	0.40	0.91	0.22	54.0%
18960928	90	46	MUNSEY	13132375	2	Jul 27, 2019	1.00	2.28	0.54	54.0%
18960928	319	1175	MUNSEY	13132375	2	Jul 27, 2019	0.07	0.15	0.04	54.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 27, 2019	4.40	10.02	2.37	54.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 27, 2019	2.00	2.00	2.00	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 27, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 27, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 27, 2019	0.39	0.39	0.39	99.7%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 27, 2019	0.19	0.19	0.19	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 27, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 27, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 27, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 27, 2019	3.00	3.00	3.00	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 27, 2019	0.30	0.30	0.30	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 27, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 27, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 27, 2019	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 27, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 27, 2019	2.60	2.60	2.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 27, 2019	3.40	3.40	3.40	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 27, 2019	3.13	3.13	3.13	100.0%
19020401	1	978	6X Ranch 6	13124100	8	Jul 27, 2019	2.00	2.00	2.00	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 27, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jul 27, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 27, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 27, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 27, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jul 27, 2019	2.50	2.50	2.50	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 27, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 27, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 27, 2019	0.46	0.46	0.46	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 27, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 27, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 27, 2019	0.15	0.15	0.15	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 27, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 27, 2019	0.13	0.13	0.13	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 27, 2019	0.10	0.10	0.10	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 27, 2019	0.50	0.50	0.50	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 27, 2019	1.30	1.30	1.30	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 27, 2019	0.06	0.06	0.06	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 27, 2019	0.82	0.82	0.82	100.0%

19050501	101	1204	NEILSEN	13120805	9	Jul 27, 2019	0.65	0.65	0.65	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 27, 2019	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 27, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 27, 2019	0.40	0.40	0.40	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 27, 2019	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 27, 2019	0.58	0.58	0.58	100.0%
19050501	364	690	CHILLY	13121105	9	Jul 27, 2019	1.10	1.10	1.10	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 27, 2019	0.78	0.78	0.78	100.0%
19050501	310	115	CHILLY	13121105	9	Jul 27, 2019	0.20	0.20	0.20	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 27, 2019	0.78	0.78	0.78	100.0%
19060620	364	691	CHILLY	13121105	9	Jul 27, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 27, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jul 27, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Jul 27, 2019	0.50	0.50	0.50	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 27, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 27, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 27, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 27, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Jul 27, 2019	0.70	0.70	0.70	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 27, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 27, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 27, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 27, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 27, 2019	1.30	1.30	1.30	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 27, 2019	1.58	1.58	1.58	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 27, 2019	1.32	1.32	1.32	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 27, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 27, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 27, 2019	0.18	0.18	0.18	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 27, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Jul 27, 2019	2.35	2.35	2.35	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 27, 2019	0.30	0.30	0.30	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 27, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 27, 2019	1.44	1.44	1.44	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 27, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jul 27, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 28, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 28	329.0	2.5	0.0	331.5	0.00	331.5	2.5	0.0	0.0	329.0	0.0	0.0
9	Howell to Chilly	Jul 28	126.0	98.5	0.0	-104.5	0.32	227.0	95.1	3.4	0.0	129.4	-3.4	0.0
8	Chilly to Reservoir	* Jul 28	314.9	59.2	0.0	248.1	0.00	475.1	58.5	0.7	0.0	319.0	-4.1	0.0
	Disconnected													
7	Mackay Reservoir	* Jul 28	533.6	0.0	0.0	314.9	0.00	332.9	0.0		0.0	314.9	218.7	0.0
6	Reservoir to 2B	Jul 28	525.0	8.6	0.0	0.0	0.00	314.9	8.5	0.1	0.0	306.4	218.6	0.0
5	2B to Leslie	Jul 28	392.0	151.0	0.0	18.0	0.00	332.9	112.9	38.1	0.0	211.5	180.5	0.0
4	Leslie to Moore	Jul 28	119.3	185.7	0.0	-87.0	0.22	332.9	123.7	62.0	0.0	40.9	78.5	0.0
2	Moore to blw Munsey	Jul 28	29.7	78.0	27.6	-39.2	0.33	332.9	27.4	30.3	20.3	0.0	29.7	0.0
1	Blw Munsey to Arco	Jul 28	28.2	0.0	0.0	-1.5	0.05	332.9	0.0	0.0	0.0	0.0	28.2	0.0
							TOTAL		428.6	134.6	20.3			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 28	0.0	0.0		19230316	100%
9	Howell to Chilly	Jul 28	0.0	0.0		19230316	100%
8	Chilly to Reservoir	Jul 28	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Jul 28	0.0	0.0		18960928	35%
6	Reservoir to 2B	Jul 28	0.0	0.0		18960928	35%
5	2B to Leslie	Jul 28	0.0	0.0		18960928	35%
4	Leslie to Moore	Jul 28	46.9	40.1		18960928	35%
2	Moore to blw Munsey	Jul 28	13.4	25.8		18960928	35%
1	Blw Munsey to Arco	Jul 28	0.0	1.5		18960928	35%
		TOTAL	60.3	67.4	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	130.1
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118553.4

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
40540.0	40080.0	-460.0	-231.9	13.2

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74702.4
Total Storage Loss	-41470.8
Total Storage Deliver	-20625.6
Total Evaporation	-1616.5
Accounting Balance	39859.5
Current Res Content	40080.0
Storage Balance Error	-220.5

DAILY STORAGE BALANCE

40540.0	Reservoir Content Previous Day [ac-ft]
40080.0	Reservoir Content Current Day [ac-ft]
-460.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-189.6	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-40.1	Leslie to Moore [cfs]
-25.8	Moore blw Munsey [cfs]
-1.5	blw Munsey to Arco Gage [cfs]
-28.2	Past Arco Gage [cfs]
-253.0	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
38.1	2B to Leslie [cfs]
62.0	Leslie to Moore [cfs]
27.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-26.3	Evaporation [ac-ft]
-468.9	Accounting Change in Storage [ac-ft]
-8.9	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

314.9	Gain in/above Mackay Reservoir [cfs]
18.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
332.9	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
60.3	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
46.9	Leslie to Moore [cfs]
13.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
272.5	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
8.5	Reservoir to 2B [cfs]
112.9	2B to Leslie [cfs]
123.7	Leslie to Moore [cfs]
27.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
332.8	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	9.6	480
Eastside Felton Wier +	18.0	900
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	9.0	450
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	10.0	500
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.6	430
Total In	55.2	2760
Groundwater to Arco	8.6	430
Groundwater to Munsey	19.0	950

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	2.8	140
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	34.5	1725
Total Out	46.4	2320

Abbreviated Reach Delivery Factor	0.84
Total Out Divided By Total In	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 84.1%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 23.2 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 11.3 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 13.4 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 87.7%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 15.3 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 36.7 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 81.5%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 73.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 28, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	3.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	1.0	0.0	0.4	8	No Tellum 3	2.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	2.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	8.6	0.1	44.0
9	BITTON	3.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	2.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	25.2	5.5	559.6
9	Thalman Hunter D	1.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	44.4	12.7	915.5
9	NEILSEN	40.5	2.9	628.1	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	81.4	19.9	1938.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	49.0	0.5	6.4	8	Broken River Pum	5.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	15.0	7.7	972.9
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	3.0	3.0	555.4
8	Donahue 1	0.8	0.7	147.9	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	4.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	2.0	0.0	0.0	4	3IN1	6.0	3.4	124.8
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	317.4
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	8.0	0.0	0.0	8	Freeman Ditch	2.5	0.0	0.0	4	MOORE	123.0	35.2	4021.3
8	Mtn. Springs 1	2.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	36.7	12.6	8580.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	27.0	4.8	1356.1
8	Donahue 2	2.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	51.0	22.6	810.1
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	0.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	3.8	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	1.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	2.0	563.3	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	10.0	661.1
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.0	318.3	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.6	281.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 28, 2019	5.20	5.20	5.20	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jul 28, 2019	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jul 28, 2019	1.00	1.00	1.00	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jul 28, 2019	1.92	1.92	1.92	100.0%
18820601	317	939	No Tellum 3	13123090	8	Jul 28, 2019	1.28	1.28	1.28	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 28, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jul 28, 2019	3.00	3.00	3.00	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 28, 2019	0.27	0.35	0.27	100.0%
18830601	221	855	MOORE	13132050	4	Jul 28, 2019	1.60	2.06	1.60	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 28, 2019	0.79	1.02	0.79	100.0%
18830601	224	854	MOORE	13132050	4	Jul 28, 2019	2.80	3.60	2.80	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 28, 2019	1.46	1.88	1.46	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 28, 2019	1.13	1.45	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 28, 2019	1.73	2.22	1.73	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 28, 2019	0.01	0.01	0.01	100.0%
18830810	263	393	MOORE	13132050	4	Jul 28, 2019	0.18	0.23	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 28, 2019	0.18	0.23	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jul 28, 2019	0.48	0.62	0.48	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	0.21	0.27	0.21	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	0.21	0.27	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	0.43	0.55	0.43	100.0%
18840422	236	30	BECK	13130525	4	Jul 28, 2019	1.64	2.11	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 28, 2019	0.14	0.18	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 28, 2019	1.75	1.75	1.75	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Jul 28, 2019	0.12	0.12	0.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 28, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Jul 28, 2019	1.62	1.62	1.62	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 28, 2019	1.12	1.12	1.12	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 28, 2019	1.63	1.63	1.63	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 28, 2019	0.14	0.14	0.14	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 28, 2019	0.96	0.96	0.96	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 28, 2019	0.55	0.55	0.55	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 28, 2019	0.20	0.20	0.20	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 28, 2019	1.38	1.38	1.38	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 28, 2019	1.44	1.44	1.44	100.0%
18840422	492	1291	DARLINGTON	13127735	5	Jul 28, 2019	0.14	0.14	0.14	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 28, 2019	2.00	2.00	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 28, 2019	0.50	0.50	0.50	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 28, 2019	0.79	0.79	0.79	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 28, 2019	1.92	1.92	1.92	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 28, 2019	0.21	0.21	0.21	100.0%
18840422	397	10	SHARP	13126500	6	Jul 28, 2019	0.10	0.10	0.10	100.0%
18840422	544	2189	SHARP	13126500	6	Jul 28, 2019	1.00	1.00	1.00	100.0%
18840422	347	938	SHARP	13126500	6	Jul 28, 2019	2.25	2.25	2.25	100.0%
18840422	24	120	SHARP	13126500	6	Jul 28, 2019	0.06	0.06	0.06	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 28, 2019	0.54	0.54	0.54	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 28, 2019	0.12	0.12	0.12	100.0%
18840422	284	228	SHARP	13126500	6	Jul 28, 2019	0.13	0.13	0.13	100.0%
18840422	2525	1903	SHARP	13126500	6	Jul 28, 2019	0.08	0.08	0.08	100.0%
18840423	280	1860	SHARP	13126500	6	Jul 28, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jul 28, 2019	1.10	1.41	1.10	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 28, 2019	0.80	0.80	0.80	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 28, 2019	1.60	1.60	1.60	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 28, 2019	0.40	0.40	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 28, 2019	0.77	0.77	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 28, 2019	1.23	1.23	1.23	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 28, 2019	0.40	0.40	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jul 28, 2019	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jul 28, 2019	1.80	1.80	1.80	100.0%

18840520	414	1796	MOORE	13132050	4	Jul 28, 2019	1.60	2.06	1.60	100.0%
18840520	14	2002	MOORE	13132050	4	Jul 28, 2019	0.02	0.03	0.02	100.0%
18840520	14	2061	MOORE	13132050	4	Jul 28, 2019	0.04	0.05	0.04	100.0%
18840520	113	585	MOORE	13132050	4	Jul 28, 2019	0.11	0.14	0.11	100.0%
18840520	180	470	MOORE	13132050	4	Jul 28, 2019	0.16	0.21	0.16	100.0%
18840520	340	816	MOORE	13132050	4	Jul 28, 2019	0.36	0.47	0.36	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 28, 2019	0.78	1.00	0.78	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 28, 2019	0.22	0.28	0.22	100.0%
18840520	604	2054	MOORE	13132050	4	Jul 28, 2019	1.15	1.48	1.15	100.0%
18840520	96	451	MOORE	13132050	4	Jul 28, 2019	0.58	0.75	0.58	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 28, 2019	0.04	0.05	0.04	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 28, 2019	2.14	2.75	2.14	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 28, 2019	0.18	0.23	0.18	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 28, 2019	0.01	0.01	0.01	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 28, 2019	2.24	2.88	2.24	100.0%
18840520	219	547	MOORE	13132050	4	Jul 28, 2019	1.15	1.48	1.15	100.0%
18840520	463	1300	MOORE	13132050	4	Jul 28, 2019	1.60	2.06	1.60	100.0%
18840520	427	1	MOORE	13132050	4	Jul 28, 2019	1.12	1.44	1.12	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 28, 2019	0.38	0.49	0.38	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 28, 2019	0.90	1.16	0.90	100.0%
18840520	242	210	MOORE	13132050	4	Jul 28, 2019	0.21	0.27	0.21	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 28, 2019	0.01	0.01	0.01	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 28, 2019	0.02	0.03	0.02	100.0%
18840520	433	271	MOORE	13132050	4	Jul 28, 2019	0.54	0.69	0.54	100.0%
18840520	263	394	MOORE	13132050	4	Jul 28, 2019	0.22	0.28	0.22	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 28, 2019	0.66	0.85	0.66	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	0.80	1.03	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 28, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 28, 2019	0.72	0.72	0.72	100.0%
18840601	15	131	MOORE	13132050	4	Jul 28, 2019	0.37	0.47	0.37	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 28, 2019	0.09	0.12	0.09	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 28, 2019	0.08	0.10	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Jul 28, 2019	0.21	0.27	0.21	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 28, 2019	0.54	0.69	0.54	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 28, 2019	0.94	1.21	0.94	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 28, 2019	1.52	1.95	1.52	100.0%
18840601	263	395	MOORE	13132050	4	Jul 28, 2019	0.08	0.10	0.08	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 28, 2019	0.01	0.01	0.01	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 28, 2019	0.16	0.21	0.16	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 28, 2019	0.40	0.40	0.40	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 28, 2019	0.80	0.80	0.80	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 28, 2019	0.38	0.38	0.38	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 28, 2019	0.73	0.73	0.73	100.0%
18840601	73	2027	BURNETT	13127750	5	Jul 28, 2019	0.23	0.23	0.23	100.0%
18840601	73	2026	BURNETT	13127750	5	Jul 28, 2019	0.37	0.37	0.37	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 28, 2019	0.27	0.27	0.27	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 28, 2019	0.20	0.20	0.20	100.0%
18840601	360	693	BURNETT	13127750	5	Jul 28, 2019	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jul 28, 2019	0.96	0.96	0.96	100.0%
18840601	317	940	No Tellum 3	13123090	8	Jul 28, 2019	0.64	0.64	0.64	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 28, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 28, 2019	0.80	0.80	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 28, 2019	0.80	1.03	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 28, 2019	0.72	0.93	0.72	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 28, 2019	0.80	1.03	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Jul 28, 2019	0.80	1.03	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 28, 2019	1.20	1.54	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jul 28, 2019	0.80	1.03	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 28, 2019	1.20	1.54	1.20	100.0%
18840731	44	1132	MOORE	13132050	4	Jul 28, 2019	0.70	0.90	0.70	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 28, 2019	0.45	0.58	0.45	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 28, 2019	0.80	1.03	0.80	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 28, 2019	0.20	0.26	0.20	100.0%
18840831	533	421	MOORE	13132050	4	Jul 28, 2019	0.14	0.18	0.14	100.0%

18840831	306	1694	MOORE	13132050	4	Jul 28, 2019	0.06	0.08	0.06	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Jul 28, 2019	1.31	1.68	1.31	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	0.40	0.51	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	0.50	0.64	0.50	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	0.44	0.57	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	0.40	0.51	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 28, 2019	3.20	4.11	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jul 28, 2019	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 28, 2019	0.40	0.40	0.40	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 28, 2019	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Jul 28, 2019	0.80	0.80	0.80	100.0%
18841012	205	2067	BECK	13130525	4	Jul 28, 2019	1.76	2.26	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Jul 28, 2019	0.58	0.75	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 28, 2019	0.89	1.14	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 28, 2019	1.25	1.61	1.25	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 28, 2019	0.81	0.81	0.81	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 28, 2019	0.46	0.46	0.46	100.0%
18841012	190	418	SWAUGER	13127600	5	Jul 28, 2019	0.11	0.11	0.11	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 28, 2019	0.74	0.74	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 28, 2019	2.77	2.77	2.77	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 28, 2019	2.78	2.78	2.78	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jul 28, 2019	1.20	1.20	1.20	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 28, 2019	3.30	3.30	3.30	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jul 28, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 28, 2019	0.60	0.60	0.60	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 28, 2019	0.79	0.79	0.79	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 28, 2019	1.10	1.10	1.10	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 28, 2019	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 28, 2019	1.65	1.65	1.65	100.0%
18850501	468	59	ARCO	13132365	2	Jul 28, 2019	0.74	1.42	0.74	100.0%
18850501	423	186	ARCO	13132365	2	Jul 28, 2019	0.26	0.50	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Jul 28, 2019	0.20	0.38	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 28, 2019	1.80	2.31	1.80	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 28, 2019	0.24	0.31	0.24	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 28, 2019	0.20	0.26	0.20	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 28, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 28, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	0.20	0.26	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	0.20	0.26	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	1.40	1.80	1.40	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 28, 2019	0.30	0.39	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 28, 2019	0.56	0.72	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 28, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 28, 2019	1.37	1.37	1.37	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 28, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 28, 2019	0.11	0.11	0.11	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 28, 2019	0.04	0.06	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 28, 2019	1.56	2.00	1.56	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jul 28, 2019	2.00	2.00	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 28, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 28, 2019	0.59	0.76	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Jul 28, 2019	0.50	0.64	0.50	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 28, 2019	1.20	1.54	1.20	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Jul 28, 2019	0.76	0.76	0.76	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jul 28, 2019	1.66	1.66	1.66	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 28, 2019	0.40	0.40	0.40	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Jul 28, 2019	0.80	0.80	0.80	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 28, 2019	2.60	2.60	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 28, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jul 28, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Jul 28, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jul 28, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 28, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 28, 2019	3.08	3.08	3.08	100.0%

18851002	468	61	ARCO	13132365	2	Jul 28, 2019	3.60	6.89	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Jul 28, 2019	1.54	2.95	1.54	100.0%
18851002	318	545	MUNSEY	13132375	2	Jul 28, 2019	0.75	1.44	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Jul 28, 2019	0.80	1.53	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 28, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 28, 2019	1.60	2.06	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jul 28, 2019	1.20	1.54	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 28, 2019	2.80	3.60	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 28, 2019	3.26	4.19	3.26	100.0%
18860512	263	398	MOORE	13132050	4	Jul 28, 2019	0.18	0.23	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 28, 2019	0.01	0.01	0.01	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 28, 2019	0.18	0.23	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jul 28, 2019	0.48	0.62	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	1.77	2.27	1.77	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 28, 2019	0.09	0.12	0.09	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 28, 2019	0.20	0.26	0.20	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 28, 2019	2.40	3.08	2.40	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	1.38	1.77	1.38	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	1.24	1.59	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	Jul 28, 2019	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jul 28, 2019	0.50	0.50	0.50	100.0%
18860630	604	1710	MOORE	13132050	4	Jul 28, 2019	0.04	0.05	0.04	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	1.36	1.75	1.36	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	0.86	1.11	0.86	100.0%
18860630	50	242	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	0.10	0.13	0.10	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jul 28, 2019	1.31	1.31	1.31	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 28, 2019	0.85	0.85	0.85	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 28, 2019	1.48	1.48	1.48	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 28, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 28, 2019	2.40	2.40	2.40	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 28, 2019	3.20	3.20	3.20	100.0%
18860914	466	232	BECK	13130525	4	Jul 28, 2019	0.66	0.85	0.66	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 28, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 28, 2019	0.34	0.34	0.34	100.0%
18860914	525	1472	BURNETT	13127750	5	Jul 28, 2019	2.31	2.31	2.31	100.0%
18870302	618	1449	MOORE	13132050	4	Jul 28, 2019	2.14	2.75	2.14	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Jul 28, 2019	0.80	1.03	0.80	100.0%
18870313	459	682	MOORE	13132050	4	Jul 28, 2019	0.65	0.84	0.65	100.0%
18870313	433	683	MOORE	13132050	4	Jul 28, 2019	0.70	0.90	0.70	100.0%
18870313	459	338	MOORE	13132050	4	Jul 28, 2019	0.42	0.54	0.42	100.0%
18870313	73	2028	BURNETT	13127750	5	Jul 28, 2019	1.05	1.05	1.05	100.0%
18870313	360	681	BURNETT	13127750	5	Jul 28, 2019	0.80	0.80	0.80	100.0%
18870313	73	2029	BURNETT	13127750	5	Jul 28, 2019	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 28, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 28, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 28, 2019	3.20	6.13	3.20	100.0%
18870601	423	76	ARCO	13132365	2	Jul 28, 2019	0.22	0.42	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 28, 2019	1.80	3.45	1.80	100.0%
18870601	468	893	ARCO	13132365	2	Jul 28, 2019	0.34	0.65	0.34	100.0%
18870601	19	892	MUNSEY	13132375	2	Jul 28, 2019	1.22	2.34	1.22	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jul 28, 2019	0.50	0.96	0.50	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 28, 2019	1.00	1.29	1.00	100.0%
18870601	525	1471	BURNETT	13127750	5	Jul 28, 2019	0.41	0.41	0.41	100.0%
18870601	73	2023	BURNETT	13127750	5	Jul 28, 2019	0.69	0.69	0.69	100.0%
18870601	73	2022	BURNETT	13127750	5	Jul 28, 2019	1.11	1.11	1.11	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 28, 2019	0.92	0.92	0.92	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 28, 2019	0.95	0.95	0.95	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 28, 2019	0.25	0.25	0.25	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jul 28, 2019	0.04	0.04	0.04	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jul 28, 2019	0.12	0.12	0.12	100.0%
18870601	317	941	No Tellum 3	13123090	8	Jul 28, 2019	0.08	0.08	0.08	100.0%
18870601	483	1270	CHILLY	13121105	9	Jul 28, 2019	0.80	0.80	0.80	100.0%
18870630	236	1428	BECK	13130525	4	Jul 28, 2019	0.56	0.72	0.56	100.0%
18870630	490	1395	BURNETT	13127750	5	Jul 28, 2019	0.80	0.80	0.80	100.0%

18870630	323	945	BURNETT	13127750	5	Jul 28, 2019	0.74	0.74	0.74	100.0%
18870701	423	656	ARCO	13132365	2	Jul 28, 2019	0.40	0.77	0.40	100.0%
18870701	423	102	ARCO	13132365	2	Jul 28, 2019	1.60	3.06	1.60	100.0%
18870801	73	2017	BURNETT	13127750	5	Jul 28, 2019	0.38	0.38	0.38	100.0%
18870801	73	2016	BURNETT	13127750	5	Jul 28, 2019	0.62	0.62	0.62	100.0%
18870801	623	2203	BURNETT	13127750	5	Jul 28, 2019	0.53	0.53	0.53	100.0%
18870801	119	1166	BURNETT	13127750	5	Jul 28, 2019	0.27	0.27	0.27	100.0%
18870831	623	2201	BURNETT	13127750	5	Jul 28, 2019	0.58	0.58	0.58	100.0%
18870831	119	1154	BURNETT	13127750	5	Jul 28, 2019	0.42	0.42	0.42	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 28, 2019	0.65	0.65	0.65	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 28, 2019	0.32	0.32	0.32	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 28, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 28, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jul 28, 2019	0.33	0.63	0.33	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 28, 2019	0.98	0.98	0.98	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 28, 2019	0.54	0.54	0.54	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 28, 2019	0.70	0.70	0.70	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 28, 2019	1.60	1.60	1.60	100.0%
18880630	490	1750	BURNETT	13127750	5	Jul 28, 2019	0.06	0.06	0.06	100.0%
18880630	490	1826	BURNETT	13127750	5	Jul 28, 2019	0.24	0.24	0.24	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 28, 2019	0.40	0.77	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 28, 2019	0.97	0.97	0.97	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 28, 2019	0.48	0.48	0.48	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 28, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 28, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	KENT	13120605	9	Jul 28, 2019	0.42	0.42	0.42	100.0%
18881101	2610	2095	KENT	13120605	9	Jul 28, 2019	0.39	0.39	0.39	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 28, 2019	1.16	1.16	1.16	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 28, 2019	1.25	1.25	1.25	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 28, 2019	1.42	1.42	1.42	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Jul 28, 2019	0.19	0.19	0.19	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Jul 28, 2019	1.05	1.05	1.05	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Jul 28, 2019	1.12	1.44	1.12	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 28, 2019	0.50	0.64	0.50	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 28, 2019	0.35	0.45	0.35	100.0%
18890601	463	1396	MOORE	13132050	4	Jul 28, 2019	0.20	0.26	0.20	100.0%
18890601	441	205	MOORE	13132050	4	Jul 28, 2019	0.97	1.25	0.97	100.0%
18890601	490	1748	BURNETT	13127750	5	Jul 28, 2019	0.25	0.25	0.25	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 28, 2019	0.80	0.80	0.80	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 28, 2019	2.00	2.00	2.00	100.0%
18890601	490	1786	BURNETT	13127750	5	Jul 28, 2019	0.03	0.03	0.03	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 28, 2019	1.20	1.20	1.20	100.0%
18900601	372	886	ARCO	13132365	2	Jul 28, 2019	0.59	1.13	0.59	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 28, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 28, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 28, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 28, 2019	1.70	1.70	1.70	100.0%
18910630	205	2065	BECK	13130525	4	Jul 28, 2019	0.95	1.22	0.95	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 28, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 28, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 28, 2019	0.26	0.33	0.26	100.0%
18920101	2615	1643	MOORE	13132050	4	Jul 28, 2019	1.17	1.50	1.17	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 28, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 28, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 28, 2019	0.11	0.14	0.11	100.0%
18930201	158	538	MOORE	13132050	4	Jul 28, 2019	0.03	0.04	0.03	100.0%
18930201	182	539	MOORE	13132050	4	Jul 28, 2019	0.05	0.06	0.05	100.0%
18930201	417	380	MOORE	13132050	4	Jul 28, 2019	0.22	0.28	0.22	100.0%
18930201	463	1423	MOORE	13132050	4	Jul 28, 2019	0.30	0.39	0.30	100.0%
18930323	77	688	MOORE	13132050	4	Jul 28, 2019	1.50	1.93	1.50	100.0%
18930323	77	366	MOORE	13132050	4	Jul 28, 2019	1.60	2.06	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 28, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	KENT	13120605	9	Jul 28, 2019	0.12	0.12	0.12	100.0%
18931101	59	1279	KENT	13120605	9	Jul 28, 2019	0.01	0.01	0.01	100.0%

18931101	59	2223	KENT	13120605	9	Jul 28, 2019	0.07	0.07	0.07	100.0%
18931101	59	1279	BITTON	13120735	9	Jul 28, 2019	0.04	0.04	0.04	100.0%
18931101	2610	2096	BITTON	13120735	9	Jul 28, 2019	0.35	0.35	0.35	100.0%
18931101	59	2223	BITTON	13120735	9	Jul 28, 2019	0.22	0.22	0.22	99.5%
18940310	265	2217	BURNETT	13127750	5	Jul 28, 2019	2.80	2.80	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	Jul 28, 2019	2.10	2.10	2.10	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 28, 2019	1.78	1.78	1.78	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 28, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 28, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 28, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jul 28, 2019	0.80	1.03	0.80	100.0%
18940531	77	800	MOORE	13132050	4	Jul 28, 2019	0.74	0.95	0.74	100.0%
18940531	5	776	MOORE	13132050	4	Jul 28, 2019	0.20	0.26	0.20	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 28, 2019	3.20	6.13	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jul 28, 2019	0.15	0.19	0.15	100.0%
18940601	158	536	MOORE	13132050	4	Jul 28, 2019	0.02	0.03	0.02	100.0%
18940601	108	922	MOORE	13132050	4	Jul 28, 2019	0.58	0.75	0.58	100.0%
18940601	182	537	MOORE	13132050	4	Jul 28, 2019	0.03	0.04	0.03	100.0%
18940601	482	1301	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	1.50	1.93	1.50	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 28, 2019	0.11	0.11	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	Jul 28, 2019	1.60	1.60	1.60	100.0%
18940601	139	713	BURNETT	13127750	5	Jul 28, 2019	0.74	0.74	0.74	100.0%
18940601	2525	1904	SHARP	13126500	6	Jul 28, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Jul 28, 2019	0.09	0.09	0.09	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 28, 2019	0.10	0.10	0.10	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 28, 2019	1.20	1.20	1.20	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jul 28, 2019	0.38	0.38	0.38	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 28, 2019	3.20	3.20	3.20	100.0%
18950601	158	534	MOORE	13132050	4	Jul 28, 2019	0.01	0.01	0.01	100.0%
18950601	242	212	MOORE	13132050	4	Jul 28, 2019	0.11	0.14	0.11	100.0%
18950601	417	378	MOORE	13132050	4	Jul 28, 2019	0.10	0.13	0.10	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 28, 2019	0.80	1.03	0.80	100.0%
18950601	182	535	MOORE	13132050	4	Jul 28, 2019	0.03	0.04	0.03	100.0%
18950601	621	1518	EASTSIDE FIELD H	13132061	4	Jul 28, 2019	0.20	0.26	0.20	100.0%
18950601	251	1342	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	0.16	0.21	0.16	100.0%
18950601	634	1554	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	0.38	0.49	0.38	100.0%
18950601	500	2009	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	0.40	0.51	0.40	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 28, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 28, 2019	0.02	0.02	0.02	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 28, 2019	2.62	2.62	2.62	100.0%
18960302	309	873	MOORE	13132050	4	Jul 28, 2019	0.25	0.33	0.25	100.0%
18960302	402	872	MOORE	13132050	4	Jul 28, 2019	0.25	0.33	0.25	100.0%
18960327	29	839	MOORE	13132050	4	Jul 28, 2019	1.60	2.06	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 28, 2019	1.50	1.50	1.50	100.0%
18960601	533	424	MOORE	13132050	4	Jul 28, 2019	0.11	0.14	0.11	100.0%
18960601	158	540	MOORE	13132050	4	Jul 28, 2019	0.32	0.41	0.32	100.0%
18960601	263	397	MOORE	13132050	4	Jul 28, 2019	0.35	0.45	0.35	100.0%
18960601	263	399	MOORE	13132050	4	Jul 28, 2019	0.27	0.35	0.27	100.0%
18960601	604	1711	MOORE	13132050	4	Jul 28, 2019	0.09	0.12	0.09	100.0%
18960601	441	207	MOORE	13132050	4	Jul 28, 2019	0.85	1.09	0.85	100.0%
18960601	15	1106	MOORE	13132050	4	Jul 28, 2019	1.17	1.50	1.17	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 28, 2019	1.54	1.98	1.54	100.0%
18960601	463	128	MOORE	13132050	4	Jul 28, 2019	0.80	1.03	0.80	100.0%
18960601	309	877	MOORE	13132050	4	Jul 28, 2019	0.08	0.11	0.08	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 28, 2019	0.02	0.03	0.02	100.0%
18960601	406	65	MOORE	13132050	4	Jul 28, 2019	0.30	0.39	0.30	100.0%
18960601	402	876	MOORE	13132050	4	Jul 28, 2019	0.08	0.11	0.08	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 28, 2019	0.40	0.51	0.40	100.0%
18960601	96	461	MOORE	13132050	4	Jul 28, 2019	0.73	0.94	0.73	100.0%
18960601	96	457	MOORE	13132050	4	Jul 28, 2019	0.92	1.18	0.92	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 28, 2019	0.03	0.04	0.03	100.0%
18960601	182	541	MOORE	13132050	4	Jul 28, 2019	0.57	0.73	0.57	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 28, 2019	0.56	0.72	0.56	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 28, 2019	0.23	0.30	0.23	100.0%

18960601	85	1522	MOORE	13132050	4	Jul 28, 2019	1.14	1.47	1.14	100.0%
18960601	417	992	MOORE	13132050	4	Jul 28, 2019	1.20	1.54	1.20	100.0%
18960601	417	381	MOORE	13132050	4	Jul 28, 2019	2.40	3.08	2.40	100.0%
18960601	144	1958	LOWER EASTSIDE &	13132291	4	Jul 28, 2019	0.70	0.90	0.70	100.0%
18960601	45	998	LOWER EASTSIDE &	13132291	4	Jul 28, 2019	0.80	1.03	0.80	100.0%
18960601	2613	2037	EASTSIDE FIELD H	13132061	4	Jul 28, 2019	0.41	0.53	0.41	100.0%
18960601	192	1405	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	0.04	0.04	0.04	100.0%
18960601	638	1405	UPPER EASTSIDE &	13132101	4	Jul 28, 2019	0.04	0.04	0.04	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jul 28, 2019	1.15	1.15	1.15	100.0%
18960630	660	1634	DARLINGTON	13127735	5	Jul 28, 2019	0.90	0.90	0.90	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 28, 2019	2.00	3.83	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jul 28, 2019	0.14	0.14	0.14	100.0%
18960801	280	1186	SHARP	13126500	6	Jul 28, 2019	0.06	0.06	0.06	100.0%
18960901	437	671	ARCO	13132365	2	Jul 28, 2019	0.13	0.25	0.13	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 28, 2019	0.03	0.06	0.01	35.4%
18960928	407	307	MUNSEY	13132375	2	Jul 28, 2019	0.40	0.77	0.14	35.4%
18960928	150	215	MUNSEY	13132375	2	Jul 28, 2019	1.97	3.77	0.70	35.4%
18960928	90	46	MUNSEY	13132375	2	Jul 28, 2019	1.00	1.91	0.35	35.4%
18960928	319	1175	MUNSEY	13132375	2	Jul 28, 2019	0.07	0.13	0.02	35.4%
18960928	442	2158	MUNSEY	13132375	2	Jul 28, 2019	4.40	8.43	1.56	35.4%
18960928	15	80	MUNSEY	13132375	2	Jul 28, 2019	2.32	4.44	0.82	35.4%
18970515	130	1286	NEILSEN	13120805	9	Jul 28, 2019	2.00	2.00	2.00	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 28, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 28, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 28, 2019	0.39	0.39	0.39	99.7%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 28, 2019	0.19	0.19	0.19	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 28, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 28, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 28, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 28, 2019	2.00	2.00	2.00	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 28, 2019	0.30	0.30	0.30	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 28, 2019	0.90	0.90	0.90	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 28, 2019	2.60	2.60	2.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 28, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 28, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 28, 2019	3.40	3.40	3.40	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 28, 2019	0.80	0.80	0.80	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 28, 2019	3.13	3.13	3.13	100.0%
19020401	1	978	6X Ranch 6	13124100	8	Jul 28, 2019	2.00	2.00	2.00	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 28, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jul 28, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 28, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 28, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 28, 2019	3.70	3.70	3.70	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jul 28, 2019	2.50	2.50	2.50	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 28, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 28, 2019	0.46	0.46	0.46	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 28, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 28, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 28, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 28, 2019	0.15	0.15	0.15	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 28, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 28, 2019	0.13	0.13	0.13	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 28, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 28, 2019	0.40	0.40	0.40	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 28, 2019	0.65	0.65	0.65	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 28, 2019	0.82	0.82	0.82	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 28, 2019	3.00	3.00	3.00	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 28, 2019	1.30	1.30	1.30	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 28, 2019	0.06	0.06	0.06	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 28, 2019	0.50	0.50	0.50	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 28, 2019	0.10	0.10	0.10	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 28, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 28, 2019	0.78	0.78	0.78	100.0%

19050501	364	629	CHILLY	13121105	9	Jul 28, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Jul 28, 2019	1.10	1.10	1.10	100.0%
19050501	310	115	CHILLY	13121105	9	Jul 28, 2019	0.20	0.20	0.20	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 28, 2019	0.28	0.28	0.28	100.0%
19060620	364	691	CHILLY	13121105	9	Jul 28, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 28, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jul 28, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Jul 28, 2019	0.50	0.50	0.50	100.0%
19090830	575	890	Broken River Pum	13124050	8	Jul 28, 2019	0.82	0.82	0.82	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 28, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 28, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 28, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 28, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Jul 28, 2019	0.70	0.70	0.70	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 28, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 28, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 28, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 28, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 28, 2019	1.30	1.30	1.30	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 28, 2019	1.58	1.58	1.58	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 28, 2019	1.32	1.32	1.32	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 28, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 28, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 28, 2019	0.80	0.80	0.80	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 28, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Jul 28, 2019	2.35	2.35	2.35	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jul 28, 2019	0.30	0.30	0.30	100.0%
19160701	101	1208	NEILSEN	13120805	9	Jul 28, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 28, 2019	1.44	1.44	1.44	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 28, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jul 28, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 29, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 29	331.0	3.0	0.0	334.0	0.00	334.0	3.0	0.0	0.0	331.0	0.0	0.0
9	Howell to Chilly	Jul 29	123.0	101.7	0.0	-106.3	0.32	227.7	97.6	4.1	0.0	127.1	-4.1	0.0
8	Chilly to Reservoir	* Jul 29	326.7	43.9	0.0	247.6	0.00	475.3	43.2	0.7	0.0	331.5	-4.8	0.0
	Disconnected													
7	Mackay Reservoir	* Jul 29	513.0	0.0	0.0	326.7	0.00	363.1	0.0		0.0	326.7	186.3	0.0
6	Reservoir to 2B	Jul 29	513.0	0.0	0.0	0.0	0.00	326.7	0.0	0.0	0.0	326.7	186.3	0.0
5	2B to Leslie	Jul 29	388.0	161.4	0.0	36.4	0.00	363.1	127.5	33.9	0.0	235.7	152.3	0.0
4	Leslie to Moore	Jul 29	113.4	149.3	0.0	-125.3	0.32	363.1	104.3	45.1	0.0	55.3	58.1	0.0
2	Moore to blw Munsey	Jul 29	27.3	50.7	9.0	-44.4	0.39	363.1	33.7	9.3	7.7	0.0	27.3	0.0
1	Blw Munsey to Arco	Jul 29	26.2	0.0	0.0	-1.1	0.04	363.1	0.0	0.0	0.0	0.0	26.2	0.0
								TOTAL	409.2	93.1	7.7			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 29	0.0	0.0		19230316	100%
9	Howell to Chilly	Jul 29	0.0	0.0		19230316	100%
8	Chilly to Reservoir	Jul 29	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Jul 29	0.0	0.0		18980901	5%
6	Reservoir to 2B	Jul 29	0.0	0.0		18980901	5%
5	2B to Leslie	Jul 29	0.0	0.0		18980901	5%
4	Leslie to Moore	Jul 29	76.1	49.2		18980901	5%
2	Moore to blw Munsey	Jul 29	21.6	22.7		18980901	5%
1	Blw Munsey to Arco	Jul 29	0.0	1.1		18980901	5%
		TOTAL	97.7	73.0	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	130.1
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118553.4

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
40080.0	39690.0	-390.0	-196.6	10.4

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74702.4
Total Storage Loss	-41667.6
Total Storage Deliver	-20800.8
Total Evaporation	-1637.0
Accounting Balance	39467.0
Current Res Content	39690.0
Storage Balance Error	-223.0

DAILY STORAGE BALANCE

40080.0	Reservoir Content Previous Day [ac-ft]
39690.0	Reservoir Content Current Day [ac-ft]
-390.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-196.8	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-49.2	Leslie to Moore [cfs]
-22.7	Moore blw Munsey [cfs]
-1.1	blw Munsey to Arco Gage [cfs]
-26.2	Past Arco Gage [cfs]
-171.9	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.0	Reservoir to 2B [cfs]
33.9	2B to Leslie [cfs]
45.1	Leslie to Moore [cfs]
7.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-20.5	Evaporation [ac-ft]
-389.2	Accounting Change in Storage [ac-ft]
0.8	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

326.7	Gain in/above Mackay Reservoir [cfs]
36.4	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
363.1	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
97.7	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
76.1	Leslie to Moore [cfs]
21.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
265.5	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
0.0	Reservoir to 2B [cfs]
127.5	2B to Leslie [cfs]
104.3	Leslie to Moore [cfs]
33.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
363.2	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	9.8	490
Eastside Felton Wier +	20.9	1045
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	9.0	450
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	39.7	1985
Groundwater to Arco	0.0	0
Groundwater to Munsey	9.0	450

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	2.8	140
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.2	110
Island Wanstrom David +	0.0	0
Eastside OUT	27.3	1365
Total Out	41.4	2070

Abbreviated Reach Delivery Factor 1.04
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 104.3%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 9.4 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 17.9 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 17.2 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 270.0%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 6.4 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 10.0 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 275.8%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 281.6%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 29, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	2.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	0.0	0.0	44.0
9	BITTON	3.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	2.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	28.0	7.0	573.4
9	Thalman Hunter D	2.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	51.4	6.8	929.1
9	NEILSEN	47.1	4.1	636.2	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	82.0	20.1	1978.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	45.6	0.0	6.4	8	Broken River Pum	4.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	14.8	7.6	988.0
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.8	0.7	149.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	2.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	6.0	3.4	131.5
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	321.3
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	7.0	0.0	0.0	8	Freeman Ditch	2.5	0.0	0.0	4	MOORE	116.5	32.3	4085.3
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	10.0	0.0	8580.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	22.0	6.1	1368.3
8	Donahue 2	2.5	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	28.7	1.5	813.2
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	2.0	567.3	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	661.1
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.0	354.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	281.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 29, 2019	5.00	5.00	5.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 29, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 29, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 29, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jul 29, 2019	3.00	3.00	3.00	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 29, 2019	0.79	1.17	0.79	100.0%
18830601	224	854	MOORE	13132050	4	Jul 29, 2019	2.76	4.08	2.76	100.0%
18830601	221	855	MOORE	13132050	4	Jul 29, 2019	1.58	2.33	1.58	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 29, 2019	1.44	2.13	1.44	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 29, 2019	0.27	0.40	0.27	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 29, 2019	1.13	1.67	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 29, 2019	1.68	2.48	1.68	100.0%
18830810	96	449	MOORE	13132050	4	Jul 29, 2019	0.48	0.71	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 29, 2019	0.18	0.27	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 29, 2019	0.01	0.01	0.01	100.0%
18830810	263	393	MOORE	13132050	4	Jul 29, 2019	0.18	0.27	0.18	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 29, 2019	0.43	0.64	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 29, 2019	0.21	0.31	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 29, 2019	1.64	2.42	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 29, 2019	0.14	0.21	0.14	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Jul 29, 2019	1.62	1.62	1.62	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Jul 29, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 29, 2019	2.86	2.86	2.86	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 29, 2019	0.07	0.07	0.07	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 29, 2019	1.12	1.12	1.12	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 29, 2019	0.20	0.20	0.20	100.0%
18840422	492	1291	DARLINGTON	13127735	5	Jul 29, 2019	0.14	0.14	0.14	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 29, 2019	1.63	1.63	1.63	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 29, 2019	0.96	0.96	0.96	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 29, 2019	1.50	1.50	1.50	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 29, 2019	0.14	0.14	0.14	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 29, 2019	1.44	1.44	1.44	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 29, 2019	0.55	0.55	0.55	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 29, 2019	2.00	2.00	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 29, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 29, 2019	0.21	0.21	0.21	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 29, 2019	0.50	0.50	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 29, 2019	1.92	1.92	1.92	100.0%
18840430	141	1365	BECK	13130525	4	Jul 29, 2019	1.08	1.60	1.08	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 29, 2019	0.40	0.40	0.40	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 29, 2019	0.40	0.40	0.40	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 29, 2019	1.23	1.23	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 29, 2019	1.60	1.60	1.60	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 29, 2019	0.80	0.80	0.80	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 29, 2019	0.77	0.77	0.77	100.0%
18840520	180	470	MOORE	13132050	4	Jul 29, 2019	0.16	0.24	0.16	100.0%
18840520	242	210	MOORE	13132050	4	Jul 29, 2019	0.21	0.31	0.21	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 29, 2019	0.01	0.01	0.01	100.0%
18840520	433	271	MOORE	13132050	4	Jul 29, 2019	0.54	0.80	0.54	100.0%
18840520	263	394	MOORE	13132050	4	Jul 29, 2019	0.22	0.32	0.22	100.0%
18840520	427	1	MOORE	13132050	4	Jul 29, 2019	1.10	1.62	1.10	100.0%
18840520	219	547	MOORE	13132050	4	Jul 29, 2019	1.15	1.70	1.15	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 29, 2019	1.60	2.36	1.60	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 29, 2019	0.18	0.27	0.18	100.0%
18840520	340	816	MOORE	13132050	4	Jul 29, 2019	0.36	0.53	0.36	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 29, 2019	0.22	0.32	0.22	100.0%
18840520	96	451	MOORE	13132050	4	Jul 29, 2019	0.58	0.86	0.58	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 29, 2019	0.04	0.06	0.04	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 29, 2019	0.01	0.01	0.01	100.0%

18840520	113	585	MOORE	13132050	4	Jul 29, 2019	0.11	0.16	0.11	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 29, 2019	0.90	1.33	0.90	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 29, 2019	2.24	3.31	2.24	100.0%
18840520	463	1300	MOORE	13132050	4	Jul 29, 2019	1.60	2.36	1.60	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 29, 2019	0.02	0.03	0.02	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 29, 2019	2.14	3.16	2.14	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 29, 2019	0.66	0.97	0.66	100.0%
18840520	14	2002	MOORE	13132050	4	Jul 29, 2019	0.02	0.03	0.02	100.0%
18840520	14	2061	MOORE	13132050	4	Jul 29, 2019	0.04	0.06	0.04	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 29, 2019	0.78	1.15	0.78	100.0%
18840520	604	2054	MOORE	13132050	4	Jul 29, 2019	1.15	1.70	1.15	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 29, 2019	0.38	0.56	0.38	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 29, 2019	0.80	1.18	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 29, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 29, 2019	0.72	0.72	0.72	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 29, 2019	0.54	0.80	0.54	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 29, 2019	0.08	0.12	0.08	100.0%
18840601	15	131	MOORE	13132050	4	Jul 29, 2019	0.37	0.54	0.37	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 29, 2019	0.01	0.01	0.01	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 29, 2019	0.09	0.13	0.09	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 29, 2019	0.92	1.36	0.92	100.0%
18840601	263	395	MOORE	13132050	4	Jul 29, 2019	0.08	0.12	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Jul 29, 2019	0.21	0.31	0.21	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 29, 2019	1.52	2.24	1.52	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 29, 2019	0.16	0.24	0.16	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 29, 2019	0.80	0.80	0.80	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 29, 2019	0.36	0.36	0.36	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 29, 2019	0.27	0.27	0.27	100.0%
18840601	73	2026	BURNETT	13127750	5	Jul 29, 2019	0.37	0.37	0.37	100.0%
18840601	73	2027	BURNETT	13127750	5	Jul 29, 2019	0.23	0.23	0.23	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 29, 2019	0.40	0.40	0.40	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 29, 2019	0.73	0.73	0.73	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 29, 2019	0.20	0.20	0.20	100.0%
18840601	360	693	BURNETT	13127750	5	Jul 29, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 29, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 29, 2019	0.80	0.80	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jul 29, 2019	0.80	1.18	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 29, 2019	1.20	1.77	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 29, 2019	0.80	1.18	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Jul 29, 2019	0.80	1.18	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 29, 2019	1.20	1.77	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 29, 2019	0.78	1.15	0.78	100.0%
18840715	133	324	MOORE	13132050	4	Jul 29, 2019	0.72	1.06	0.72	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 29, 2019	0.80	1.18	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 29, 2019	0.43	0.64	0.43	100.0%
18840731	44	1132	MOORE	13132050	4	Jul 29, 2019	0.66	0.97	0.66	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 29, 2019	0.20	0.30	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 29, 2019	0.06	0.09	0.06	100.0%
18840831	533	421	MOORE	13132050	4	Jul 29, 2019	0.14	0.21	0.14	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 29, 2019	0.40	0.59	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 29, 2019	0.50	0.74	0.50	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 29, 2019	0.44	0.65	0.44	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 29, 2019	3.20	4.73	3.20	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 29, 2019	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Jul 29, 2019	0.80	0.80	0.80	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 29, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jul 29, 2019	1.76	2.60	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 29, 2019	1.25	1.85	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Jul 29, 2019	0.58	0.86	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 29, 2019	0.89	1.31	0.89	100.0%
18841012	190	418	SWAUGER	13127600	5	Jul 29, 2019	0.11	0.11	0.11	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 29, 2019	0.81	0.81	0.81	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 29, 2019	0.74	0.74	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 29, 2019	2.77	2.77	2.77	100.0%

18841012	314	1444	SWAUGER	13127600	5	Jul 29, 2019	3.30	3.30	3.30	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 29, 2019	2.78	2.78	2.78	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jul 29, 2019	1.20	1.20	1.20	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jul 29, 2019	1.09	1.09	1.09	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 29, 2019	1.10	1.10	1.10	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 29, 2019	2.00	2.00	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 29, 2019	0.79	0.79	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 29, 2019	1.65	1.65	1.65	100.0%
18850501	468	59	ARCO	13132365	2	Jul 29, 2019	0.74	1.80	0.74	100.0%
18850501	423	186	ARCO	13132365	2	Jul 29, 2019	0.26	0.63	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Jul 29, 2019	0.20	0.49	0.20	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 29, 2019	0.20	0.30	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 29, 2019	1.80	2.66	1.80	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 29, 2019	0.24	0.35	0.24	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 29, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 29, 2019	2.80	2.80	2.80	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 29, 2019	1.40	2.07	1.40	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 29, 2019	0.20	0.30	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 29, 2019	0.30	0.44	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 29, 2019	0.56	0.83	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 29, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 29, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 29, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 29, 2019	0.01	0.01	0.01	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 29, 2019	1.56	2.30	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 29, 2019	0.04	0.06	0.04	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jul 29, 2019	2.00	2.00	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 29, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 29, 2019	0.59	0.87	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 29, 2019	1.16	1.71	1.16	100.0%
18850601	15	859	MOORE	13132050	4	Jul 29, 2019	0.50	0.74	0.50	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Jul 29, 2019	0.86	0.86	0.86	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 29, 2019	0.40	0.40	0.40	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 29, 2019	2.60	2.60	2.60	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Jul 29, 2019	0.80	0.80	0.80	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jul 29, 2019	1.66	1.66	1.66	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 29, 2019	1.54	1.54	1.54	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jul 29, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 29, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 29, 2019	3.08	3.08	3.08	100.0%
18851002	437	62	ARCO	13132365	2	Jul 29, 2019	1.54	3.74	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jul 29, 2019	3.60	8.74	3.60	100.0%
18851002	318	545	MUNSEY	13132375	2	Jul 29, 2019	0.75	1.82	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Jul 29, 2019	0.80	1.94	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 29, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 29, 2019	1.60	2.36	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 29, 2019	2.80	4.14	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jul 29, 2019	1.20	1.77	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 29, 2019	3.26	4.81	2.05	62.8%
18860512	96	459	MOORE	13132050	4	Jul 29, 2019	0.48	0.71	0.48	100.0%
18860512	263	398	MOORE	13132050	4	Jul 29, 2019	0.18	0.27	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 29, 2019	0.01	0.01	0.01	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 29, 2019	0.18	0.27	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 29, 2019	1.77	2.61	0.65	36.6%
18860601	90	1377	MOORE	13132050	4	Jul 29, 2019	2.40	3.54	2.40	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 29, 2019	0.09	0.13	0.09	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 29, 2019	0.20	0.30	0.20	100.0%
18860601	357	1288	BURNETT	13127750	5	Jul 29, 2019	1.60	1.60	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	Jul 29, 2019	0.04	0.06	0.04	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jul 29, 2019	1.31	1.31	1.31	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 29, 2019	0.85	0.85	0.85	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 29, 2019	1.40	1.40	1.40	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 29, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 29, 2019	2.18	2.18	2.18	100.0%

18860901	605	955	Stoecklein 1	13124173	8	Jul 29, 2019	3.20	3.20	3.20	100.0%
18860914	466	232	BECK	13130525	4	Jul 29, 2019	0.66	0.97	0.66	100.0%
18860914	525	1472	BURNETT	13127750	5	Jul 29, 2019	2.24	2.24	2.24	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 29, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 29, 2019	1.26	1.26	1.26	100.0%
18870313	433	683	MOORE	13132050	4	Jul 29, 2019	0.70	1.03	0.70	100.0%
18870313	459	682	MOORE	13132050	4	Jul 29, 2019	0.65	0.96	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Jul 29, 2019	0.42	0.62	0.42	100.0%
18870313	73	2029	BURNETT	13127750	5	Jul 29, 2019	0.65	0.65	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	Jul 29, 2019	0.80	0.80	0.80	100.0%
18870313	73	2028	BURNETT	13127750	5	Jul 29, 2019	1.05	1.05	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 29, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 29, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 29, 2019	3.20	7.77	3.20	100.0%
18870601	468	893	ARCO	13132365	2	Jul 29, 2019	0.24	0.58	0.24	100.0%
18870601	423	76	ARCO	13132365	2	Jul 29, 2019	0.22	0.53	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 29, 2019	1.80	4.37	1.80	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jul 29, 2019	0.50	1.21	0.50	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 29, 2019	1.00	1.48	1.00	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 29, 2019	0.92	0.92	0.92	100.0%
18870601	73	2023	BURNETT	13127750	5	Jul 29, 2019	0.69	0.69	0.69	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 29, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 29, 2019	0.65	0.65	0.65	100.0%
18870601	73	2022	BURNETT	13127750	5	Jul 29, 2019	1.11	1.11	1.11	100.0%
18870630	236	1428	BECK	13130525	4	Jul 29, 2019	0.54	0.80	0.54	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 29, 2019	0.70	0.70	0.70	100.0%
18870701	423	656	ARCO	13132365	2	Jul 29, 2019	0.34	0.83	0.34	100.0%
18870701	423	102	ARCO	13132365	2	Jul 29, 2019	1.60	3.88	1.60	100.0%
18870801	119	1166	BURNETT	13127750	5	Jul 29, 2019	0.27	0.27	0.27	100.0%
18870801	73	2017	BURNETT	13127750	5	Jul 29, 2019	0.38	0.38	0.38	100.0%
18870801	73	2016	BURNETT	13127750	5	Jul 29, 2019	0.62	0.62	0.62	100.0%
18870801	623	2203	BURNETT	13127750	5	Jul 29, 2019	0.53	0.53	0.53	100.0%
18870831	119	1154	BURNETT	13127750	5	Jul 29, 2019	0.30	0.30	0.30	100.0%
18870831	623	2201	BURNETT	13127750	5	Jul 29, 2019	1.20	1.20	1.20	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 29, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 29, 2019	0.49	0.49	0.49	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 29, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 29, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Jul 29, 2019	0.33	0.80	0.33	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 29, 2019	0.98	0.98	0.98	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 29, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 29, 2019	0.40	0.97	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 29, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 29, 2019	0.73	0.73	0.73	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 29, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 29, 2019	0.65	0.65	0.65	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 29, 2019	1.50	1.50	1.50	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 29, 2019	1.50	1.50	1.50	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 29, 2019	1.56	1.56	1.56	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Jul 29, 2019	1.05	1.05	1.05	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Jul 29, 2019	0.29	0.29	0.29	100.0%
18890601	441	205	MOORE	13132050	4	Jul 29, 2019	0.97	1.43	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jul 29, 2019	0.50	0.74	0.50	100.0%
18890601	463	1396	MOORE	13132050	4	Jul 29, 2019	0.20	0.30	0.20	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 29, 2019	0.35	0.52	0.35	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 29, 2019	2.00	2.00	2.00	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 29, 2019	0.80	0.80	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 29, 2019	1.20	1.20	1.20	100.0%
18890601	623	2174	BURNETT	13127750	5	Jul 29, 2019	0.10	0.10	0.10	100.0%
18900601	372	886	ARCO	13132365	2	Jul 29, 2019	0.59	1.43	0.59	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 29, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 29, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 29, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 29, 2019	1.50	1.50	1.50	100.0%

18910630	205	2065	BECK	13130525	4	Jul 29, 2019	0.91	1.34	0.91	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 29, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 29, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 29, 2019	0.26	0.38	0.26	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 29, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 29, 2019	1.45	1.45	1.45	100.0%
18930201	182	539	MOORE	13132050	4	Jul 29, 2019	0.05	0.07	0.05	100.0%
18930201	158	538	MOORE	13132050	4	Jul 29, 2019	0.03	0.04	0.03	100.0%
18930201	463	1423	MOORE	13132050	4	Jul 29, 2019	0.30	0.44	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Jul 29, 2019	0.22	0.32	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 29, 2019	0.05	0.07	0.05	100.0%
18930323	77	366	MOORE	13132050	4	Jul 29, 2019	1.60	2.36	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jul 29, 2019	1.50	2.22	1.50	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 29, 2019	0.74	0.74	0.74	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 29, 2019	0.44	0.44	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	Jul 29, 2019	1.90	1.90	1.90	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 29, 2019	2.80	2.80	2.80	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 29, 2019	1.68	1.68	1.68	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 29, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 29, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jul 29, 2019	0.80	1.18	0.80	100.0%
18940531	77	800	MOORE	13132050	4	Jul 29, 2019	0.74	1.09	0.74	100.0%
18940531	5	776	MOORE	13132050	4	Jul 29, 2019	0.18	0.27	0.18	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 29, 2019	3.20	7.77	3.20	100.0%
18940601	108	922	MOORE	13132050	4	Jul 29, 2019	0.58	0.86	0.58	100.0%
18940601	417	379	MOORE	13132050	4	Jul 29, 2019	0.15	0.22	0.15	100.0%
18940601	158	536	MOORE	13132050	4	Jul 29, 2019	0.02	0.03	0.02	100.0%
18940601	182	537	MOORE	13132050	4	Jul 29, 2019	0.03	0.04	0.03	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 29, 2019	0.11	0.11	0.11	100.0%
18940601	139	713	BURNETT	13127750	5	Jul 29, 2019	0.56	0.56	0.56	100.0%
18940601	360	698	BURNETT	13127750	5	Jul 29, 2019	1.60	1.60	1.60	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 29, 2019	1.20	1.20	1.20	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jul 29, 2019	0.38	0.38	0.38	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 29, 2019	3.20	3.20	3.20	100.0%
18950601	242	212	MOORE	13132050	4	Jul 29, 2019	0.11	0.16	0.11	100.0%
18950601	158	534	MOORE	13132050	4	Jul 29, 2019	0.01	0.01	0.01	100.0%
18950601	417	378	MOORE	13132050	4	Jul 29, 2019	0.10	0.15	0.10	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 29, 2019	0.80	1.18	0.80	100.0%
18950601	182	535	MOORE	13132050	4	Jul 29, 2019	0.03	0.04	0.03	100.0%
18950601	621	1518	EASTSIDE FIELD H	13132061	4	Jul 29, 2019	0.20	0.30	0.20	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 29, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 29, 2019	0.02	0.02	0.02	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 29, 2019	2.62	2.62	2.62	100.0%
18960302	309	873	MOORE	13132050	4	Jul 29, 2019	0.25	0.37	0.25	100.0%
18960302	402	872	MOORE	13132050	4	Jul 29, 2019	0.25	0.37	0.25	100.0%
18960327	29	839	MOORE	13132050	4	Jul 29, 2019	1.60	2.36	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 29, 2019	0.50	0.50	0.50	100.0%
18960601	263	397	MOORE	13132050	4	Jul 29, 2019	0.35	0.52	0.35	100.0%
18960601	96	457	MOORE	13132050	4	Jul 29, 2019	0.92	1.36	0.92	100.0%
18960601	533	424	MOORE	13132050	4	Jul 29, 2019	0.11	0.16	0.11	100.0%
18960601	406	65	MOORE	13132050	4	Jul 29, 2019	0.30	0.44	0.30	100.0%
18960601	158	540	MOORE	13132050	4	Jul 29, 2019	0.32	0.47	0.32	100.0%
18960601	263	399	MOORE	13132050	4	Jul 29, 2019	0.27	0.40	0.27	100.0%
18960601	417	381	MOORE	13132050	4	Jul 29, 2019	2.40	3.54	2.40	100.0%
18960601	417	992	MOORE	13132050	4	Jul 29, 2019	1.20	1.77	1.20	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 29, 2019	0.40	0.59	0.40	100.0%
18960601	463	128	MOORE	13132050	4	Jul 29, 2019	0.74	1.09	0.74	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 29, 2019	1.52	2.24	1.52	100.0%
18960601	652	1567	MOORE	13132050	4	Jul 29, 2019	0.56	0.83	0.56	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 29, 2019	0.23	0.34	0.23	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 29, 2019	1.12	1.65	1.12	100.0%
18960601	441	207	MOORE	13132050	4	Jul 29, 2019	0.77	1.14	0.77	100.0%
18960601	604	1711	MOORE	13132050	4	Jul 29, 2019	0.09	0.13	0.09	100.0%
18960601	402	876	MOORE	13132050	4	Jul 29, 2019	0.08	0.12	0.08	100.0%

18960601	651	1732	MOORE	13132050	4	Jul 29, 2019	0.02	0.03	0.02	100.0%
18960601	309	877	MOORE	13132050	4	Jul 29, 2019	0.08	0.12	0.08	100.0%
18960601	182	541	MOORE	13132050	4	Jul 29, 2019	0.57	0.84	0.57	100.0%
18960601	96	461	MOORE	13132050	4	Jul 29, 2019	0.73	1.08	0.73	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 29, 2019	0.03	0.04	0.03	100.0%
18960601	15	1106	MOORE	13132050	4	Jul 29, 2019	1.17	1.73	1.17	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jul 29, 2019	1.15	1.15	1.15	100.0%
18960630	660	1634	DARLINGTON	13127735	5	Jul 29, 2019	0.86	0.86	0.86	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 29, 2019	2.00	4.85	2.00	100.0%
18960901	437	671	ARCO	13132365	2	Jul 29, 2019	0.13	0.32	0.13	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 29, 2019	4.40	10.68	4.40	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 29, 2019	1.97	4.78	1.97	100.0%
18960928	15	80	MUNSEY	13132375	2	Jul 29, 2019	2.32	5.63	2.32	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 29, 2019	0.03	0.07	0.03	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 29, 2019	0.40	0.97	0.40	100.0%
18960928	90	46	MUNSEY	13132375	2	Jul 29, 2019	1.00	2.43	1.00	100.0%
18970510	437	664	ARCO	13132365	2	Jul 29, 2019	1.02	2.48	1.02	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 29, 2019	4.56	4.56	4.56	100.0%
18970510	411	674	DARLINGTON	13127735	5	Jul 29, 2019	2.27	2.27	2.27	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 29, 2019	3.44	3.44	3.44	100.0%
18970510	73	2019	BURNETT	13127750	5	Jul 29, 2019	0.58	0.58	0.58	100.0%
18970510	73	2018	BURNETT	13127750	5	Jul 29, 2019	0.92	0.92	0.92	100.0%
18970515	604	1877	MOORE	13132050	4	Jul 29, 2019	0.04	0.06	0.04	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 29, 2019	2.00	2.00	2.00	100.0%
18970601	533	427	MOORE	13132050	4	Jul 29, 2019	0.01	0.01	0.01	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 29, 2019	1.12	1.12	1.12	100.0%
18970615	242	214	MOORE	13132050	4	Jul 29, 2019	0.22	0.32	0.22	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 29, 2019	2.26	2.26	2.26	100.0%
18980601	336	984	BURNETT	13127750	5	Jul 29, 2019	0.20	0.20	0.20	100.0%
18980601	322	814	BURNETT	13127750	5	Jul 29, 2019	1.04	1.04	1.04	100.0%
18980901	268	562	ARCO	13132365	2	Jul 29, 2019	1.57	3.81	0.08	5.1%
18990601	130	1076	NEILSEN	13120805	9	Jul 29, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 29, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 29, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 29, 2019	0.52	0.52	0.52	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 29, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 29, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 29, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 29, 2019	2.50	2.50	2.50	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 29, 2019	0.50	0.50	0.50	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 29, 2019	0.90	0.90	0.90	100.0%
19020301	60	624	CHILLY	13121105	9	Jul 29, 2019	0.13	0.13	0.13	100.0%
19020301	60	1777	CHILLY	13121105	9	Jul 29, 2019	0.07	0.07	0.07	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 29, 2019	0.80	0.80	0.80	100.0%
19020301	60	627	CHILLY	13121105	9	Jul 29, 2019	0.18	0.18	0.18	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 29, 2019	2.25	2.25	2.25	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 29, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 29, 2019	2.90	2.90	2.90	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 29, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 29, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 29, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jul 29, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 29, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 29, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 29, 2019	2.00	2.00	2.00	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jul 29, 2019	2.50	2.50	2.50	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 29, 2019	0.28	0.28	0.28	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 29, 2019	0.28	0.28	0.28	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 29, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 29, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 29, 2019	0.24	0.24	0.24	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 29, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 29, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 29, 2019	0.15	0.15	0.15	100.0%

19040601	2329	1740	NEILSEN	13120805	9	Jul 29, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 29, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 29, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 29, 2019	0.13	0.13	0.13	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 29, 2019	1.30	1.30	1.30	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 29, 2019	0.12	0.12	0.12	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 29, 2019	0.40	0.40	0.40	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 29, 2019	0.50	0.50	0.50	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 29, 2019	0.10	0.10	0.10	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 29, 2019	0.30	0.30	0.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 29, 2019	0.65	0.65	0.65	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jul 29, 2019	0.04	0.04	0.04	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 29, 2019	1.52	1.52	1.52	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 29, 2019	0.82	0.82	0.82	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 29, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 29, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 29, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Jul 29, 2019	1.10	1.10	1.10	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 29, 2019	0.78	0.78	0.78	100.0%
19060620	364	691	CHILLY	13121105	9	Jul 29, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 29, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jul 29, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Jul 29, 2019	0.50	0.50	0.50	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 29, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 29, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 29, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 29, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Jul 29, 2019	0.20	0.20	0.20	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 29, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 29, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 29, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 29, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 29, 2019	1.70	1.70	1.70	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 29, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jul 29, 2019	2.20	2.20	2.20	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 29, 2019	1.39	1.39	1.39	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 29, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 29, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 29, 2019	0.80	0.80	0.80	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 29, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Jul 29, 2019	2.35	2.35	2.35	99.9%
19160701	101	1208	NEILSEN	13120805	9	Jul 29, 2019	1.32	1.32	1.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 29, 2019	3.16	3.16	3.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 29, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jul 29, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 30, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 30	352.0	3.0	0.0	355.0	0.00	355.0	3.0	0.0	0.0	352.0	0.0	0.0
9	Howell to Chilly	Jul 30	116.0	101.7	0.0	-134.3	0.38	220.7	97.6	4.1	0.0	120.1	-4.1	0.0
8	Chilly to Reservoir	* Jul 30	355.3	43.9	0.0	283.2	0.00	503.9	43.2	0.7	0.0	360.1	-4.8	0.0
	Disconnected													
7	Mackay Reservoir	* Jul 30	498.5	0.0	0.0	355.3	0.00	386.6	0.8		0.0	354.5	144.0	0.0
6	Reservoir to 2B	Jul 30	489.0	9.5	0.0	0.0	0.00	355.3	9.3	0.2	0.0	345.2	143.8	0.0
5	2B to Leslie	Jul 30	368.0	152.3	0.0	31.3	0.00	386.6	119.8	32.5	0.0	256.6	111.4	0.0
4	Leslie to Moore	Jul 30	105.2	149.9	0.0	-112.9	0.31	386.6	112.1	37.8	0.0	65.8	39.4	0.0
2	Moore to blw Munsey	Jul 30	24.6	50.7	9.0	-38.9	0.37	386.6	41.5	3.6	5.7	0.0	24.6	0.0
1	Blw Munsey to Arco	Jul 30	28.8	0.0	0.0	4.2	0.00	390.8	0.0	0.0	0.0	4.2	24.6	0.0
							TOTAL		427.3	78.9	5.7			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 30	0.0	0.0		19230316	100%
9	Howell to Chilly	Jul 30	0.0	0.0		19230316	100%
8	Chilly to Reservoir	Jul 30	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Jul 30	0.0	0.0		19020501	46%
6	Reservoir to 2B	Jul 30	0.0	0.0		19020501	46%
5	2B to Leslie	Jul 30	0.0	0.0		19020501	46%
4	Leslie to Moore	Jul 30	78.7	34.2		19020501	46%
2	Moore to blw Munsey	Jul 30	24.3	14.6		19020501	46%
1	Blw Munsey to Arco	Jul 30	0.0	0.0		19020501	46%
		TOTAL	103.0	48.7	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	131.7
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118555.0

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
39690.0	39380.0	-310.0	-156.3	13.1

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74704.0
Total Storage Loss	-41813.2
Total Storage Deliver	-20947.7
Total Evaporation	-1662.9
Accounting Balance	39150.1
Current Res Content	39380.0
Storage Balance Error	-229.9

DAILY STORAGE BALANCE

39690.0	Reservoir Content Previous Day [ac-ft]
39380.0	Reservoir Content Current Day [ac-ft]
-310.0	Physical Change in Storage [ac-ft]
1.6	Storage Allocated to Mackay Reservoir [ac-ft]
-145.6	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-34.2	Leslie to Moore [cfs]
-14.6	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-24.6	Past Arco Gage [cfs]
-145.7	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.2	Reservoir to 2B [cfs]
32.5	2B to Leslie [cfs]
37.8	Leslie to Moore [cfs]
3.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-25.9	Evaporation [ac-ft]
-315.6	Accounting Change in Storage [ac-ft]
-5.6	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

355.3	Gain in/above Mackay Reservoir [cfs]
31.3	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
4.2	Gain in Reach 1: Munsey to Arco [cfs]
390.8	Total Available Natural Flow [cfs]
0.8	Reservoir Rights Diverted [cfs]
107.2	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
78.7	Leslie to Moore [cfs]
24.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
4.2	Natural Flow Past Arco Gage [cfs]
282.7	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
9.3	Reservoir to 2B [cfs]
119.8	2B to Leslie [cfs]
112.1	Leslie to Moore [cfs]
41.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
390.7	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	9.8	490
Eastside Felton Wier +	20.1	1005
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	9.0	450
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	38.9	1945
Groundwater to Arco	0.0	0
Groundwater to Munsey	9.0	450

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.2	110
Island Wanstrom David +	0.0	0
Eastside OUT	15.8	790
Total Out	27.1	1355

Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.70

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 69.7%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 6.3 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 9.5 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 13.7 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 265.1%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 5.2 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 11.2 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 221.3%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 184.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 30, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	2.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	9.5	0.2	44.3
9	BITTON	3.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	2.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	26.5	4.4	582.2
9	Thalman Hunter D	2.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	49.8	5.8	940.6
9	NEILSEN	47.1	4.1	644.3	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	76.0	22.2	2022.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	45.6	0.0	6.4	8	Broken River Pum	4.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	14.2	7.0	1001.9
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.8	0.7	150.7	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	2.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	6.0	3.4	138.3
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	325.3
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	7.0	0.0	0.0	8	Freeman Ditch	2.5	0.0	0.0	4	MOORE	116.5	25.4	4135.6
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	11.2	0.0	8580.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	22.0	4.5	1377.1
8	Donahue 2	2.5	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	28.7	-1.5	813.2
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	2.0	571.2	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	661.1
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.0	389.7	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	281.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 30, 2019	5.00	5.00	5.00	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 30, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 30, 2019	0.59	0.59	0.59	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 30, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jul 30, 2019	3.00	3.00	3.00	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 30, 2019	0.27	0.39	0.27	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 30, 2019	1.46	2.11	1.46	100.0%
18830601	224	854	MOORE	13132050	4	Jul 30, 2019	2.80	4.04	2.80	100.0%
18830601	221	855	MOORE	13132050	4	Jul 30, 2019	1.60	2.31	1.60	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 30, 2019	0.79	1.14	0.79	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 30, 2019	1.13	1.63	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 30, 2019	1.70	2.45	1.70	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 30, 2019	0.18	0.26	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 30, 2019	0.01	0.01	0.01	100.0%
18830810	96	449	MOORE	13132050	4	Jul 30, 2019	0.48	0.69	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jul 30, 2019	0.18	0.26	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 30, 2019	0.21	0.31	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 30, 2019	0.43	0.62	0.43	100.0%
18840422	236	30	BECK	13130525	4	Jul 30, 2019	1.64	2.37	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 30, 2019	0.14	0.20	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 30, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Jul 30, 2019	0.12	0.12	0.12	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Jul 30, 2019	1.62	1.62	1.62	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 30, 2019	1.12	1.12	1.12	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 30, 2019	1.70	1.70	1.70	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jul 30, 2019	0.20	0.20	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jul 30, 2019	1.44	1.44	1.44	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Jul 30, 2019	0.14	0.14	0.14	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jul 30, 2019	1.63	1.63	1.63	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jul 30, 2019	0.96	0.96	0.96	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jul 30, 2019	1.46	1.46	1.46	100.0%
18840422	492	1291	DARLINGTON	13127735	5	Jul 30, 2019	0.14	0.14	0.14	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jul 30, 2019	0.55	0.55	0.55	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 30, 2019	0.50	0.50	0.50	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 30, 2019	0.21	0.21	0.21	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 30, 2019	1.92	1.92	1.92	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 30, 2019	0.79	0.79	0.79	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 30, 2019	2.00	2.00	2.00	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 30, 2019	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	Jul 30, 2019	0.08	0.08	0.08	100.0%
18840422	544	2189	SHARP	13126500	6	Jul 30, 2019	1.00	1.00	1.00	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 30, 2019	0.60	0.60	0.60	100.0%
18840422	284	228	SHARP	13126500	6	Jul 30, 2019	0.13	0.13	0.13	100.0%
18840422	397	10	SHARP	13126500	6	Jul 30, 2019	0.12	0.12	0.12	100.0%
18840422	2525	1903	SHARP	13126500	6	Jul 30, 2019	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	Jul 30, 2019	2.30	2.30	2.30	100.0%
18840423	280	1860	SHARP	13126500	6	Jul 30, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jul 30, 2019	1.08	1.56	1.08	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 30, 2019	0.80	0.80	0.80	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 30, 2019	1.23	1.23	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 30, 2019	1.60	1.60	1.60	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 30, 2019	0.40	0.40	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 30, 2019	0.77	0.77	0.77	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 30, 2019	0.40	0.40	0.40	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 30, 2019	0.01	0.01	0.01	100.0%
18840520	263	394	MOORE	13132050	4	Jul 30, 2019	0.22	0.32	0.22	100.0%
18840520	463	1300	MOORE	13132050	4	Jul 30, 2019	1.60	2.31	1.60	100.0%
18840520	180	470	MOORE	13132050	4	Jul 30, 2019	0.16	0.23	0.16	100.0%
18840520	340	816	MOORE	13132050	4	Jul 30, 2019	0.36	0.53	0.36	100.0%

18840520	414	1796	MOORE	13132050	4	Jul 30, 2019	1.60	2.31	1.60	100.0%
18840520	433	271	MOORE	13132050	4	Jul 30, 2019	0.54	0.78	0.54	100.0%
18840520	427	1	MOORE	13132050	4	Jul 30, 2019	1.12	1.62	1.12	100.0%
18840520	96	451	MOORE	13132050	4	Jul 30, 2019	0.58	0.84	0.58	100.0%
18840520	113	585	MOORE	13132050	4	Jul 30, 2019	0.11	0.16	0.11	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 30, 2019	0.38	0.55	0.38	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 30, 2019	0.22	0.32	0.22	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 30, 2019	0.04	0.06	0.04	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 30, 2019	0.90	1.30	0.90	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 30, 2019	0.66	0.95	0.66	100.0%
18840520	14	2061	MOORE	13132050	4	Jul 30, 2019	0.04	0.06	0.04	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 30, 2019	0.78	1.13	0.78	100.0%
18840520	242	210	MOORE	13132050	4	Jul 30, 2019	0.21	0.30	0.21	100.0%
18840520	14	2002	MOORE	13132050	4	Jul 30, 2019	0.02	0.03	0.02	100.0%
18840520	604	2054	MOORE	13132050	4	Jul 30, 2019	1.15	1.66	1.15	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 30, 2019	2.24	3.23	2.24	100.0%
18840520	219	547	MOORE	13132050	4	Jul 30, 2019	1.15	1.66	1.15	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 30, 2019	0.01	0.01	0.01	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 30, 2019	0.18	0.26	0.18	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 30, 2019	2.14	3.09	2.14	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 30, 2019	0.02	0.03	0.02	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 30, 2019	0.80	1.15	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 30, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jul 30, 2019	0.72	0.72	0.72	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 30, 2019	0.08	0.12	0.08	100.0%
18840601	263	395	MOORE	13132050	4	Jul 30, 2019	0.08	0.12	0.08	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 30, 2019	0.01	0.01	0.01	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 30, 2019	1.52	2.19	1.52	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 30, 2019	0.09	0.13	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 30, 2019	0.54	0.78	0.54	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 30, 2019	0.94	1.36	0.94	100.0%
18840601	96	453	MOORE	13132050	4	Jul 30, 2019	0.21	0.30	0.21	100.0%
18840601	15	131	MOORE	13132050	4	Jul 30, 2019	0.37	0.53	0.37	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 30, 2019	0.16	0.23	0.16	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 30, 2019	0.40	0.40	0.40	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 30, 2019	0.73	0.73	0.73	100.0%
18840601	360	693	BURNETT	13127750	5	Jul 30, 2019	0.80	0.80	0.80	100.0%
18840601	73	2027	BURNETT	13127750	5	Jul 30, 2019	0.23	0.23	0.23	100.0%
18840601	73	2026	BURNETT	13127750	5	Jul 30, 2019	0.37	0.37	0.37	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 30, 2019	0.80	0.80	0.80	100.0%
18840601	297	712	BURNETT	13127750	5	Jul 30, 2019	0.28	0.28	0.28	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 30, 2019	0.27	0.27	0.27	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 30, 2019	0.20	0.20	0.20	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 30, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 30, 2019	0.80	0.80	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Jul 30, 2019	0.80	1.15	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 30, 2019	0.80	1.15	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 30, 2019	0.80	1.15	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 30, 2019	1.20	1.73	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Jul 30, 2019	0.80	1.15	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 30, 2019	0.72	1.04	0.72	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 30, 2019	1.20	1.73	1.20	100.0%
18840731	44	1132	MOORE	13132050	4	Jul 30, 2019	0.70	1.01	0.70	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 30, 2019	0.45	0.65	0.45	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 30, 2019	0.80	1.15	0.80	100.0%
18840831	533	421	MOORE	13132050	4	Jul 30, 2019	0.14	0.20	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 30, 2019	0.06	0.09	0.06	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 30, 2019	0.20	0.29	0.20	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 30, 2019	0.40	0.58	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 30, 2019	0.44	0.63	0.44	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 30, 2019	0.50	0.72	0.50	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 30, 2019	3.20	4.62	3.20	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 30, 2019	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Jul 30, 2019	0.80	0.80	0.80	100.0%

18840914	623	2135	BURNETT	13127750	5	Jul 30, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Jul 30, 2019	1.76	2.54	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 30, 2019	0.89	1.28	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Jul 30, 2019	0.58	0.84	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 30, 2019	1.25	1.80	1.25	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 30, 2019	0.45	0.45	0.45	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jul 30, 2019	0.81	0.81	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 30, 2019	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 30, 2019	0.74	0.74	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 30, 2019	3.30	3.30	3.30	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jul 30, 2019	1.20	1.20	1.20	100.0%
18841012	528	1644	SWAUGER	13127600	5	Jul 30, 2019	0.43	0.43	0.43	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 30, 2019	2.78	2.78	2.78	100.0%
18841012	190	418	SWAUGER	13127600	5	Jul 30, 2019	0.11	0.11	0.11	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Jul 30, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 30, 2019	0.61	0.61	0.61	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jul 30, 2019	2.00	2.00	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jul 30, 2019	0.79	0.79	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jul 30, 2019	1.65	1.65	1.65	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jul 30, 2019	1.10	1.10	1.10	100.0%
18850501	423	186	ARCO	13132365	2	Jul 30, 2019	0.26	0.59	0.26	100.0%
18850501	468	59	ARCO	13132365	2	Jul 30, 2019	0.74	1.69	0.74	100.0%
18850501	423	87	ARCO	13132365	2	Jul 30, 2019	0.20	0.46	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 30, 2019	0.24	0.35	0.24	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 30, 2019	0.20	0.29	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 30, 2019	1.80	2.60	1.80	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 30, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 30, 2019	0.50	0.50	0.50	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 30, 2019	1.40	2.02	1.40	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 30, 2019	0.20	0.29	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 30, 2019	0.30	0.43	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 30, 2019	0.56	0.81	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 30, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 30, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 30, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 30, 2019	0.01	0.01	0.01	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 30, 2019	1.56	2.24	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Jul 30, 2019	0.04	0.06	0.04	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Jul 30, 2019	2.00	2.00	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jul 30, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Jul 30, 2019	0.59	0.85	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Jul 30, 2019	0.50	0.72	0.50	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 30, 2019	1.20	1.73	1.20	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Jul 30, 2019	0.90	0.90	0.90	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Jul 30, 2019	0.80	0.80	0.80	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Jul 30, 2019	1.66	1.66	1.66	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Jul 30, 2019	0.40	0.40	0.40	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jul 30, 2019	2.60	2.60	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 30, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jul 30, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Jul 30, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jul 30, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 30, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 30, 2019	3.08	3.08	3.08	100.0%
18851002	437	62	ARCO	13132365	2	Jul 30, 2019	1.54	3.52	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jul 30, 2019	3.60	8.24	3.60	100.0%
18851002	318	817	MUNSEY	13132375	2	Jul 30, 2019	0.80	1.83	0.80	100.0%
18851002	318	545	MUNSEY	13132375	2	Jul 30, 2019	0.75	1.72	0.75	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 30, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 30, 2019	1.60	2.31	1.60	100.0%
18860501	417	644	MOORE	13132050	4	Jul 30, 2019	1.20	1.73	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 30, 2019	2.80	4.04	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 30, 2019	3.26	4.70	3.16	96.9%
18860512	96	459	MOORE	13132050	4	Jul 30, 2019	0.48	0.69	0.48	100.0%

18860512	85	1588	MOORE	13132050	4	Jul 30, 2019	0.18	0.26	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 30, 2019	0.01	0.01	0.01	100.0%
18860512	263	398	MOORE	13132050	4	Jul 30, 2019	0.18	0.26	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 30, 2019	1.77	2.55	0.74	41.8%
18860601	470	1858	MOORE	13132050	4	Jul 30, 2019	0.09	0.13	0.09	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 30, 2019	2.40	3.46	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Jul 30, 2019	0.20	0.29	0.20	100.0%
18860601	357	1288	BURNETT	13127750	5	Jul 30, 2019	1.60	1.60	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	Jul 30, 2019	0.04	0.06	0.04	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Jul 30, 2019	0.85	0.85	0.85	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Jul 30, 2019	1.31	1.31	1.31	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 30, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 30, 2019	1.14	1.14	1.14	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 30, 2019	1.46	1.46	1.46	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 30, 2019	3.20	3.20	3.20	100.0%
18860914	466	232	BECK	13130525	4	Jul 30, 2019	0.66	0.95	0.66	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 30, 2019	1.26	1.26	1.26	100.0%
18860914	525	1472	BURNETT	13127750	5	Jul 30, 2019	0.60	0.60	0.60	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 30, 2019	0.34	0.34	0.34	100.0%
18870313	459	338	MOORE	13132050	4	Jul 30, 2019	0.42	0.61	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Jul 30, 2019	0.70	1.01	0.70	100.0%
18870313	459	682	MOORE	13132050	4	Jul 30, 2019	0.65	0.94	0.65	100.0%
18870313	73	2029	BURNETT	13127750	5	Jul 30, 2019	0.65	0.65	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Jul 30, 2019	1.05	1.05	1.05	100.0%
18870313	360	681	BURNETT	13127750	5	Jul 30, 2019	0.80	0.80	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jul 30, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 30, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 30, 2019	3.20	7.32	3.20	100.0%
18870601	423	76	ARCO	13132365	2	Jul 30, 2019	0.22	0.50	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 30, 2019	1.80	4.12	1.80	100.0%
18870601	468	893	ARCO	13132365	2	Jul 30, 2019	0.24	0.55	0.24	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jul 30, 2019	0.50	1.14	0.50	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 30, 2019	1.00	1.44	1.00	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 30, 2019	0.01	0.01	0.01	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 30, 2019	0.92	0.92	0.92	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 30, 2019	0.25	0.25	0.25	100.0%
18870601	73	2023	BURNETT	13127750	5	Jul 30, 2019	0.69	0.69	0.69	100.0%
18870601	73	2022	BURNETT	13127750	5	Jul 30, 2019	1.11	1.11	1.11	100.0%
18870630	236	1428	BECK	13130525	4	Jul 30, 2019	0.54	0.78	0.54	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 30, 2019	0.58	0.58	0.58	100.0%
18870701	423	102	ARCO	13132365	2	Jul 30, 2019	1.60	3.66	1.60	100.0%
18870701	423	656	ARCO	13132365	2	Jul 30, 2019	0.34	0.78	0.34	100.0%
18870801	73	2017	BURNETT	13127750	5	Jul 30, 2019	0.38	0.38	0.38	100.0%
18870801	119	1166	BURNETT	13127750	5	Jul 30, 2019	0.27	0.27	0.27	100.0%
18870801	623	2203	BURNETT	13127750	5	Jul 30, 2019	0.47	0.47	0.47	100.0%
18870801	73	2016	BURNETT	13127750	5	Jul 30, 2019	0.62	0.62	0.62	100.0%
18870831	119	1154	BURNETT	13127750	5	Jul 30, 2019	1.06	1.06	1.06	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 30, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 30, 2019	0.49	0.49	0.49	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 30, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 30, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jul 30, 2019	0.33	0.76	0.33	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 30, 2019	0.68	0.68	0.68	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 30, 2019	0.98	0.98	0.98	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 30, 2019	0.92	0.92	0.92	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 30, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 30, 2019	0.40	0.92	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 30, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 30, 2019	0.73	0.73	0.73	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 30, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 30, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 30, 2019	1.50	1.50	1.50	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 30, 2019	1.50	1.50	1.50	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Jul 30, 2019	1.50	1.50	1.50	100.0%

18890510	207	1814	DARLINGTON	13127735	5	Jul 30, 2019	0.25	0.25	0.25	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Jul 30, 2019	1.05	1.05	1.05	100.0%
18890601	463	1396	MOORE	13132050	4	Jul 30, 2019	0.20	0.29	0.20	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 30, 2019	0.35	0.50	0.35	100.0%
18890601	441	205	MOORE	13132050	4	Jul 30, 2019	0.97	1.40	0.97	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 30, 2019	1.56	1.56	1.56	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 30, 2019	1.20	1.20	1.20	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 30, 2019	0.80	0.80	0.80	100.0%
18900601	372	886	ARCO	13132365	2	Jul 30, 2019	0.59	1.35	0.59	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 30, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 30, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 30, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 30, 2019	1.50	1.50	1.50	100.0%
18910630	205	2065	BECK	13130525	4	Jul 30, 2019	0.91	1.31	0.91	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 30, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 30, 2019	5.20	5.20	5.20	100.0%
18920101	394	1607	MOORE	13132050	4	Jul 30, 2019	0.26	0.38	0.26	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 30, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 30, 2019	1.45	1.45	1.45	100.0%
18930201	463	1423	MOORE	13132050	4	Jul 30, 2019	0.30	0.43	0.30	100.0%
18930201	182	539	MOORE	13132050	4	Jul 30, 2019	0.05	0.07	0.05	100.0%
18930201	158	538	MOORE	13132050	4	Jul 30, 2019	0.03	0.04	0.03	100.0%
18930201	417	380	MOORE	13132050	4	Jul 30, 2019	0.22	0.32	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 30, 2019	0.11	0.16	0.11	100.0%
18930323	77	688	MOORE	13132050	4	Jul 30, 2019	1.50	2.16	1.50	100.0%
18930323	77	366	MOORE	13132050	4	Jul 30, 2019	1.60	2.31	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 30, 2019	0.74	0.74	0.74	100.0%
18940310	357	15	BURNETT	13127750	5	Jul 30, 2019	1.26	1.26	1.26	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 30, 2019	0.44	0.44	0.44	100.0%
18940310	661	1889	BURNETT	13127750	5	Jul 30, 2019	1.38	1.38	1.38	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 30, 2019	2.80	2.80	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 30, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 30, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jul 30, 2019	0.80	1.15	0.80	100.0%
18940531	5	776	MOORE	13132050	4	Jul 30, 2019	0.18	0.26	0.18	100.0%
18940531	77	800	MOORE	13132050	4	Jul 30, 2019	0.74	1.07	0.74	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 30, 2019	3.20	7.32	3.20	100.0%
18940601	158	536	MOORE	13132050	4	Jul 30, 2019	0.02	0.03	0.02	100.0%
18940601	182	537	MOORE	13132050	4	Jul 30, 2019	0.03	0.04	0.03	100.0%
18940601	417	379	MOORE	13132050	4	Jul 30, 2019	0.15	0.22	0.15	100.0%
18940601	108	922	MOORE	13132050	4	Jul 30, 2019	0.58	0.84	0.58	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 30, 2019	0.11	0.11	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	Jul 30, 2019	1.42	1.42	1.42	100.0%
18940601	2525	1904	SHARP	13126500	6	Jul 30, 2019	0.08	0.08	0.08	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 30, 2019	0.12	0.12	0.12	100.0%
18940601	284	229	SHARP	13126500	6	Jul 30, 2019	0.11	0.11	0.11	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 30, 2019	1.20	1.20	1.20	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jul 30, 2019	0.38	0.38	0.38	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 30, 2019	3.20	3.20	3.20	100.0%
18950601	182	535	MOORE	13132050	4	Jul 30, 2019	0.03	0.04	0.03	100.0%
18950601	242	212	MOORE	13132050	4	Jul 30, 2019	0.11	0.16	0.11	100.0%
18950601	158	534	MOORE	13132050	4	Jul 30, 2019	0.01	0.01	0.01	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 30, 2019	0.80	1.15	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Jul 30, 2019	0.10	0.14	0.10	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 30, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 30, 2019	0.02	0.02	0.02	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 30, 2019	2.62	2.62	2.62	100.0%
18960302	402	872	MOORE	13132050	4	Jul 30, 2019	0.25	0.36	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Jul 30, 2019	0.25	0.36	0.25	100.0%
18960327	29	839	MOORE	13132050	4	Jul 30, 2019	1.60	2.31	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 30, 2019	0.50	0.50	0.50	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 30, 2019	1.54	2.22	1.54	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 30, 2019	0.03	0.04	0.03	100.0%
18960601	96	461	MOORE	13132050	4	Jul 30, 2019	0.73	1.05	0.73	100.0%

18960601	96	457	MOORE	13132050	4	Jul 30, 2019	0.92	1.33	0.92	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 30, 2019	0.02	0.03	0.02	100.0%
18960601	417	992	MOORE	13132050	4	Jul 30, 2019	1.20	1.73	1.20	100.0%
18960601	158	540	MOORE	13132050	4	Jul 30, 2019	0.32	0.46	0.32	100.0%
18960601	441	207	MOORE	13132050	4	Jul 30, 2019	0.85	1.23	0.85	100.0%
18960601	15	1106	MOORE	13132050	4	Jul 30, 2019	1.17	1.69	1.17	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 30, 2019	0.23	0.33	0.23	100.0%
18960601	417	381	MOORE	13132050	4	Jul 30, 2019	2.40	3.46	2.40	100.0%
18960601	309	877	MOORE	13132050	4	Jul 30, 2019	0.08	0.12	0.08	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 30, 2019	1.14	1.64	1.14	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 30, 2019	0.40	0.58	0.40	100.0%
18960601	263	399	MOORE	13132050	4	Jul 30, 2019	0.27	0.39	0.27	100.0%
18960601	263	397	MOORE	13132050	4	Jul 30, 2019	0.35	0.50	0.35	100.0%
18960601	402	876	MOORE	13132050	4	Jul 30, 2019	0.08	0.12	0.08	100.0%
18960601	182	541	MOORE	13132050	4	Jul 30, 2019	0.57	0.82	0.57	100.0%
18960601	406	65	MOORE	13132050	4	Jul 30, 2019	0.30	0.43	0.30	100.0%
18960601	604	1711	MOORE	13132050	4	Jul 30, 2019	0.09	0.13	0.09	100.0%
18960601	463	128	MOORE	13132050	4	Jul 30, 2019	0.80	1.15	0.80	100.0%
18960601	533	424	MOORE	13132050	4	Jul 30, 2019	0.11	0.16	0.11	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jul 30, 2019	1.15	1.15	1.15	100.0%
18960630	660	1634	DARLINGTON	13127735	5	Jul 30, 2019	0.74	0.74	0.74	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 30, 2019	2.00	4.58	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jul 30, 2019	0.34	0.34	0.34	100.0%
18960801	280	1186	SHARP	13126500	6	Jul 30, 2019	0.24	0.24	0.24	100.0%
18960901	437	671	ARCO	13132365	2	Jul 30, 2019	0.13	0.30	0.13	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 30, 2019	0.40	0.92	0.40	100.0%
18960928	90	46	MUNSEY	13132375	2	Jul 30, 2019	1.00	2.29	1.00	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 30, 2019	0.03	0.07	0.03	100.0%
18960928	15	80	MUNSEY	13132375	2	Jul 30, 2019	2.32	5.31	2.32	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 30, 2019	4.40	10.07	4.40	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 30, 2019	1.97	4.51	1.97	100.0%
18970510	437	664	ARCO	13132365	2	Jul 30, 2019	1.02	2.33	1.02	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jul 30, 2019	3.44	3.44	3.44	100.0%
18970510	411	674	DARLINGTON	13127735	5	Jul 30, 2019	1.89	1.89	1.89	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jul 30, 2019	3.82	3.82	3.82	100.0%
18970510	73	2018	BURNETT	13127750	5	Jul 30, 2019	0.32	0.32	0.32	100.0%
18970515	604	1877	MOORE	13132050	4	Jul 30, 2019	0.06	0.09	0.06	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 30, 2019	2.00	2.00	2.00	100.0%
18970601	533	427	MOORE	13132050	4	Jul 30, 2019	0.01	0.01	0.01	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 30, 2019	1.16	1.16	1.16	100.0%
18970615	242	214	MOORE	13132050	4	Jul 30, 2019	0.22	0.32	0.22	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Jul 30, 2019	2.18	2.18	2.18	100.0%
18980601	322	814	BURNETT	13127750	5	Jul 30, 2019	0.54	0.54	0.54	100.0%
18980901	268	562	ARCO	13132365	2	Jul 30, 2019	1.57	3.59	1.57	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 30, 2019	0.47	0.68	0.47	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 30, 2019	0.60	0.87	0.60	100.0%
18990327	219	549	MOORE	13132050	4	Jul 30, 2019	0.23	0.33	0.23	100.0%
18990327	433	272	MOORE	13132050	4	Jul 30, 2019	0.11	0.16	0.11	100.0%
18990327	180	468	MOORE	13132050	4	Jul 30, 2019	0.05	0.07	0.05	100.0%
18990327	14	2062	MOORE	13132050	4	Jul 30, 2019	0.01	0.01	0.01	100.0%
18990327	113	584	MOORE	13132050	4	Jul 30, 2019	0.03	0.04	0.03	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 30, 2019	0.21	0.30	0.21	100.0%
18990327	187	1873	MOORE	13132050	4	Jul 30, 2019	0.07	0.10	0.07	100.0%
18990327	187	1874	MOORE	13132050	4	Jul 30, 2019	0.01	0.01	0.01	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jul 30, 2019	2.80	6.41	2.80	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 30, 2019	0.03	0.04	0.03	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 30, 2019	0.39	0.56	0.39	100.0%
18990601	2612	2137	SWAUGER	13127600	5	Jul 30, 2019	0.52	0.52	0.52	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 30, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 30, 2019	0.60	0.60	0.60	100.0%
18990801	381	48	DARLINGTON	13127735	5	Jul 30, 2019	0.90	0.90	0.90	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jul 30, 2019	0.80	1.83	0.80	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 30, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 30, 2019	0.52	0.52	0.52	100.0%

18991001	2329	1735	NEILSEN	13120805	9	Jul 30, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 30, 2019	0.21	0.21	0.21	100.0%
19000323	77	44	MOORE	13132050	4	Jul 30, 2019	3.00	4.33	3.00	100.0%
19000924	318	543	MUNSEY	13132375	2	Jul 30, 2019	1.04	2.38	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 30, 2019	6.40	6.40	6.40	100.0%
19010722	665	1851	ARCO	13132365	2	Jul 30, 2019	0.15	0.33	0.15	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 30, 2019	2.50	2.50	2.50	100.0%
19011001	263	396	MOORE	13132050	4	Jul 30, 2019	0.06	0.09	0.06	100.0%
19011001	96	455	MOORE	13132050	4	Jul 30, 2019	0.20	0.29	0.20	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 30, 2019	0.01	0.01	0.01	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 30, 2019	0.50	0.50	0.50	100.0%
19020115	442	2143	MUNSEY	13132375	2	Jul 30, 2019	1.52	3.48	1.52	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 30, 2019	0.31	0.44	0.31	100.0%
19020301	15	81	MOORE	13132050	4	Jul 30, 2019	0.38	0.55	0.38	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 30, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 30, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 30, 2019	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 30, 2019	1.60	1.60	1.60	100.0%
19020301	60	624	CHILLY	13121105	9	Jul 30, 2019	0.13	0.13	0.13	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 30, 2019	3.20	3.20	3.20	100.0%
19020301	60	627	CHILLY	13121105	9	Jul 30, 2019	0.18	0.18	0.18	100.0%
19020301	60	1777	CHILLY	13121105	9	Jul 30, 2019	0.07	0.07	0.07	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 30, 2019	2.25	2.25	2.25	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 30, 2019	2.90	2.90	2.90	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 30, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 30, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 30, 2019	2.70	3.89	1.25	46.2%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jul 30, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 30, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 30, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 30, 2019	2.00	2.00	2.00	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Jul 30, 2019	2.50	2.50	2.50	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 30, 2019	0.28	0.28	0.28	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 30, 2019	0.28	0.28	0.28	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 30, 2019	0.24	0.24	0.24	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 30, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 30, 2019	1.08	1.08	1.08	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 30, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 30, 2019	1.60	1.60	1.60	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jul 30, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 30, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 30, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 30, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 30, 2019	0.13	0.13	0.13	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jul 30, 2019	0.04	0.04	0.04	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 30, 2019	1.30	1.30	1.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 30, 2019	1.52	1.52	1.52	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 30, 2019	0.65	0.65	0.65	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 30, 2019	0.82	0.82	0.82	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 30, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 30, 2019	0.40	0.40	0.40	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 30, 2019	0.10	0.10	0.10	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 30, 2019	0.50	0.50	0.50	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 30, 2019	0.12	0.12	0.12	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 30, 2019	0.58	0.58	0.58	100.0%
19050501	364	690	CHILLY	13121105	9	Jul 30, 2019	1.10	1.10	1.10	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 30, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 30, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 30, 2019	0.78	0.78	0.78	100.0%
19060620	364	691	CHILLY	13121105	9	Jul 30, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 30, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jul 30, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Jul 30, 2019	0.50	0.50	0.50	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 30, 2019	0.04	0.04	0.04	100.0%

19100501	2610	2097	Donahue 1	13122230	8	Jul 30, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 30, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 30, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Jul 30, 2019	0.20	0.20	0.20	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 30, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 30, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 30, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 30, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jul 30, 2019	2.20	2.20	2.20	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 30, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 30, 2019	1.70	1.70	1.70	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 30, 2019	1.39	1.39	1.39	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 30, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 30, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 30, 2019	0.02	0.02	0.02	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 30, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Jul 30, 2019	2.35	2.35	2.35	99.9%
19160701	101	1208	NEILSEN	13120805	9	Jul 30, 2019	1.32	1.32	1.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 30, 2019	3.16	3.16	3.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 30, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jul 30, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 31, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jul 31	321.0	3.0	0.0	324.0	0.00	324.0	3.0	0.0	0.0	321.0	0.0	0.0
9	Howell to Chilly	Jul 31	88.0	101.7	0.0	-131.3	0.41	192.7	97.6	4.1	0.0	92.1	-4.1	0.0
8	Chilly to Reservoir	* Jul 31	330.3	43.9	0.0	286.2	0.00	478.9	43.2	0.7	0.0	335.1	-4.8	0.0
	Disconnected													
7	Mackay Reservoir	* Jul 31	490.7	0.0	0.0	330.3	0.00	355.5	0.8		0.0	329.5	161.2	0.0
6	Reservoir to 2B	Jul 31	481.0	9.7	0.0	0.0	0.00	330.3	9.4	0.3	0.0	320.1	160.9	0.0
5	2B to Leslie	Jul 31	366.0	140.2	0.0	25.2	0.00	355.5	84.2	56.0	0.0	261.0	105.0	0.0
4	Leslie to Moore	Jul 31	104.0	145.9	0.0	-116.2	0.32	355.5	115.8	30.1	0.0	62.4	41.6	0.0
2	Moore to blw Munsey	Jul 31	13.4	56.0	0.0	-34.6	0.33	355.5	41.6	14.4	0.0	0.0	13.4	0.0
1	Blw Munsey to Arco	Jul 31	14.7	0.0	0.0	1.3	0.00	356.8	0.0	0.0	0.0	1.3	13.4	0.0
								TOTAL	395.7	105.6	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Jul 31	0.0	0.0		19230316	100%
9	Howell to Chilly	Jul 31	0.0	0.0		19230316	100%
8	Chilly to Reservoir	Jul 31	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Jul 31	0.0	0.0		19760505	19%
6	Reservoir to 2B	Jul 31	0.0	0.0		19760505	19%
5	2B to Leslie	Jul 31	0.0	0.0		19760505	19%
4	Leslie to Moore	Jul 31	82.9	33.3		19760505	19%
2	Moore to blw Munsey	Jul 31	20.7	13.8		19760505	19%
1	Blw Munsey to Arco	Jul 31	0.0	0.0		19760505	19%
		TOTAL	103.6	47.1	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
39380.0	39040.0	-340.0	-171.4	11.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-41933.2
Total Storage Deliver	-21147.7
Total Evaporation	-1684.8
Accounting Balance	38809.8
Current Res Content	39040.0
Storage Balance Error	-230.2

DAILY STORAGE BALANCE

39380.0	Reservoir Content Previous Day [ac-ft]
39040.0	Reservoir Content Current Day [ac-ft]
-340.0	Physical Change in Storage [ac-ft]
1.6	Storage Allocated to Mackay Reservoir [ac-ft]
-120.0	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-33.3	Leslie to Moore [cfs]
-13.8	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-13.4	Past Arco Gage [cfs]
-199.9	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.3	Reservoir to 2B [cfs]
56.0	2B to Leslie [cfs]
30.1	Leslie to Moore [cfs]
14.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-21.9	Evaporation [ac-ft]
-340.2	Accounting Change in Storage [ac-ft]
-0.2	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

330.3	Gain in/above Mackay Reservoir [cfs]
25.2	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
1.3	Gain in Reach 1: Munsey to Arco [cfs]
356.8	Total Available Natural Flow [cfs]
0.8	Reservoir Rights Diverted [cfs]
104.9	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
82.9	Leslie to Moore [cfs]
20.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1.3	Natural Flow Past Arco Gage [cfs]
251.0	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
9.4	Reservoir to 2B [cfs]
84.2	2B to Leslie [cfs]
115.8	Leslie to Moore [cfs]
41.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
356.7	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	9.8	490
Eastside Felton Wier +	19.3	965
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	29.1	1455
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.2	110
Island Wanstrom David +	0.0	0
Eastside OUT	15.6	780
Total Out	26.9	1345
Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.92	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 92.4%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 15.6 cfs
Step 4 - River at Weirs	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 16.9 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 223.2%
Step 6 - River at Eastside In	River at Weirs --- Upper Reach Delivery Factor	= 7.6 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 11.6 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 215.2%
Step 9 - Eastside River Delivery Factor	River at Eastside Out --- River at Eastside In	= 206.3%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Jul 31, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	2.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	9.7	0.3	44.9
9	BITTON	3.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	2.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	26.0	4.4	591.0
9	Thalman Hunter D	2.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	33.2	33.2	1006.4
9	NEILSEN	47.1	4.1	652.4	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	81.0	18.3	2058.9
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	45.6	0.0	6.4	8	Broken River Pum	4.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	14.0	6.9	1015.6
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.8	0.7	152.2	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	2.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	4.0	1.4	141.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	329.3
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	7.0	0.0	0.0	8	Freeman Ditch	2.5	0.0	0.0	4	MOORE	114.3	19.8	4174.8
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	11.6	0.0	8580.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	26.0	9.1	1395.1
8	Donahue 2	2.5	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	30.0	5.3	823.7
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	2.0	575.2	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	661.1
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	389.7	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	281.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jul 31, 2019	5.00	5.00	5.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jul 31, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jul 31, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jul 31, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jul 31, 2019	3.00	3.00	3.00	100.0%
18830601	566	1778	MOORE	13132050	4	Jul 31, 2019	0.27	0.40	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Jul 31, 2019	0.79	1.16	0.79	100.0%
18830601	224	854	MOORE	13132050	4	Jul 31, 2019	2.76	4.04	2.76	100.0%
18830601	106	1082	MOORE	13132050	4	Jul 31, 2019	1.44	2.11	1.44	100.0%
18830601	221	855	MOORE	13132050	4	Jul 31, 2019	1.58	2.31	1.58	100.0%
18830630	223	1192	MOORE	13132050	4	Jul 31, 2019	1.68	2.46	1.68	100.0%
18830630	331	1150	MOORE	13132050	4	Jul 31, 2019	1.13	1.66	1.13	100.0%
18830810	651	1726	MOORE	13132050	4	Jul 31, 2019	0.01	0.01	0.01	100.0%
18830810	263	393	MOORE	13132050	4	Jul 31, 2019	0.18	0.26	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jul 31, 2019	0.48	0.70	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Jul 31, 2019	0.18	0.26	0.18	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Jul 31, 2019	0.43	0.63	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Jul 31, 2019	0.21	0.31	0.21	100.0%
18840422	236	30	BECK	13130525	4	Jul 31, 2019	1.64	2.40	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jul 31, 2019	0.14	0.21	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Jul 31, 2019	1.64	1.64	1.64	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jul 31, 2019	0.07	0.07	0.07	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Jul 31, 2019	1.12	1.12	1.12	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Jul 31, 2019	0.12	0.12	0.12	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Jul 31, 2019	1.62	1.62	1.62	100.0%
18840422	360	133	BURNETT	13127750	5	Jul 31, 2019	2.00	2.00	2.00	100.0%
18840422	490	1749	BURNETT	13127750	5	Jul 31, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Jul 31, 2019	0.79	0.79	0.79	100.0%
18840422	525	1465	BURNETT	13127750	5	Jul 31, 2019	1.92	1.92	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Jul 31, 2019	0.50	0.50	0.50	100.0%
18840422	632	2077	SHARP	13126500	6	Jul 31, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Jul 31, 2019	2.37	2.37	2.37	100.0%
18840422	24	120	SHARP	13126500	6	Jul 31, 2019	0.08	0.08	0.08	100.0%
18840422	544	2189	SHARP	13126500	6	Jul 31, 2019	1.00	1.00	1.00	100.0%
18840422	103	1289	SHARP	13126500	6	Jul 31, 2019	0.60	0.60	0.60	100.0%
18840422	2525	1903	SHARP	13126500	6	Jul 31, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Jul 31, 2019	0.13	0.13	0.13	100.0%
18840423	280	1860	SHARP	13126500	6	Jul 31, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Jul 31, 2019	1.08	1.58	1.08	100.0%
18840430	73	2020	BURNETT	13127750	5	Jul 31, 2019	1.23	1.23	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	Jul 31, 2019	0.77	0.77	0.77	100.0%
18840430	623	2234	BURNETT	13127750	5	Jul 31, 2019	0.40	0.40	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Jul 31, 2019	1.60	1.60	1.60	100.0%
18840430	119	1366	BURNETT	13127750	5	Jul 31, 2019	0.40	0.40	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Jul 31, 2019	0.80	0.80	0.80	100.0%
18840520	187	1935	MOORE	13132050	4	Jul 31, 2019	0.04	0.06	0.04	100.0%
18840520	96	451	MOORE	13132050	4	Jul 31, 2019	0.58	0.85	0.58	100.0%
18840520	85	1584	MOORE	13132050	4	Jul 31, 2019	0.22	0.32	0.22	100.0%
18840520	113	585	MOORE	13132050	4	Jul 31, 2019	0.11	0.16	0.11	100.0%
18840520	2333	657	MOORE	13132050	4	Jul 31, 2019	0.66	0.97	0.66	100.0%
18840520	219	547	MOORE	13132050	4	Jul 31, 2019	1.15	1.68	1.15	100.0%
18840520	156	2002	MOORE	13132050	4	Jul 31, 2019	0.38	0.56	0.38	100.0%
18840520	2331	463	MOORE	13132050	4	Jul 31, 2019	2.24	3.28	2.24	100.0%
18840520	14	2002	MOORE	13132050	4	Jul 31, 2019	0.02	0.03	0.02	100.0%
18840520	187	1872	MOORE	13132050	4	Jul 31, 2019	0.01	0.01	0.01	100.0%
18840520	187	1871	MOORE	13132050	4	Jul 31, 2019	0.18	0.27	0.18	100.0%
18840520	180	470	MOORE	13132050	4	Jul 31, 2019	0.16	0.23	0.16	100.0%
18840520	2331	471	MOORE	13132050	4	Jul 31, 2019	2.14	3.14	2.14	100.0%
18840520	340	816	MOORE	13132050	4	Jul 31, 2019	0.36	0.53	0.36	100.0%

18840520	463	1300	MOORE	13132050	4	Jul 31, 2019	1.60	2.34	1.60	100.0%
18840520	566	1782	MOORE	13132050	4	Jul 31, 2019	0.78	1.14	0.78	100.0%
18840520	2335	1886	MOORE	13132050	4	Jul 31, 2019	0.90	1.32	0.90	100.0%
18840520	459	1478	MOORE	13132050	4	Jul 31, 2019	0.01	0.01	0.01	100.0%
18840520	414	1796	MOORE	13132050	4	Jul 31, 2019	1.60	2.34	1.60	100.0%
18840520	604	2054	MOORE	13132050	4	Jul 31, 2019	1.15	1.68	1.15	100.0%
18840520	427	1	MOORE	13132050	4	Jul 31, 2019	1.10	1.61	1.10	100.0%
18840520	651	1727	MOORE	13132050	4	Jul 31, 2019	0.02	0.03	0.02	100.0%
18840520	14	2061	MOORE	13132050	4	Jul 31, 2019	0.04	0.06	0.04	100.0%
18840520	263	394	MOORE	13132050	4	Jul 31, 2019	0.22	0.32	0.22	100.0%
18840520	433	271	MOORE	13132050	4	Jul 31, 2019	0.54	0.79	0.54	100.0%
18840520	242	210	MOORE	13132050	4	Jul 31, 2019	0.21	0.31	0.21	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Jul 31, 2019	0.80	1.17	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Jul 31, 2019	0.48	0.48	0.48	100.0%
18840601	85	1585	MOORE	13132050	4	Jul 31, 2019	0.08	0.12	0.08	100.0%
18840601	15	131	MOORE	13132050	4	Jul 31, 2019	0.37	0.54	0.37	100.0%
18840601	62	1013	MOORE	13132050	4	Jul 31, 2019	1.52	2.23	1.52	100.0%
18840601	359	1012	MOORE	13132050	4	Jul 31, 2019	0.92	1.35	0.92	100.0%
18840601	263	395	MOORE	13132050	4	Jul 31, 2019	0.08	0.12	0.08	100.0%
18840601	651	1728	MOORE	13132050	4	Jul 31, 2019	0.01	0.01	0.01	100.0%
18840601	85	1545	MOORE	13132050	4	Jul 31, 2019	0.54	0.79	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Jul 31, 2019	0.09	0.13	0.09	100.0%
18840601	96	453	MOORE	13132050	4	Jul 31, 2019	0.21	0.31	0.21	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Jul 31, 2019	0.16	0.23	0.16	100.0%
18840601	119	56	BURNETT	13127750	5	Jul 31, 2019	0.73	0.73	0.73	100.0%
18840601	360	693	BURNETT	13127750	5	Jul 31, 2019	0.80	0.80	0.80	100.0%
18840601	623	2134	BURNETT	13127750	5	Jul 31, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Jul 31, 2019	0.27	0.27	0.27	100.0%
18840601	623	2182	BURNETT	13127750	5	Jul 31, 2019	0.40	0.40	0.40	100.0%
18840601	139	711	BURNETT	13127750	5	Jul 31, 2019	0.80	0.80	0.80	100.0%
18840601	73	2027	BURNETT	13127750	5	Jul 31, 2019	0.23	0.23	0.23	100.0%
18840601	73	2026	BURNETT	13127750	5	Jul 31, 2019	0.37	0.37	0.37	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jul 31, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jul 31, 2019	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	Jul 31, 2019	1.20	1.76	1.20	100.0%
18840715	15	799	MOORE	13132050	4	Jul 31, 2019	0.80	1.17	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jul 31, 2019	1.20	1.76	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Jul 31, 2019	0.80	1.17	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Jul 31, 2019	0.80	1.17	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jul 31, 2019	0.72	1.05	0.72	100.0%
18840715	12	1296	MOORE	13132050	4	Jul 31, 2019	0.78	1.14	0.78	100.0%
18840731	44	1131	MOORE	13132050	4	Jul 31, 2019	0.80	1.17	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Jul 31, 2019	0.43	0.63	0.43	100.0%
18840731	44	1132	MOORE	13132050	4	Jul 31, 2019	0.66	0.97	0.66	100.0%
18840831	306	1694	MOORE	13132050	4	Jul 31, 2019	0.06	0.09	0.06	100.0%
18840831	533	421	MOORE	13132050	4	Jul 31, 2019	0.14	0.21	0.14	100.0%
18840831	306	1200	MOORE	13132050	4	Jul 31, 2019	0.20	0.29	0.20	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Jul 31, 2019	0.50	0.73	0.50	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Jul 31, 2019	0.44	0.64	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Jul 31, 2019	0.40	0.59	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jul 31, 2019	3.20	4.69	3.20	100.0%
18840914	119	696	BURNETT	13127750	5	Jul 31, 2019	0.40	0.40	0.40	100.0%
18840914	623	2135	BURNETT	13127750	5	Jul 31, 2019	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Jul 31, 2019	0.80	0.80	0.80	100.0%
18841012	205	2067	BECK	13130525	4	Jul 31, 2019	1.76	2.58	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jul 31, 2019	1.25	1.83	1.25	100.0%
18841012	459	1079	MOORE	13132050	4	Jul 31, 2019	0.89	1.30	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Jul 31, 2019	0.58	0.85	0.58	100.0%
18841012	524	11	SWAUGER	13127600	5	Jul 31, 2019	2.78	2.78	2.78	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jul 31, 2019	3.30	3.30	3.30	100.0%
18841012	190	418	SWAUGER	13127600	5	Jul 31, 2019	0.11	0.11	0.11	100.0%
18841012	317	385	SWAUGER	13127600	5	Jul 31, 2019	0.74	0.74	0.74	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jul 31, 2019	1.20	1.20	1.20	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jul 31, 2019	2.77	2.77	2.77	100.0%

18841012	317	1485	SWAUGER	13127600	5	Jul 31, 2019	0.81	0.81	0.81	100.0%
18841012	347	1974	SWAUGER	13127600	5	Jul 31, 2019	0.43	0.43	0.43	100.0%
18841012	528	1644	SWAUGER	13127600	5	Jul 31, 2019	0.43	0.43	0.43	100.0%
18841012	347	1974	SHARP	13126500	6	Jul 31, 2019	0.63	0.63	0.63	100.0%
18850501	468	59	ARCO	13132365	2	Jul 31, 2019	0.74	1.62	0.74	100.0%
18850501	423	87	ARCO	13132365	2	Jul 31, 2019	0.20	0.44	0.20	100.0%
18850501	423	186	ARCO	13132365	2	Jul 31, 2019	0.26	0.57	0.26	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Jul 31, 2019	0.24	0.35	0.24	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Jul 31, 2019	0.20	0.29	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Jul 31, 2019	1.80	2.64	1.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jul 31, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jul 31, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Jul 31, 2019	0.20	0.29	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Jul 31, 2019	1.40	2.05	1.40	100.0%
18850515	640	1939	MOORE	13132050	4	Jul 31, 2019	0.30	0.44	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Jul 31, 2019	0.56	0.82	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Jul 31, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Jul 31, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Jul 31, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Jul 31, 2019	0.19	0.19	0.19	100.0%
18850531	63	1354	MOORE	13132050	4	Jul 31, 2019	1.56	2.28	1.56	100.0%
18850601	205	2064	BECK	13130525	4	Jul 31, 2019	0.59	0.86	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Jul 31, 2019	1.16	1.70	1.16	100.0%
18850601	15	859	MOORE	13132050	4	Jul 31, 2019	0.50	0.73	0.50	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Jul 31, 2019	0.80	0.80	0.80	100.0%
18850601	525	1464	BURNETT	13127750	5	Jul 31, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Jul 31, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Jul 31, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Jul 31, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jul 31, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jul 31, 2019	3.08	3.08	3.08	100.0%
18851002	468	61	ARCO	13132365	2	Jul 31, 2019	3.60	7.90	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Jul 31, 2019	1.54	3.38	1.54	100.0%
18851002	318	545	MUNSEY	13132375	2	Jul 31, 2019	0.75	1.65	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Jul 31, 2019	0.80	1.76	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jul 31, 2019	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	Jul 31, 2019	1.60	2.34	1.60	100.0%
18860501	417	1050	MOORE	13132050	4	Jul 31, 2019	2.80	4.10	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jul 31, 2019	1.20	1.76	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Jul 31, 2019	3.26	4.78	2.52	77.2%
18860512	263	398	MOORE	13132050	4	Jul 31, 2019	0.18	0.26	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jul 31, 2019	0.48	0.70	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Jul 31, 2019	0.18	0.26	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Jul 31, 2019	0.01	0.01	0.01	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Jul 31, 2019	1.77	2.59	1.70	96.1%
18860601	470	1323	MOORE	13132050	4	Jul 31, 2019	0.20	0.29	0.20	100.0%
18860601	90	1377	MOORE	13132050	4	Jul 31, 2019	2.40	3.52	2.40	100.0%
18860601	470	1858	MOORE	13132050	4	Jul 31, 2019	0.09	0.13	0.09	100.0%
18860601	357	1288	BURNETT	13127750	5	Jul 31, 2019	1.60	1.60	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	Jul 31, 2019	0.04	0.06	0.04	100.0%
18860721	484	1673	BURNETT	13127750	5	Jul 31, 2019	2.12	2.12	2.12	100.0%
18860721	336	294	BURNETT	13127750	5	Jul 31, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Jul 31, 2019	1.38	1.38	1.38	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jul 31, 2019	3.20	3.20	3.20	100.0%
18860914	466	232	BECK	13130525	4	Jul 31, 2019	0.64	0.94	0.64	100.0%
18860914	490	1795	BURNETT	13127750	5	Jul 31, 2019	1.26	1.26	1.26	100.0%
18860914	525	1472	BURNETT	13127750	5	Jul 31, 2019	2.08	2.08	2.08	100.0%
18860914	490	1753	BURNETT	13127750	5	Jul 31, 2019	0.34	0.34	0.34	100.0%
18870313	459	682	MOORE	13132050	4	Jul 31, 2019	0.65	0.95	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Jul 31, 2019	0.42	0.62	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Jul 31, 2019	0.70	1.03	0.70	100.0%
18870313	73	2029	BURNETT	13127750	5	Jul 31, 2019	0.65	0.65	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	Jul 31, 2019	0.80	0.80	0.80	100.0%
18870313	73	2028	BURNETT	13127750	5	Jul 31, 2019	1.05	1.05	1.05	100.0%

18870401	403	1058	NEILSEN	13120805	9	Jul 31, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jul 31, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jul 31, 2019	3.20	7.02	3.20	100.0%
18870601	423	1028	ARCO	13132365	2	Jul 31, 2019	1.80	3.95	1.80	100.0%
18870601	423	76	ARCO	13132365	2	Jul 31, 2019	0.22	0.48	0.22	100.0%
18870601	468	893	ARCO	13132365	2	Jul 31, 2019	0.24	0.53	0.24	100.0%
18870601	90	1199	MUNSEY	13132375	2	Jul 31, 2019	0.50	1.10	0.50	100.0%
18870601	305	1351	3IN1	13130605	4	Jul 31, 2019	1.00	1.47	1.00	100.0%
18870601	139	845	BURNETT	13127750	5	Jul 31, 2019	0.92	0.92	0.92	100.0%
18870601	490	1747	BURNETT	13127750	5	Jul 31, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Jul 31, 2019	0.59	0.59	0.59	100.0%
18870601	73	2023	BURNETT	13127750	5	Jul 31, 2019	0.69	0.69	0.69	100.0%
18870601	73	2022	BURNETT	13127750	5	Jul 31, 2019	1.11	1.11	1.11	100.0%
18870630	236	1428	BECK	13130525	4	Jul 31, 2019	0.52	0.76	0.52	100.0%
18870630	323	945	BURNETT	13127750	5	Jul 31, 2019	0.68	0.68	0.68	100.0%
18870701	423	102	ARCO	13132365	2	Jul 31, 2019	1.60	3.51	1.60	100.0%
18870701	423	656	ARCO	13132365	2	Jul 31, 2019	0.34	0.75	0.34	100.0%
18870801	119	1166	BURNETT	13127750	5	Jul 31, 2019	0.27	0.27	0.27	100.0%
18870801	623	2203	BURNETT	13127750	5	Jul 31, 2019	0.53	0.53	0.53	100.0%
18870801	73	2016	BURNETT	13127750	5	Jul 31, 2019	0.62	0.62	0.62	100.0%
18870801	73	2017	BURNETT	13127750	5	Jul 31, 2019	0.38	0.38	0.38	100.0%
18870831	119	1154	BURNETT	13127750	5	Jul 31, 2019	0.26	0.26	0.26	100.0%
18870831	623	2201	BURNETT	13127750	5	Jul 31, 2019	0.38	0.38	0.38	100.0%
18880401	279	2120	Anderson	13120745	9	Jul 31, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Jul 31, 2019	0.49	0.49	0.49	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Jul 31, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Jul 31, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Jul 31, 2019	0.33	0.72	0.33	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Jul 31, 2019	0.98	0.98	0.98	100.0%
18880601	347	1973	SWAUGER	13127600	5	Jul 31, 2019	0.65	0.65	0.65	100.0%
18880601	347	1973	SHARP	13126500	6	Jul 31, 2019	0.95	0.95	0.95	100.0%
18880601	629	1497	HOWELL	13120490	10	Jul 31, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Jul 31, 2019	0.40	0.88	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Jul 31, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Jul 31, 2019	0.73	0.73	0.73	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Jul 31, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Jul 31, 2019	0.30	0.30	0.30	100.0%
18881101	59	2222	BITTON	13120735	9	Jul 31, 2019	1.50	1.50	1.50	100.0%
18881101	2610	2095	BITTON	13120735	9	Jul 31, 2019	1.50	1.50	1.50	100.0%
18890601	599	1552	MOORE	13132050	4	Jul 31, 2019	0.35	0.51	0.35	100.0%
18890601	441	205	MOORE	13132050	4	Jul 31, 2019	0.97	1.42	0.97	100.0%
18890601	463	1396	MOORE	13132050	4	Jul 31, 2019	0.20	0.29	0.20	100.0%
18890601	322	968	BURNETT	13127750	5	Jul 31, 2019	0.80	0.80	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	Jul 31, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jul 31, 2019	2.00	2.00	2.00	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jul 31, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Jul 31, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jul 31, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jul 31, 2019	1.50	1.50	1.50	100.0%
18910630	205	2065	BECK	13130525	4	Jul 31, 2019	0.87	1.27	0.87	100.0%
18910630	322	1247	BURNETT	13127750	5	Jul 31, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Jul 31, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jul 31, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jul 31, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Jul 31, 2019	0.05	0.07	0.05	100.0%
18930201	463	1423	MOORE	13132050	4	Jul 31, 2019	0.30	0.44	0.30	100.0%
18930201	182	539	MOORE	13132050	4	Jul 31, 2019	0.05	0.07	0.05	100.0%
18930201	158	538	MOORE	13132050	4	Jul 31, 2019	0.03	0.04	0.03	100.0%
18930201	417	380	MOORE	13132050	4	Jul 31, 2019	0.22	0.32	0.22	100.0%
18930323	77	366	MOORE	13132050	4	Jul 31, 2019	1.60	2.34	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jul 31, 2019	1.50	2.20	1.50	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jul 31, 2019	0.74	0.74	0.74	100.0%
18940310	357	15	BURNETT	13127750	5	Jul 31, 2019	1.84	1.84	1.84	100.0%
18940310	265	2217	BURNETT	13127750	5	Jul 31, 2019	2.80	2.80	2.80	100.0%

18940310	661	1889	BURNETT	13127750	5	Jul 31, 2019	1.66	1.66	1.66	100.0%
18940310	475	989	BURNETT	13127750	5	Jul 31, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	Jul 31, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jul 31, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jul 31, 2019	0.80	1.17	0.80	100.0%
18940531	5	776	MOORE	13132050	4	Jul 31, 2019	0.18	0.26	0.18	100.0%
18940531	77	800	MOORE	13132050	4	Jul 31, 2019	0.74	1.08	0.74	100.0%
18940601	223	1363	MUNSEY	13132375	2	Jul 31, 2019	3.20	7.02	3.20	100.0%
18940601	108	922	MOORE	13132050	4	Jul 31, 2019	0.58	0.85	0.58	100.0%
18940601	417	379	MOORE	13132050	4	Jul 31, 2019	0.15	0.22	0.15	100.0%
18940601	158	536	MOORE	13132050	4	Jul 31, 2019	0.02	0.03	0.02	100.0%
18940601	182	537	MOORE	13132050	4	Jul 31, 2019	0.03	0.04	0.03	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jul 31, 2019	0.11	0.11	0.11	100.0%
18940601	139	713	BURNETT	13127750	5	Jul 31, 2019	0.52	0.52	0.52	100.0%
18940601	360	698	BURNETT	13127750	5	Jul 31, 2019	1.60	1.60	1.60	100.0%
18940601	284	229	SHARP	13126500	6	Jul 31, 2019	0.11	0.11	0.11	100.0%
18940601	2525	1904	SHARP	13126500	6	Jul 31, 2019	0.10	0.10	0.10	100.0%
18940601	632	1724	SHARP	13126500	6	Jul 31, 2019	0.12	0.12	0.12	100.0%
18940601	307	39	CHILLY	13121105	9	Jul 31, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Jul 31, 2019	3.20	3.20	3.20	100.0%
18950601	158	534	MOORE	13132050	4	Jul 31, 2019	0.01	0.01	0.01	100.0%
18950601	182	535	MOORE	13132050	4	Jul 31, 2019	0.03	0.04	0.03	100.0%
18950601	180	1343	MOORE	13132050	4	Jul 31, 2019	0.80	1.17	0.80	100.0%
18950601	242	212	MOORE	13132050	4	Jul 31, 2019	0.11	0.16	0.11	100.0%
18950601	417	378	MOORE	13132050	4	Jul 31, 2019	0.10	0.15	0.10	100.0%
18950601	445	411	NEILSEN	13120805	9	Jul 31, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jul 31, 2019	0.18	0.18	0.18	100.0%
18950630	265	2218	BURNETT	13127750	5	Jul 31, 2019	2.62	2.62	2.62	100.0%
18960302	309	873	MOORE	13132050	4	Jul 31, 2019	0.25	0.37	0.25	100.0%
18960302	402	872	MOORE	13132050	4	Jul 31, 2019	0.25	0.37	0.25	100.0%
18960327	29	839	MOORE	13132050	4	Jul 31, 2019	1.60	2.34	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jul 31, 2019	0.50	0.50	0.50	100.0%
18960601	158	540	MOORE	13132050	4	Jul 31, 2019	0.32	0.47	0.32	100.0%
18960601	417	381	MOORE	13132050	4	Jul 31, 2019	2.40	3.52	2.40	100.0%
18960601	651	1732	MOORE	13132050	4	Jul 31, 2019	0.02	0.03	0.02	100.0%
18960601	182	541	MOORE	13132050	4	Jul 31, 2019	0.57	0.84	0.57	100.0%
18960601	441	207	MOORE	13132050	4	Jul 31, 2019	0.77	1.13	0.77	100.0%
18960601	463	128	MOORE	13132050	4	Jul 31, 2019	0.74	1.08	0.74	100.0%
18960601	442	2196	MOORE	13132050	4	Jul 31, 2019	1.52	2.23	1.52	100.0%
18960601	651	1730	MOORE	13132050	4	Jul 31, 2019	0.03	0.04	0.03	100.0%
18960601	604	1711	MOORE	13132050	4	Jul 31, 2019	0.09	0.13	0.09	100.0%
18960601	309	877	MOORE	13132050	4	Jul 31, 2019	0.08	0.12	0.08	100.0%
18960601	85	1521	MOORE	13132050	4	Jul 31, 2019	0.23	0.34	0.23	100.0%
18960601	533	424	MOORE	13132050	4	Jul 31, 2019	0.11	0.16	0.11	100.0%
18960601	15	1106	MOORE	13132050	4	Jul 31, 2019	1.17	1.71	1.17	100.0%
18960601	263	399	MOORE	13132050	4	Jul 31, 2019	0.27	0.40	0.27	100.0%
18960601	96	461	MOORE	13132050	4	Jul 31, 2019	0.73	1.07	0.73	100.0%
18960601	417	992	MOORE	13132050	4	Jul 31, 2019	1.20	1.76	1.20	100.0%
18960601	406	65	MOORE	13132050	4	Jul 31, 2019	0.30	0.44	0.30	100.0%
18960601	96	457	MOORE	13132050	4	Jul 31, 2019	0.92	1.35	0.92	100.0%
18960601	402	876	MOORE	13132050	4	Jul 31, 2019	0.08	0.12	0.08	100.0%
18960601	13	1119	MOORE	13132050	4	Jul 31, 2019	0.40	0.59	0.40	100.0%
18960601	263	397	MOORE	13132050	4	Jul 31, 2019	0.35	0.51	0.35	100.0%
18960601	85	1522	MOORE	13132050	4	Jul 31, 2019	1.12	1.64	1.12	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jul 31, 2019	2.00	4.39	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Jul 31, 2019	0.40	0.40	0.40	100.0%
18960801	280	1186	SHARP	13126500	6	Jul 31, 2019	0.30	0.30	0.30	100.0%
18960901	437	671	ARCO	13132365	2	Jul 31, 2019	0.13	0.29	0.13	100.0%
18960928	442	2158	MUNSEY	13132375	2	Jul 31, 2019	4.40	9.66	4.40	100.0%
18960928	90	46	MUNSEY	13132375	2	Jul 31, 2019	1.00	2.19	1.00	100.0%
18960928	15	80	MUNSEY	13132375	2	Jul 31, 2019	2.32	5.09	2.32	100.0%
18960928	407	307	MUNSEY	13132375	2	Jul 31, 2019	0.40	0.88	0.40	100.0%
18960928	150	216	MUNSEY	13132375	2	Jul 31, 2019	0.03	0.07	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	Jul 31, 2019	1.97	4.32	1.97	100.0%

18970510	437	664	ARCO	13132365	2	Jul 31, 2019	1.02	2.24	1.02	100.0%
18970510	73	2019	BURNETT	13127750	5	Jul 31, 2019	0.58	0.58	0.58	100.0%
18970510	73	2018	BURNETT	13127750	5	Jul 31, 2019	0.92	0.92	0.92	100.0%
18970515	604	1877	MOORE	13132050	4	Jul 31, 2019	0.04	0.06	0.04	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jul 31, 2019	2.00	2.00	2.00	100.0%
18970601	533	427	MOORE	13132050	4	Jul 31, 2019	0.01	0.01	0.01	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jul 31, 2019	1.02	1.02	1.02	100.0%
18970615	242	214	MOORE	13132050	4	Jul 31, 2019	0.22	0.32	0.22	100.0%
18980601	322	814	BURNETT	13127750	5	Jul 31, 2019	0.98	0.98	0.98	100.0%
18980601	336	984	BURNETT	13127750	5	Jul 31, 2019	0.14	0.14	0.14	100.0%
18980901	268	562	ARCO	13132365	2	Jul 31, 2019	1.57	3.45	1.57	100.0%
18990327	566	1830	MOORE	13132050	4	Jul 31, 2019	0.21	0.31	0.21	100.0%
18990327	113	584	MOORE	13132050	4	Jul 31, 2019	0.03	0.04	0.03	100.0%
18990327	187	1873	MOORE	13132050	4	Jul 31, 2019	0.07	0.10	0.07	100.0%
18990327	2331	467	MOORE	13132050	4	Jul 31, 2019	0.60	0.88	0.60	100.0%
18990327	14	2062	MOORE	13132050	4	Jul 31, 2019	0.01	0.01	0.01	100.0%
18990327	2331	469	MOORE	13132050	4	Jul 31, 2019	0.54	0.79	0.54	100.0%
18990327	433	272	MOORE	13132050	4	Jul 31, 2019	0.09	0.13	0.09	100.0%
18990327	180	468	MOORE	13132050	4	Jul 31, 2019	0.05	0.07	0.05	100.0%
18990327	187	1874	MOORE	13132050	4	Jul 31, 2019	0.01	0.01	0.01	100.0%
18990327	219	549	MOORE	13132050	4	Jul 31, 2019	0.21	0.31	0.21	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jul 31, 2019	2.80	6.14	2.80	100.0%
18990518	73	2030	BURNETT	13127750	5	Jul 31, 2019	0.25	0.25	0.25	100.0%
18990518	73	2031	BURNETT	13127750	5	Jul 31, 2019	0.11	0.11	0.11	100.0%
18990601	180	2110	MOORE	13132050	4	Jul 31, 2019	0.37	0.54	0.37	100.0%
18990601	140	2071	MOORE	13132050	4	Jul 31, 2019	0.03	0.04	0.03	100.0%
18990601	2612	2137	SWAUGER	13127600	5	Jul 31, 2019	0.40	0.40	0.40	100.0%
18990601	360	704	BURNETT	13127750	5	Jul 31, 2019	1.20	1.20	1.20	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jul 31, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jul 31, 2019	2.74	2.74	2.74	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jul 31, 2019	0.80	1.76	0.80	100.0%
18991001	279	2122	Anderson	13120745	9	Jul 31, 2019	0.52	0.52	0.52	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Jul 31, 2019	0.52	0.52	0.52	100.0%
18991001	682	2180	NEILSEN	13120805	9	Jul 31, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Jul 31, 2019	0.46	0.46	0.46	100.0%
19000323	77	44	MOORE	13132050	4	Jul 31, 2019	2.92	4.28	2.92	100.0%
19000924	318	543	MUNSEY	13132375	2	Jul 31, 2019	1.04	2.28	1.04	100.0%
19001101	310	833	CHILLY	13121105	9	Jul 31, 2019	6.40	6.40	6.40	100.0%
19010722	665	1851	ARCO	13132365	2	Jul 31, 2019	0.15	0.32	0.15	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jul 31, 2019	2.50	2.50	2.50	100.0%
19011001	263	396	MOORE	13132050	4	Jul 31, 2019	0.04	0.06	0.04	100.0%
19011001	651	1729	MOORE	13132050	4	Jul 31, 2019	0.01	0.01	0.01	100.0%
19011001	96	455	MOORE	13132050	4	Jul 31, 2019	0.16	0.23	0.16	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Jul 31, 2019	0.50	0.50	0.50	100.0%
19020115	442	2143	MUNSEY	13132375	2	Jul 31, 2019	1.52	3.34	1.52	100.0%
19020301	13	1122	MOORE	13132050	4	Jul 31, 2019	0.31	0.45	0.31	100.0%
19020301	15	81	MOORE	13132050	4	Jul 31, 2019	0.34	0.50	0.34	100.0%
19020301	56	1996	MACKAY DAM	13126000	7	Jul 31, 2019	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jul 31, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	Jul 31, 2019	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	Jul 31, 2019	1.60	1.60	1.60	100.0%
19020301	60	1777	CHILLY	13121105	9	Jul 31, 2019	0.07	0.07	0.07	100.0%
19020301	60	627	CHILLY	13121105	9	Jul 31, 2019	0.18	0.18	0.18	100.0%
19020301	364	952	CHILLY	13121105	9	Jul 31, 2019	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	Jul 31, 2019	2.90	2.90	2.90	100.0%
19020301	60	624	CHILLY	13121105	9	Jul 31, 2019	0.13	0.13	0.13	100.0%
19020301	307	676	CHILLY	13121105	9	Jul 31, 2019	2.25	2.25	2.25	100.0%
19020304	129	2186	CHILLY	13121105	9	Jul 31, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jul 31, 2019	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jul 31, 2019	2.70	3.96	2.70	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Jul 31, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Jul 31, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Jul 31, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jul 31, 2019	2.00	2.00	2.00	100.0%

19020601	154	2157	Freeman Ditch	13124165	8	Jul 31, 2019	2.50	2.50	2.50	100.0%
19020601	279	2126	Anderson	13120745	9	Jul 31, 2019	0.28	0.28	0.28	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Jul 31, 2019	0.28	0.28	0.28	100.0%
19020601	232	2220	NEILSEN	13120805	9	Jul 31, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Jul 31, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Jul 31, 2019	0.24	0.24	0.24	100.0%
19030224	364	953	CHILLY	13121105	9	Jul 31, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jul 31, 2019	1.60	1.60	1.60	100.0%
19040517	170	1052	MOORE	13132050	4	Jul 31, 2019	0.60	0.88	0.60	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Jul 31, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Jul 31, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jul 31, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jul 31, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jul 31, 2019	0.13	0.13	0.13	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jul 31, 2019	0.82	0.82	0.82	100.0%
19050501	255	402	NEILSEN	13120805	9	Jul 31, 2019	0.50	0.50	0.50	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jul 31, 2019	0.65	0.65	0.65	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Jul 31, 2019	0.04	0.04	0.04	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jul 31, 2019	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	Jul 31, 2019	0.30	0.30	0.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jul 31, 2019	1.52	1.52	1.52	100.0%
19050501	130	74	NEILSEN	13120805	9	Jul 31, 2019	1.30	1.30	1.30	100.0%
19050501	232	2155	NEILSEN	13120805	9	Jul 31, 2019	0.12	0.12	0.12	100.0%
19050501	154	2152	NEILSEN	13120805	9	Jul 31, 2019	0.10	0.10	0.10	100.0%
19050501	364	629	CHILLY	13121105	9	Jul 31, 2019	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	Jul 31, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	Jul 31, 2019	0.78	0.78	0.78	100.0%
19050501	364	690	CHILLY	13121105	9	Jul 31, 2019	1.10	1.10	1.10	100.0%
19050905	629	1499	HOWELL	13120490	10	Jul 31, 2019	0.78	0.78	0.78	100.0%
19060620	364	691	CHILLY	13121105	9	Jul 31, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Jul 31, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Jul 31, 2019	1.37	1.37	1.37	100.0%
19080709	475	1098	BURNETT	13127750	5	Jul 31, 2019	1.12	1.12	1.12	100.0%
19080715	364	692	CHILLY	13121105	9	Jul 31, 2019	0.50	0.50	0.50	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Jul 31, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Jul 31, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jul 31, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Jul 31, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Jul 31, 2019	0.20	0.20	0.20	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jul 31, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jul 31, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Jul 31, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Jul 31, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Jul 31, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jul 31, 2019	2.20	2.20	2.20	100.0%
19121014	130	75	NEILSEN	13120805	9	Jul 31, 2019	1.70	1.70	1.70	100.0%
19130124	29	50	MOORE	13132050	4	Jul 31, 2019	1.42	2.08	1.42	100.0%
19131224	373	25	CHILLY	13121105	9	Jul 31, 2019	1.39	1.39	1.39	100.0%
19140601	445	412	NEILSEN	13120805	9	Jul 31, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jul 31, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Jul 31, 2019	0.80	0.80	0.80	100.0%
19150503	90	1091	MUNSEY	13132375	2	Jul 31, 2019	0.14	0.31	0.14	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jul 31, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Jul 31, 2019	2.35	2.35	2.35	99.9%
19160701	101	1208	NEILSEN	13120805	9	Jul 31, 2019	1.32	1.32	1.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Jul 31, 2019	3.16	3.16	3.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Jul 31, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jul 31, 2019	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jul 31, 2019	0.50	0.73	0.50	100.0%
19600501	90	175	MOORE	13132050	4	Jul 31, 2019	0.44	0.64	0.44	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jul 31, 2019	0.22	0.48	0.22	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jul 31, 2019	2.22	4.87	0.42	18.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 1, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Aug 1	305.0	2.5	0.0	307.5	0.00	307.5	2.5	0.0	0.0	305.0	0.0	0.0
9	Howell to Chilly	Aug 1	78.0	102.7	0.0	-124.3	0.41	183.2	98.6	4.1	0.0	82.1	-4.1	0.0
8	Chilly to Reservoir	* Aug 1	312.0	41.4	0.0	275.4	0.00	458.6	40.7	0.7	0.0	316.8	-4.8	0.0
	Disconnected													
7	Mackay Reservoir	* Aug 1	487.2	0.0	0.0	312.0	0.00	338.4	0.0		0.0	312.0	175.2	0.0
6	Reservoir to 2B	Aug 1	478.0	9.2	0.0	0.0	0.00	312.0	9.0	0.2	0.0	303.1	174.9	0.0
5	2B to Leslie	Aug 1	355.0	149.4	0.0	26.4	0.00	338.4	108.6	40.8	0.0	220.8	134.2	0.0
4	Leslie to Moore	Aug 1	93.7	145.6	0.0	-115.7	0.33	338.4	100.5	45.1	0.0	48.4	45.3	0.0
2	Moore to blw Munsey	Aug 1	7.3	54.8	0.0	-31.6	0.34	338.4	32.1	22.7	0.0	0.0	7.3	0.0
1	Blw Munsey to Arco	Aug 1	10.1	0.0	0.0	2.8	0.00	341.2	0.0	0.0	0.0	2.8	7.3	0.0
							TOTAL		391.9	113.6	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 1	0.0	0.0		19230316	100%
9	Howell to Chilly	Aug 1	0.0	0.0		19230316	100%
8	Chilly to Reservoir	Aug 1	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 1	0.0	0.0		18960928	88%
6	Reservoir to 2B	Aug 1	0.0	0.0		18960928	88%
5	2B to Leslie	Aug 1	0.0	0.0		18960928	88%
4	Leslie to Moore	Aug 1	72.0	43.7		18960928	88%
2	Moore to blw Munsey	Aug 1	16.3	15.3		18960928	88%
1	Blw Munsey to Arco	Aug 1	0.0	0.0		18960928	88%
		TOTAL	88.3	59.0	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
39040.0	38670.0	-370.0	-186.5	11.4

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-42064.7
Total Storage Deliver	-21363.5
Total Evaporation	-1707.3
Accounting Balance	38440.0
Current Res Content	38670.0
Storage Balance Error	-230.0

DAILY STORAGE BALANCE

39040.0	Reservoir Content Previous Day [ac-ft]
38670.0	Reservoir Content Current Day [ac-ft]
-370.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-131.5	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-43.7	Leslie to Moore [cfs]
-15.3	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-7.3	Past Arco Gage [cfs]
-215.9	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.2	Reservoir to 2B [cfs]
40.8	2B to Leslie [cfs]
45.1	Leslie to Moore [cfs]
22.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-22.5	Evaporation [ac-ft]
-369.9	Accounting Change in Storage [ac-ft]
0.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

312.0	Gain in/above Mackay Reservoir [cfs]
26.4	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
2.8	Gain in Reach 1: Munsey to Arco [cfs]
341.2	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
91.1	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
72.0	Leslie to Moore [cfs]
16.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
2.8	Natural Flow Past Arco Gage [cfs]
250.2	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
9.0	Reservoir to 2B [cfs]
108.6	2B to Leslie [cfs]
100.5	Leslie to Moore [cfs]
32.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
341.3	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	9.3	465
Eastside Felton Wier +	18.1	905
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	27.4	1370
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.8	140
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.2	110
Island Wanstrom David +	0.0	0
Eastside OUT	13.9	695
Total Out	25.2	1260
Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.92	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 92.0%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 13.9 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 15.1 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 222.2%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 6.8 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 12.3 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 214.2%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 204.3%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 1, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	2.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	9.2	0.2	45.3
9	BITTON	3.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	3.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	26.2	5.9	602.7
9	Thalman Hunter D	2.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	43.2	12.2	1030.7
9	NEILSEN	47.1	4.1	660.4	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	80.0	22.6	2103.8
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	45.6	0.0	6.4	8	Broken River Pum	4.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	14.0	6.9	1029.3
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.8	0.7	153.6	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	2.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	3.0	3.0	147.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	333.2
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	7.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	114.3	33.2	4240.7
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	12.3	0.0	8580.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	24.8	7.7	1410.4
8	Donahue 2	2.5	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	30.0	15.0	853.5
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	3.0	581.2	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	661.1
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	389.7	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	281.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 01, 2019	5.00	5.00	5.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 01, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 01, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 01, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Aug 01, 2019	3.00	3.00	3.00	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 01, 2019	0.79	1.17	0.79	100.0%
18830601	221	855	MOORE	13132050	4	Aug 01, 2019	1.58	2.34	1.58	100.0%
18830601	224	854	MOORE	13132050	4	Aug 01, 2019	2.76	4.09	2.76	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 01, 2019	0.27	0.40	0.27	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 01, 2019	1.44	2.14	1.44	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 01, 2019	1.13	1.68	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 01, 2019	1.68	2.49	1.68	100.0%
18830810	85	1583	MOORE	13132050	4	Aug 01, 2019	0.18	0.27	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Aug 01, 2019	0.01	0.01	0.01	100.0%
18830810	263	393	MOORE	13132050	4	Aug 01, 2019	0.18	0.27	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Aug 01, 2019	0.48	0.71	0.48	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Aug 01, 2019	0.43	0.64	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 01, 2019	0.21	0.31	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 01, 2019	1.64	2.43	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Aug 01, 2019	0.14	0.21	0.14	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 01, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SWAUGER	13127600	5	Aug 01, 2019	1.70	1.70	1.70	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 01, 2019	1.62	1.62	1.62	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 01, 2019	0.07	0.07	0.07	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Aug 01, 2019	1.12	1.12	1.12	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 01, 2019	2.17	2.17	2.17	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 01, 2019	0.96	0.96	0.96	100.0%
18840422	492	1291	DARLINGTON	13127735	5	Aug 01, 2019	0.14	0.14	0.14	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 01, 2019	0.14	0.14	0.14	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 01, 2019	1.44	1.44	1.44	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 01, 2019	0.20	0.20	0.20	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 01, 2019	0.55	0.55	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 01, 2019	1.63	1.63	1.63	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 01, 2019	2.00	2.00	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 01, 2019	0.50	0.50	0.50	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 01, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 01, 2019	0.79	0.79	0.79	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 01, 2019	1.92	1.92	1.92	100.0%
18840422	24	120	SHARP	13126500	6	Aug 01, 2019	0.06	0.06	0.06	100.0%
18840422	347	938	SHARP	13126500	6	Aug 01, 2019	2.30	2.30	2.30	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 01, 2019	0.58	0.58	0.58	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 01, 2019	0.12	0.12	0.12	100.0%
18840422	284	228	SHARP	13126500	6	Aug 01, 2019	0.13	0.13	0.13	100.0%
18840422	544	2189	SHARP	13126500	6	Aug 01, 2019	1.00	1.00	1.00	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 01, 2019	0.08	0.08	0.08	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 01, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Aug 01, 2019	1.08	1.60	1.08	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 01, 2019	0.77	0.77	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 01, 2019	1.23	1.23	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 01, 2019	1.60	1.60	1.60	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 01, 2019	0.40	0.40	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 01, 2019	0.80	0.80	0.80	100.0%
18840430	623	2234	BURNETT	13127750	5	Aug 01, 2019	0.40	0.40	0.40	100.0%
18840520	85	1584	MOORE	13132050	4	Aug 01, 2019	0.22	0.33	0.22	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 01, 2019	0.02	0.03	0.02	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 01, 2019	0.04	0.06	0.04	100.0%
18840520	96	451	MOORE	13132050	4	Aug 01, 2019	0.58	0.86	0.58	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 01, 2019	0.78	1.16	0.78	100.0%
18840520	427	1	MOORE	13132050	4	Aug 01, 2019	1.10	1.63	1.10	100.0%

18840520	219	547	MOORE	13132050	4	Aug 01, 2019	1.15	1.71	1.15	100.0%
18840520	156	2002	MOORE	13132050	4	Aug 01, 2019	0.38	0.56	0.38	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 01, 2019	0.66	0.98	0.66	100.0%
18840520	180	470	MOORE	13132050	4	Aug 01, 2019	0.16	0.24	0.16	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 01, 2019	1.15	1.71	1.15	100.0%
18840520	113	585	MOORE	13132050	4	Aug 01, 2019	0.11	0.16	0.11	100.0%
18840520	651	1727	MOORE	13132050	4	Aug 01, 2019	0.02	0.03	0.02	100.0%
18840520	340	816	MOORE	13132050	4	Aug 01, 2019	0.36	0.53	0.36	100.0%
18840520	433	271	MOORE	13132050	4	Aug 01, 2019	0.54	0.80	0.54	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 01, 2019	0.01	0.01	0.01	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 01, 2019	1.60	2.37	1.60	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 01, 2019	2.24	3.32	2.24	100.0%
18840520	263	394	MOORE	13132050	4	Aug 01, 2019	0.22	0.33	0.22	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 01, 2019	1.60	2.37	1.60	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 01, 2019	2.14	3.17	2.14	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 01, 2019	0.18	0.27	0.18	100.0%
18840520	242	210	MOORE	13132050	4	Aug 01, 2019	0.21	0.31	0.21	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 01, 2019	0.01	0.01	0.01	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 01, 2019	0.04	0.06	0.04	100.0%
18840520	2335	1886	MOORE	13132050	4	Aug 01, 2019	0.90	1.34	0.90	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 01, 2019	0.80	1.19	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Aug 01, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 01, 2019	0.72	0.72	0.72	100.0%
18840601	15	131	MOORE	13132050	4	Aug 01, 2019	0.37	0.55	0.37	100.0%
18840601	85	1544	MOORE	13132050	4	Aug 01, 2019	0.09	0.13	0.09	100.0%
18840601	96	453	MOORE	13132050	4	Aug 01, 2019	0.21	0.31	0.21	100.0%
18840601	651	1728	MOORE	13132050	4	Aug 01, 2019	0.01	0.01	0.01	100.0%
18840601	263	395	MOORE	13132050	4	Aug 01, 2019	0.08	0.12	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Aug 01, 2019	0.54	0.80	0.54	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 01, 2019	0.92	1.36	0.92	100.0%
18840601	85	1585	MOORE	13132050	4	Aug 01, 2019	0.08	0.12	0.08	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 01, 2019	0.16	0.24	0.16	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 01, 2019	0.37	0.37	0.37	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 01, 2019	0.23	0.23	0.23	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 01, 2019	0.80	0.80	0.80	100.0%
18840601	623	2134	BURNETT	13127750	5	Aug 01, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Aug 01, 2019	0.27	0.27	0.27	100.0%
18840601	360	693	BURNETT	13127750	5	Aug 01, 2019	0.80	0.80	0.80	100.0%
18840601	623	2182	BURNETT	13127750	5	Aug 01, 2019	0.40	0.40	0.40	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 01, 2019	0.73	0.73	0.73	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 01, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 01, 2019	0.40	0.40	0.40	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 01, 2019	0.78	1.16	0.78	100.0%
18840715	15	799	MOORE	13132050	4	Aug 01, 2019	0.80	1.19	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 01, 2019	0.80	1.19	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Aug 01, 2019	0.72	1.07	0.72	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 01, 2019	1.20	1.78	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 01, 2019	1.20	1.78	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Aug 01, 2019	0.80	1.19	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 01, 2019	0.66	0.98	0.66	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 01, 2019	0.80	1.19	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 01, 2019	0.43	0.64	0.43	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 01, 2019	0.20	0.30	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 01, 2019	0.06	0.09	0.06	100.0%
18840831	533	421	MOORE	13132050	4	Aug 01, 2019	0.14	0.21	0.14	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Aug 01, 2019	0.44	0.65	0.44	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 01, 2019	0.50	0.74	0.50	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 01, 2019	0.40	0.59	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 01, 2019	3.20	4.75	3.20	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 01, 2019	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Aug 01, 2019	0.80	0.80	0.80	100.0%
18840914	623	2135	BURNETT	13127750	5	Aug 01, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Aug 01, 2019	1.76	2.61	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Aug 01, 2019	1.25	1.85	1.25	100.0%

18841012	459	1079	MOORE	13132050	4	Aug 01, 2019	0.89	1.32	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Aug 01, 2019	0.58	0.86	0.58	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 01, 2019	0.11	0.11	0.11	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 01, 2019	3.30	3.30	3.30	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 01, 2019	0.74	0.74	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 01, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 01, 2019	0.81	0.81	0.81	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 01, 2019	0.43	0.43	0.43	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 01, 2019	1.20	1.20	1.20	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 01, 2019	2.78	2.78	2.78	100.0%
18841012	347	1974	SWAUGER	13127600	5	Aug 01, 2019	0.45	0.45	0.45	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Aug 01, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Aug 01, 2019	0.61	0.61	0.61	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 01, 2019	2.00	2.00	2.00	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 01, 2019	0.68	0.68	0.68	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 01, 2019	1.65	1.65	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 01, 2019	0.61	0.61	0.61	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 01, 2019	0.79	0.79	0.79	100.0%
18850501	468	59	ARCO	13132365	2	Aug 01, 2019	0.74	1.66	0.74	100.0%
18850501	423	186	ARCO	13132365	2	Aug 01, 2019	0.26	0.58	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Aug 01, 2019	0.20	0.45	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 01, 2019	0.24	0.36	0.24	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Aug 01, 2019	1.80	2.67	1.80	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Aug 01, 2019	0.20	0.30	0.20	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 01, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 01, 2019	0.50	0.50	0.50	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 01, 2019	1.40	2.08	1.40	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 01, 2019	0.20	0.30	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 01, 2019	0.30	0.45	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 01, 2019	0.56	0.83	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 01, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 01, 2019	0.11	0.11	0.11	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 01, 2019	0.19	0.19	0.19	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 01, 2019	0.01	0.01	0.01	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 01, 2019	1.56	2.31	1.56	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 01, 2019	0.86	0.86	0.86	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 01, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Aug 01, 2019	0.59	0.88	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Aug 01, 2019	0.50	0.74	0.50	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 01, 2019	1.16	1.72	1.16	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 01, 2019	0.82	0.82	0.82	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 01, 2019	2.60	2.60	2.60	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Aug 01, 2019	0.40	0.40	0.40	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Aug 01, 2019	1.66	1.66	1.66	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Aug 01, 2019	0.80	0.80	0.80	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 01, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Aug 01, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Aug 01, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 01, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 01, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 01, 2019	3.08	3.08	3.08	100.0%
18851002	437	62	ARCO	13132365	2	Aug 01, 2019	1.54	3.45	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Aug 01, 2019	3.60	8.06	3.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 01, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	Aug 01, 2019	1.20	1.78	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 01, 2019	2.80	4.15	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 01, 2019	3.26	4.84	2.57	78.8%
18860512	85	1588	MOORE	13132050	4	Aug 01, 2019	0.18	0.27	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Aug 01, 2019	0.01	0.01	0.01	100.0%
18860512	96	459	MOORE	13132050	4	Aug 01, 2019	0.48	0.71	0.48	100.0%
18860512	263	398	MOORE	13132050	4	Aug 01, 2019	0.18	0.27	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Aug 01, 2019	1.77	2.63	1.77	100.0%
18860601	90	1377	MOORE	13132050	4	Aug 01, 2019	2.40	3.56	2.40	100.0%
18860601	470	1858	MOORE	13132050	4	Aug 01, 2019	0.09	0.13	0.09	100.0%

18860601	470	1323	MOORE	13132050	4	Aug 01, 2019	0.20	0.30	0.20	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 01, 2019	1.38	2.05	0.64	46.0%
18860601	357	1288	BURNETT	13127750	5	Aug 01, 2019	1.60	1.60	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	Aug 01, 2019	0.04	0.06	0.04	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Aug 01, 2019	0.85	0.85	0.85	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 01, 2019	1.31	1.31	1.31	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 01, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 01, 2019	2.12	2.12	2.12	100.0%
18860721	260	1668	BURNETT	13127750	5	Aug 01, 2019	1.38	1.38	1.38	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 01, 2019	3.20	3.20	3.20	100.0%
18860914	466	232	BECK	13130525	4	Aug 01, 2019	0.64	0.95	0.64	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 01, 2019	2.08	2.08	2.08	100.0%
18860914	490	1795	BURNETT	13127750	5	Aug 01, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 01, 2019	0.34	0.34	0.34	100.0%
18870313	459	682	MOORE	13132050	4	Aug 01, 2019	0.65	0.96	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Aug 01, 2019	0.42	0.62	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Aug 01, 2019	0.70	1.04	0.70	100.0%
18870313	73	2028	BURNETT	13127750	5	Aug 01, 2019	1.05	1.05	1.05	100.0%
18870313	73	2029	BURNETT	13127750	5	Aug 01, 2019	0.65	0.65	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	Aug 01, 2019	0.80	0.80	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 01, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 01, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Aug 01, 2019	3.20	7.16	3.20	100.0%
18870601	423	1028	ARCO	13132365	2	Aug 01, 2019	1.80	4.03	1.80	100.0%
18870601	423	76	ARCO	13132365	2	Aug 01, 2019	0.22	0.49	0.22	100.0%
18870601	468	893	ARCO	13132365	2	Aug 01, 2019	1.40	3.13	1.40	100.0%
18870601	90	1199	MUNSEY	13132375	2	Aug 01, 2019	0.50	1.12	0.50	100.0%
18870601	252	353	DARLINGTON	13127735	5	Aug 01, 2019	0.43	0.43	0.43	100.0%
18870601	73	2023	BURNETT	13127750	5	Aug 01, 2019	0.69	0.69	0.69	100.0%
18870601	73	2022	BURNETT	13127750	5	Aug 01, 2019	1.11	1.11	1.11	100.0%
18870601	490	1747	BURNETT	13127750	5	Aug 01, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Aug 01, 2019	0.59	0.59	0.59	100.0%
18870601	139	845	BURNETT	13127750	5	Aug 01, 2019	0.92	0.92	0.92	100.0%
18870630	236	1428	BECK	13130525	4	Aug 01, 2019	0.52	0.77	0.52	100.0%
18870630	323	945	BURNETT	13127750	5	Aug 01, 2019	0.68	0.68	0.68	100.0%
18870701	423	656	ARCO	13132365	2	Aug 01, 2019	1.30	2.91	1.30	100.0%
18870701	423	102	ARCO	13132365	2	Aug 01, 2019	1.60	3.58	1.60	100.0%
18870801	73	2016	BURNETT	13127750	5	Aug 01, 2019	0.62	0.62	0.62	100.0%
18870801	73	2017	BURNETT	13127750	5	Aug 01, 2019	0.38	0.38	0.38	100.0%
18870801	119	1166	BURNETT	13127750	5	Aug 01, 2019	0.27	0.27	0.27	100.0%
18870801	623	2203	BURNETT	13127750	5	Aug 01, 2019	0.53	0.53	0.53	100.0%
18870831	119	1154	BURNETT	13127750	5	Aug 01, 2019	0.26	0.26	0.26	100.0%
18870831	623	2201	BURNETT	13127750	5	Aug 01, 2019	0.38	0.38	0.38	100.0%
18880401	279	2120	Anderson	13120745	9	Aug 01, 2019	0.58	0.58	0.58	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Aug 01, 2019	0.39	0.39	0.39	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 01, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 01, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Aug 01, 2019	0.33	0.74	0.33	100.0%
18880601	347	1973	SWAUGER	13127600	5	Aug 01, 2019	0.67	0.67	0.67	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Aug 01, 2019	0.98	0.98	0.98	100.0%
18880601	347	1973	SHARP	13126500	6	Aug 01, 2019	0.91	0.91	0.91	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 01, 2019	1.60	1.60	1.60	100.0%
18880801	423	111	ARCO	13132365	2	Aug 01, 2019	0.20	0.45	0.20	100.0%
18880801	442	750	MUNSEY	13132375	2	Aug 01, 2019	0.40	0.90	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Aug 01, 2019	0.87	0.87	0.87	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Aug 01, 2019	0.58	0.58	0.58	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 01, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 01, 2019	0.30	0.30	0.30	100.0%
18881101	59	2222	BITTON	13120735	9	Aug 01, 2019	1.50	1.50	1.50	100.0%
18881101	2610	2095	BITTON	13120735	9	Aug 01, 2019	1.50	1.50	1.50	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Aug 01, 2019	1.22	1.22	1.22	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Aug 01, 2019	0.05	0.05	0.05	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Aug 01, 2019	1.05	1.05	1.05	100.0%
18890601	599	1552	MOORE	13132050	4	Aug 01, 2019	0.35	0.52	0.35	100.0%

18890601	463	1396	MOORE	13132050	4	Aug 01, 2019	0.20	0.30	0.20	100.0%
18890601	441	205	MOORE	13132050	4	Aug 01, 2019	0.97	1.44	0.97	100.0%
18890601	322	968	BURNETT	13127750	5	Aug 01, 2019	0.80	0.80	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	Aug 01, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Aug 01, 2019	2.00	2.00	2.00	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 01, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 01, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 01, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Aug 01, 2019	1.50	1.50	1.50	100.0%
18910630	205	2065	BECK	13130525	4	Aug 01, 2019	0.87	1.29	0.87	100.0%
18910630	322	1247	BURNETT	13127750	5	Aug 01, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 01, 2019	5.20	5.20	5.20	100.0%
18920501	468	60	ARCO	13132365	2	Aug 01, 2019	0.56	1.25	0.56	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 01, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 01, 2019	1.45	1.45	1.45	100.0%
18930201	158	538	MOORE	13132050	4	Aug 01, 2019	0.03	0.04	0.03	100.0%
18930201	417	380	MOORE	13132050	4	Aug 01, 2019	0.22	0.33	0.22	100.0%
18930201	463	1423	MOORE	13132050	4	Aug 01, 2019	0.30	0.45	0.30	100.0%
18930201	182	539	MOORE	13132050	4	Aug 01, 2019	0.05	0.07	0.05	100.0%
18930201	459	1423	MOORE	13132050	4	Aug 01, 2019	0.05	0.07	0.05	100.0%
18930323	77	366	MOORE	13132050	4	Aug 01, 2019	1.60	2.37	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Aug 01, 2019	1.50	2.23	1.50	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 01, 2019	0.74	0.74	0.74	100.0%
18940310	475	989	BURNETT	13127750	5	Aug 01, 2019	0.44	0.44	0.44	100.0%
18940310	661	1889	BURNETT	13127750	5	Aug 01, 2019	1.66	1.66	1.66	100.0%
18940310	265	2217	BURNETT	13127750	5	Aug 01, 2019	2.80	2.80	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	Aug 01, 2019	1.84	1.84	1.84	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 01, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 01, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Aug 01, 2019	0.80	1.19	0.80	100.0%
18940531	77	800	MOORE	13132050	4	Aug 01, 2019	0.74	1.10	0.74	100.0%
18940531	5	776	MOORE	13132050	4	Aug 01, 2019	0.18	0.27	0.18	100.0%
18940601	223	1363	MUNSEY	13132375	2	Aug 01, 2019	3.20	7.16	3.20	100.0%
18940601	108	922	MOORE	13132050	4	Aug 01, 2019	0.58	0.86	0.58	100.0%
18940601	182	537	MOORE	13132050	4	Aug 01, 2019	0.03	0.04	0.03	100.0%
18940601	158	536	MOORE	13132050	4	Aug 01, 2019	0.02	0.03	0.02	100.0%
18940601	417	379	MOORE	13132050	4	Aug 01, 2019	0.15	0.22	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	Aug 01, 2019	0.11	0.11	0.11	100.0%
18940601	139	713	BURNETT	13127750	5	Aug 01, 2019	0.52	0.52	0.52	100.0%
18940601	360	698	BURNETT	13127750	5	Aug 01, 2019	1.60	1.60	1.60	100.0%
18940601	2525	1904	SHARP	13126500	6	Aug 01, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Aug 01, 2019	0.09	0.09	0.09	100.0%
18940601	632	1724	SHARP	13126500	6	Aug 01, 2019	0.10	0.10	0.10	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 01, 2019	1.20	1.20	1.20	100.0%
18940926	252	357	DARLINGTON	13127735	5	Aug 01, 2019	0.30	0.30	0.30	100.0%
18940926	381	866	DARLINGTON	13127735	5	Aug 01, 2019	0.38	0.38	0.38	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 01, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Aug 01, 2019	0.10	0.15	0.10	100.0%
18950601	180	1343	MOORE	13132050	4	Aug 01, 2019	0.80	1.19	0.80	100.0%
18950601	242	212	MOORE	13132050	4	Aug 01, 2019	0.11	0.16	0.11	100.0%
18950601	182	535	MOORE	13132050	4	Aug 01, 2019	0.03	0.04	0.03	100.0%
18950601	158	534	MOORE	13132050	4	Aug 01, 2019	0.01	0.01	0.01	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 01, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 01, 2019	0.18	0.18	0.18	100.0%
18950630	265	2218	BURNETT	13127750	5	Aug 01, 2019	2.62	2.62	2.62	100.0%
18960302	309	873	MOORE	13132050	4	Aug 01, 2019	0.25	0.38	0.25	100.0%
18960302	402	872	MOORE	13132050	4	Aug 01, 2019	0.25	0.38	0.25	100.0%
18960327	29	839	MOORE	13132050	4	Aug 01, 2019	1.60	2.37	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Aug 01, 2019	0.50	0.50	0.50	100.0%
18960601	15	1106	MOORE	13132050	4	Aug 01, 2019	1.17	1.74	1.17	100.0%
18960601	13	1119	MOORE	13132050	4	Aug 01, 2019	0.40	0.59	0.40	100.0%
18960601	406	65	MOORE	13132050	4	Aug 01, 2019	0.30	0.45	0.30	100.0%
18960601	263	399	MOORE	13132050	4	Aug 01, 2019	0.27	0.40	0.27	100.0%
18960601	85	1521	MOORE	13132050	4	Aug 01, 2019	0.23	0.34	0.23	100.0%

18960601	96	457	MOORE	13132050	4	Aug 01, 2019	0.92	1.36	0.92	100.0%
18960601	96	461	MOORE	13132050	4	Aug 01, 2019	0.73	1.08	0.73	100.0%
18960601	263	397	MOORE	13132050	4	Aug 01, 2019	0.35	0.52	0.35	100.0%
18960601	651	1730	MOORE	13132050	4	Aug 01, 2019	0.03	0.04	0.03	100.0%
18960601	309	877	MOORE	13132050	4	Aug 01, 2019	0.08	0.12	0.08	100.0%
18960601	533	424	MOORE	13132050	4	Aug 01, 2019	0.11	0.16	0.11	100.0%
18960601	85	1522	MOORE	13132050	4	Aug 01, 2019	1.12	1.66	1.12	100.0%
18960601	604	1711	MOORE	13132050	4	Aug 01, 2019	0.09	0.13	0.09	100.0%
18960601	463	128	MOORE	13132050	4	Aug 01, 2019	0.74	1.10	0.74	100.0%
18960601	651	1732	MOORE	13132050	4	Aug 01, 2019	0.02	0.03	0.02	100.0%
18960601	417	381	MOORE	13132050	4	Aug 01, 2019	2.40	3.56	2.40	100.0%
18960601	402	876	MOORE	13132050	4	Aug 01, 2019	0.08	0.12	0.08	100.0%
18960601	158	540	MOORE	13132050	4	Aug 01, 2019	0.32	0.47	0.32	100.0%
18960601	441	207	MOORE	13132050	4	Aug 01, 2019	0.77	1.14	0.77	100.0%
18960601	442	2196	MOORE	13132050	4	Aug 01, 2019	1.52	2.25	1.52	100.0%
18960601	417	992	MOORE	13132050	4	Aug 01, 2019	1.20	1.78	1.20	100.0%
18960601	182	541	MOORE	13132050	4	Aug 01, 2019	0.57	0.85	0.57	100.0%
18960601	252	359	DARLINGTON	13127735	5	Aug 01, 2019	0.13	0.13	0.13	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Aug 01, 2019	0.97	0.97	0.97	100.0%
18960801	327	1137	MUNSEY	13132375	2	Aug 01, 2019	2.00	4.48	2.00	100.0%
18960801	544	2206	SHARP	13126500	6	Aug 01, 2019	0.26	0.26	0.26	100.0%
18960801	280	1186	SHARP	13126500	6	Aug 01, 2019	0.18	0.18	0.18	100.0%
18960901	437	671	ARCO	13132365	2	Aug 01, 2019	0.13	0.29	0.13	100.0%
18960928	15	80	MUNSEY	13132375	2	Aug 01, 2019	2.32	5.19	2.03	87.7%
18960928	90	46	MUNSEY	13132375	2	Aug 01, 2019	1.00	2.24	0.88	87.7%
18960928	442	2158	MUNSEY	13132375	2	Aug 01, 2019	4.40	9.85	3.86	87.7%
18960928	407	307	MUNSEY	13132375	2	Aug 01, 2019	0.40	0.90	0.35	87.7%
18960928	150	216	MUNSEY	13132375	2	Aug 01, 2019	0.03	0.07	0.03	87.7%
18960928	150	215	MUNSEY	13132375	2	Aug 01, 2019	1.97	4.41	1.73	87.7%
18970515	130	1286	NEILSEN	13120805	9	Aug 01, 2019	2.00	2.00	2.00	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 01, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 01, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Aug 01, 2019	0.62	0.62	0.62	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Aug 01, 2019	0.41	0.41	0.41	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 01, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 01, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 01, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	Aug 01, 2019	2.50	2.50	2.50	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Aug 01, 2019	0.50	0.50	0.50	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 01, 2019	0.90	0.90	0.90	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 01, 2019	0.18	0.18	0.18	100.0%
19020301	60	1777	CHILLY	13121105	9	Aug 01, 2019	0.07	0.07	0.07	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 01, 2019	0.13	0.13	0.13	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 01, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 01, 2019	2.25	2.25	2.25	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 01, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 01, 2019	2.90	2.90	2.90	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 01, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 01, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 01, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 01, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 01, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 01, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Aug 01, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Aug 01, 2019	0.93	0.93	0.93	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Aug 01, 2019	0.62	0.62	0.62	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 01, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 01, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Aug 01, 2019	0.24	0.24	0.24	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 01, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 01, 2019	1.60	1.60	1.60	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Aug 01, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 01, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 01, 2019	1.40	1.40	1.40	100.0%

19050501	575	891	Broken River Pum	13124050	8	Aug 01, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 01, 2019	0.13	0.13	0.13	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 01, 2019	0.50	0.50	0.50	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Aug 01, 2019	0.04	0.04	0.04	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 01, 2019	0.82	0.82	0.82	100.0%
19050501	232	2155	NEILSEN	13120805	9	Aug 01, 2019	0.12	0.12	0.12	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 01, 2019	0.65	0.65	0.65	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 01, 2019	1.52	1.52	1.52	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 01, 2019	0.10	0.10	0.10	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 01, 2019	1.30	1.30	1.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 01, 2019	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 01, 2019	0.30	0.30	0.30	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 01, 2019	1.10	1.10	1.10	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 01, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 01, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 01, 2019	0.40	0.40	0.40	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 01, 2019	0.28	0.28	0.28	100.0%
19060620	364	691	CHILLY	13121105	9	Aug 01, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 01, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 01, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Aug 01, 2019	0.50	0.50	0.50	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Aug 01, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Aug 01, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 01, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Aug 01, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Aug 01, 2019	0.20	0.20	0.20	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Aug 01, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 01, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 01, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 01, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 01, 2019	1.70	1.70	1.70	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 01, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Aug 01, 2019	2.20	2.20	2.20	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 01, 2019	1.39	1.39	1.39	100.0%
19140601	445	412	NEILSEN	13120805	9	Aug 01, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 01, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	Aug 01, 2019	0.02	0.02	0.02	100.0%
19160501	101	1371	NEILSEN	13120805	9	Aug 01, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Aug 01, 2019	2.35	2.35	2.35	99.9%
19160701	101	1208	NEILSEN	13120805	9	Aug 01, 2019	1.32	1.32	1.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Aug 01, 2019	3.16	3.16	3.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 01, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 01, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 2, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Aug 2	310.0	2.5	0.0	312.5	0.00	312.5	2.5	0.0	0.0	310.0	0.0	0.0
9	Howell to Chilly	Aug 2	77.0	102.7	0.0	-130.3	0.42	182.2	98.6	4.1	0.0	81.1	-4.1	0.0
8	Chilly to Reservoir	* Aug 2	319.0	41.4	0.0	283.4	0.00	465.6	40.7	0.7	0.0	323.8	-4.8	0.0
	Disconnected													
7	Mackay Reservoir	* Aug 2	483.8	0.0	0.0	319.0	0.00	344.8	0.0		0.0	319.0	164.8	0.0
6	Reservoir to 2B	Aug 2	475.0	8.8	0.0	0.0	0.00	319.0	8.8	0.0	0.0	310.2	164.8	0.0
5	2B to Leslie	Aug 2	346.0	154.8	0.0	25.8	0.00	344.8	112.4	42.4	0.0	223.6	122.4	0.0
4	Leslie to Moore	Aug 2	93.6	148.4	0.0	-104.0	0.30	344.8	106.2	42.2	0.0	50.2	43.4	0.0
2	Moore to blw Munsey	Aug 2	5.2	54.8	0.0	-33.6	0.36	344.8	32.2	22.6	0.0	0.0	5.2	0.0
1	Blw Munsey to Arco	Aug 2	4.9	0.0	0.0	-0.3	0.06	344.8	0.0	0.0	0.0	0.0	4.9	0.0
								TOTAL	401.4	112.0	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 2	0.0	0.0		19230316	100%
9	Howell to Chilly	Aug 2	0.0	0.0		19230316	100%
8	Chilly to Reservoir	Aug 2	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 2	0.0	0.0		18990327	25%
6	Reservoir to 2B	Aug 2	0.0	0.0		18990327	25%
5	2B to Leslie	Aug 2	0.0	0.0		18990327	25%
4	Leslie to Moore	Aug 2	67.2	36.8		18990327	25%
2	Moore to blw Munsey	Aug 2	18.0	15.6		18990327	25%
1	Blw Munsey to Arco	Aug 2	0.0	0.3		18990327	25%
		TOTAL	85.2	52.7	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
38670.0	38320.0	-350.0	-176.5	11.7

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-42178.9
Total Storage Deliver	-21576.1
Total Evaporation	-1730.5
Accounting Balance	38090.1
Current Res Content	38320.0
Storage Balance Error	-229.9

DAILY STORAGE BALANCE

38670.0	Reservoir Content Previous Day [ac-ft]
38320.0	Reservoir Content Current Day [ac-ft]
-350.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-114.2	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-36.8	Leslie to Moore [cfs]
-15.6	Moore blw Munsey [cfs]
-0.3	blw Munsey to Arco Gage [cfs]
-4.9	Past Arco Gage [cfs]
-212.6	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.0	Reservoir to 2B [cfs]
42.4	2B to Leslie [cfs]
42.2	Leslie to Moore [cfs]
22.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-23.2	Evaporation [ac-ft]
-350.0	Accounting Change in Storage [ac-ft]
0.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

319.0	Gain in/above Mackay Reservoir [cfs]
25.8	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
344.8	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
85.2	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
67.2	Leslie to Moore [cfs]
18.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
259.6	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
8.8	Reservoir to 2B [cfs]
112.4	2B to Leslie [cfs]
106.2	Leslie to Moore [cfs]
32.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
344.8	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	9.6	480
Eastside Felton Wier +	17.0	850
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	26.6	1330
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.2	110
Island Wanstrom David +	0.0	0
Eastside OUT	14.9	745
Total Out	28.2	1410

Abbreviated Reach Delivery Factor 1.06
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 106.0%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 14.9 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 14.1 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 158.5%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 8.9 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 17.4 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 162.8%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 168.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 2, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	2.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	8.8	0.0	45.3
9	BITTON	3.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	3.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	26.0	7.8	618.2
9	Thalman Hunter D	2.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	49.8	11.7	1053.9
9	NEILSEN	47.1	4.1	668.5	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	79.0	22.9	2149.3
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	45.6	0.0	6.4	8	Broken River Pum	4.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	14.0	6.9	1043.0
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.8	0.7	155.0	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	2.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	2.0	2.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	337.2
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	7.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	113.0	31.3	4302.8
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	17.4	0.0	8580.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	24.8	7.3	1425.0
8	Donahue 2	2.5	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	30.0	15.3	883.8
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	3.0	587.1	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	661.1
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	389.7	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	281.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 02, 2019	5.00	5.00	5.00	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 02, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 02, 2019	0.59	0.59	0.59	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 02, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Aug 02, 2019	3.00	3.00	3.00	100.0%
18830601	224	854	MOORE	13132050	4	Aug 02, 2019	2.80	4.00	2.80	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 02, 2019	1.46	2.09	1.46	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 02, 2019	0.27	0.39	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 02, 2019	0.79	1.13	0.79	100.0%
18830601	221	855	MOORE	13132050	4	Aug 02, 2019	1.60	2.29	1.60	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 02, 2019	1.13	1.62	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 02, 2019	1.70	2.43	1.70	100.0%
18830810	263	393	MOORE	13132050	4	Aug 02, 2019	0.18	0.26	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Aug 02, 2019	0.01	0.01	0.01	100.0%
18830810	85	1583	MOORE	13132050	4	Aug 02, 2019	0.18	0.26	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Aug 02, 2019	0.48	0.69	0.48	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 02, 2019	0.21	0.30	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Aug 02, 2019	0.43	0.61	0.43	100.0%
18840422	236	30	BECK	13130525	4	Aug 02, 2019	1.64	2.34	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Aug 02, 2019	0.14	0.20	0.14	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Aug 02, 2019	1.12	1.12	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 02, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 02, 2019	0.12	0.12	0.12	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 02, 2019	1.62	1.62	1.62	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 02, 2019	2.17	2.17	2.17	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 02, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 02, 2019	0.55	0.55	0.55	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 02, 2019	0.20	0.20	0.20	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 02, 2019	0.14	0.14	0.14	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 02, 2019	0.96	0.96	0.96	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 02, 2019	1.44	1.44	1.44	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 02, 2019	1.92	1.92	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 02, 2019	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 02, 2019	2.00	2.00	2.00	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 02, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 02, 2019	0.79	0.79	0.79	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 02, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Aug 02, 2019	3.86	3.86	3.86	100.0%
18840422	544	2189	SHARP	13126500	6	Aug 02, 2019	1.00	1.00	1.00	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 02, 2019	0.58	0.58	0.58	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 02, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Aug 02, 2019	0.13	0.13	0.13	100.0%
18840422	24	120	SHARP	13126500	6	Aug 02, 2019	0.06	0.06	0.06	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 02, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Aug 02, 2019	1.08	1.54	1.08	100.0%
18840430	623	2234	BURNETT	13127750	5	Aug 02, 2019	0.40	0.40	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 02, 2019	0.80	0.80	0.80	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 02, 2019	1.23	1.23	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 02, 2019	0.77	0.77	0.77	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 02, 2019	0.40	0.40	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 02, 2019	1.60	1.60	1.60	100.0%
18840520	2335	1886	MOORE	13132050	4	Aug 02, 2019	0.90	1.29	0.90	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 02, 2019	0.02	0.03	0.02	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 02, 2019	0.66	0.94	0.66	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 02, 2019	2.24	3.20	2.24	100.0%
18840520	85	1584	MOORE	13132050	4	Aug 02, 2019	0.22	0.31	0.22	100.0%
18840520	242	210	MOORE	13132050	4	Aug 02, 2019	0.21	0.30	0.21	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 02, 2019	0.01	0.01	0.01	100.0%
18840520	96	451	MOORE	13132050	4	Aug 02, 2019	0.58	0.83	0.58	100.0%

18840520	187	1871	MOORE	13132050	4	Aug 02, 2019	0.18	0.26	0.18	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 02, 2019	2.14	3.06	2.14	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 02, 2019	1.60	2.29	1.60	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 02, 2019	0.04	0.06	0.04	100.0%
18840520	340	816	MOORE	13132050	4	Aug 02, 2019	0.36	0.52	0.36	100.0%
18840520	263	394	MOORE	13132050	4	Aug 02, 2019	0.22	0.31	0.22	100.0%
18840520	427	1	MOORE	13132050	4	Aug 02, 2019	1.12	1.60	1.12	100.0%
18840520	156	2002	MOORE	13132050	4	Aug 02, 2019	0.38	0.54	0.38	100.0%
18840520	113	585	MOORE	13132050	4	Aug 02, 2019	0.11	0.16	0.11	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 02, 2019	1.60	2.29	1.60	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 02, 2019	0.04	0.06	0.04	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 02, 2019	0.01	0.01	0.01	100.0%
18840520	180	470	MOORE	13132050	4	Aug 02, 2019	0.16	0.23	0.16	100.0%
18840520	219	547	MOORE	13132050	4	Aug 02, 2019	1.15	1.64	1.15	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 02, 2019	1.15	1.64	1.15	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 02, 2019	0.78	1.12	0.78	100.0%
18840520	651	1727	MOORE	13132050	4	Aug 02, 2019	0.02	0.03	0.02	100.0%
18840520	433	271	MOORE	13132050	4	Aug 02, 2019	0.54	0.77	0.54	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 02, 2019	0.80	1.14	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Aug 02, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 02, 2019	0.72	0.72	0.72	100.0%
18840601	85	1545	MOORE	13132050	4	Aug 02, 2019	0.54	0.77	0.54	100.0%
18840601	85	1585	MOORE	13132050	4	Aug 02, 2019	0.08	0.11	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 02, 2019	0.94	1.34	0.94	100.0%
18840601	263	395	MOORE	13132050	4	Aug 02, 2019	0.08	0.11	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Aug 02, 2019	0.21	0.30	0.21	100.0%
18840601	85	1544	MOORE	13132050	4	Aug 02, 2019	0.09	0.13	0.09	100.0%
18840601	15	131	MOORE	13132050	4	Aug 02, 2019	0.37	0.53	0.37	100.0%
18840601	651	1728	MOORE	13132050	4	Aug 02, 2019	0.01	0.01	0.01	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 02, 2019	0.16	0.23	0.16	100.0%
18840601	360	693	BURNETT	13127750	5	Aug 02, 2019	0.80	0.80	0.80	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 02, 2019	0.80	0.80	0.80	100.0%
18840601	623	2182	BURNETT	13127750	5	Aug 02, 2019	0.40	0.40	0.40	100.0%
18840601	623	2181	BURNETT	13127750	5	Aug 02, 2019	0.27	0.27	0.27	100.0%
18840601	623	2134	BURNETT	13127750	5	Aug 02, 2019	0.20	0.20	0.20	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 02, 2019	0.73	0.73	0.73	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 02, 2019	0.37	0.37	0.37	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 02, 2019	0.23	0.23	0.23	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 02, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 02, 2019	0.40	0.40	0.40	100.0%
18840715	459	798	MOORE	13132050	4	Aug 02, 2019	0.80	1.14	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 02, 2019	1.20	1.72	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 02, 2019	0.80	1.14	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Aug 02, 2019	0.72	1.03	0.72	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 02, 2019	0.80	1.14	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Aug 02, 2019	0.80	1.14	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 02, 2019	1.20	1.72	1.20	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 02, 2019	0.70	1.00	0.70	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 02, 2019	0.45	0.64	0.45	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 02, 2019	0.80	1.14	0.80	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 02, 2019	0.20	0.29	0.20	100.0%
18840831	533	421	MOORE	13132050	4	Aug 02, 2019	0.14	0.20	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 02, 2019	0.06	0.09	0.06	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Aug 02, 2019	0.44	0.63	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 02, 2019	0.40	0.57	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 02, 2019	0.50	0.71	0.50	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 02, 2019	3.20	4.58	3.20	100.0%
18840914	360	68	BURNETT	13127750	5	Aug 02, 2019	0.80	0.80	0.80	100.0%
18840914	623	2135	BURNETT	13127750	5	Aug 02, 2019	0.40	0.40	0.40	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 02, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Aug 02, 2019	1.76	2.52	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 02, 2019	0.89	1.27	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Aug 02, 2019	0.58	0.83	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Aug 02, 2019	1.25	1.79	1.25	100.0%

18841012	317	385	SWAUGER	13127600	5	Aug 02, 2019	0.74	0.74	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 02, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 02, 2019	0.81	0.81	0.81	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 02, 2019	0.11	0.11	0.11	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 02, 2019	2.78	2.78	2.78	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 02, 2019	0.43	0.43	0.43	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 02, 2019	3.30	3.30	3.30	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 02, 2019	1.20	1.20	1.20	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Aug 02, 2019	1.09	1.09	1.09	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 02, 2019	2.00	2.00	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 02, 2019	0.61	0.61	0.61	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 02, 2019	1.65	1.65	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 02, 2019	0.79	0.79	0.79	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 02, 2019	0.74	0.74	0.74	100.0%
18850501	468	59	ARCO	13132365	2	Aug 02, 2019	0.74	1.65	0.74	100.0%
18850501	423	87	ARCO	13132365	2	Aug 02, 2019	0.20	0.45	0.20	100.0%
18850501	423	186	ARCO	13132365	2	Aug 02, 2019	0.26	0.58	0.26	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Aug 02, 2019	1.80	2.57	1.80	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Aug 02, 2019	0.20	0.29	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 02, 2019	0.24	0.34	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 02, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 02, 2019	0.50	0.50	0.50	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 02, 2019	0.20	0.29	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 02, 2019	1.40	2.00	1.40	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 02, 2019	0.56	0.80	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 02, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 02, 2019	1.37	1.37	1.37	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 02, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 02, 2019	0.11	0.11	0.11	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 02, 2019	1.56	2.22	1.56	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 02, 2019	0.09	0.09	0.09	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 02, 2019	2.00	2.00	2.00	100.0%
18850601	205	2064	BECK	13130525	4	Aug 02, 2019	0.59	0.84	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 02, 2019	1.20	1.72	1.20	100.0%
18850601	15	859	MOORE	13132050	4	Aug 02, 2019	0.50	0.71	0.50	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 02, 2019	1.26	1.26	1.26	100.0%
18850601	2328	2171	SWAUGER	13127600	5	Aug 02, 2019	0.09	0.09	0.09	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Aug 02, 2019	0.40	0.40	0.40	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Aug 02, 2019	1.66	1.66	1.66	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Aug 02, 2019	0.80	0.80	0.80	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 02, 2019	2.60	2.60	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 02, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Aug 02, 2019	1.16	1.16	1.16	100.0%
18850601	544	2205	SHARP	13126500	6	Aug 02, 2019	0.80	0.80	0.80	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 02, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 02, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 02, 2019	3.08	3.08	3.08	100.0%
18851002	468	61	ARCO	13132365	2	Aug 02, 2019	3.60	8.03	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Aug 02, 2019	1.54	3.43	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 02, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 02, 2019	2.80	4.00	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Aug 02, 2019	1.20	1.72	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 02, 2019	5.76	8.24	4.96	86.0%
18860512	263	398	MOORE	13132050	4	Aug 02, 2019	0.18	0.26	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Aug 02, 2019	0.01	0.01	0.01	100.0%
18860512	96	459	MOORE	13132050	4	Aug 02, 2019	0.48	0.69	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Aug 02, 2019	0.18	0.26	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Aug 02, 2019	1.77	2.53	1.77	100.0%
18860601	90	1377	MOORE	13132050	4	Aug 02, 2019	2.40	3.43	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Aug 02, 2019	0.20	0.29	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Aug 02, 2019	0.09	0.13	0.09	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 02, 2019	1.38	1.97	1.38	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Aug 02, 2019	1.24	1.77	1.24	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Aug 02, 2019	1.60	2.29	0.74	46.5%

18860601	357	1288	BURNETT	13127750	5	Aug 02, 2019	1.60	1.60	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	Aug 02, 2019	0.04	0.06	0.04	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Aug 02, 2019	0.85	0.85	0.85	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 02, 2019	1.31	1.31	1.31	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 02, 2019	2.40	2.40	2.40	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 02, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Aug 02, 2019	1.48	1.48	1.48	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 02, 2019	3.20	3.20	3.20	100.0%
18860914	466	232	BECK	13130525	4	Aug 02, 2019	0.64	0.92	0.64	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 02, 2019	0.34	0.34	0.34	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 02, 2019	2.31	2.31	2.31	100.0%
18860914	490	1795	BURNETT	13127750	5	Aug 02, 2019	1.26	1.26	1.26	100.0%
18870313	459	682	MOORE	13132050	4	Aug 02, 2019	0.65	0.93	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Aug 02, 2019	0.42	0.60	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Aug 02, 2019	0.70	1.00	0.70	100.0%
18870313	360	681	BURNETT	13127750	5	Aug 02, 2019	0.80	0.80	0.80	100.0%
18870313	73	2028	BURNETT	13127750	5	Aug 02, 2019	0.36	0.36	0.36	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 02, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 02, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Aug 02, 2019	3.20	7.13	3.20	100.0%
18870601	423	1028	ARCO	13132365	2	Aug 02, 2019	1.80	4.01	1.80	100.0%
18870601	468	893	ARCO	13132365	2	Aug 02, 2019	1.40	3.12	1.40	100.0%
18870601	423	76	ARCO	13132365	2	Aug 02, 2019	0.22	0.49	0.22	100.0%
18870601	252	353	DARLINGTON	13127735	5	Aug 02, 2019	0.43	0.43	0.43	100.0%
18870601	139	845	BURNETT	13127750	5	Aug 02, 2019	0.92	0.92	0.92	100.0%
18870601	490	1783	BURNETT	13127750	5	Aug 02, 2019	0.95	0.95	0.95	100.0%
18870601	525	1471	BURNETT	13127750	5	Aug 02, 2019	0.41	0.41	0.41	100.0%
18870601	490	1747	BURNETT	13127750	5	Aug 02, 2019	0.25	0.25	0.25	100.0%
18870630	236	1428	BECK	13130525	4	Aug 02, 2019	0.52	0.74	0.52	100.0%
18870630	490	1395	BURNETT	13127750	5	Aug 02, 2019	0.64	0.64	0.64	100.0%
18870630	323	945	BURNETT	13127750	5	Aug 02, 2019	0.74	0.74	0.74	100.0%
18870701	423	102	ARCO	13132365	2	Aug 02, 2019	1.60	3.57	1.60	100.0%
18870701	423	656	ARCO	13132365	2	Aug 02, 2019	0.38	0.85	0.38	100.0%
18870801	119	1166	BURNETT	13127750	5	Aug 02, 2019	0.27	0.27	0.27	100.0%
18870801	623	2203	BURNETT	13127750	5	Aug 02, 2019	0.53	0.53	0.53	100.0%
18870831	119	1154	BURNETT	13127750	5	Aug 02, 2019	0.42	0.42	0.42	100.0%
18870831	623	2201	BURNETT	13127750	5	Aug 02, 2019	0.58	0.58	0.58	100.0%
18880401	279	2120	Anderson	13120745	9	Aug 02, 2019	0.58	0.58	0.58	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Aug 02, 2019	0.39	0.39	0.39	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 02, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 02, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Aug 02, 2019	0.33	0.74	0.33	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Aug 02, 2019	0.98	0.98	0.98	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 02, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Aug 02, 2019	0.40	0.89	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Aug 02, 2019	0.87	0.87	0.87	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Aug 02, 2019	0.58	0.58	0.58	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 02, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 02, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	BITTON	13120735	9	Aug 02, 2019	1.50	1.50	1.50	100.0%
18881101	59	2222	BITTON	13120735	9	Aug 02, 2019	1.50	1.50	1.50	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Aug 02, 2019	1.59	1.59	1.59	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Aug 02, 2019	0.45	0.45	0.45	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Aug 02, 2019	1.05	1.05	1.05	100.0%
18890601	599	1552	MOORE	13132050	4	Aug 02, 2019	0.35	0.50	0.35	100.0%
18890601	441	205	MOORE	13132050	4	Aug 02, 2019	0.97	1.39	0.97	100.0%
18890601	463	1396	MOORE	13132050	4	Aug 02, 2019	0.20	0.29	0.20	100.0%
18890601	322	968	BURNETT	13127750	5	Aug 02, 2019	0.80	0.80	0.80	100.0%
18890601	336	979	BURNETT	13127750	5	Aug 02, 2019	2.00	2.00	2.00	100.0%
18890601	475	969	BURNETT	13127750	5	Aug 02, 2019	1.20	1.20	1.20	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 02, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 02, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 02, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Aug 02, 2019	1.50	1.50	1.50	100.0%

18910630	205	2065	BECK	13130525	4	Aug 02, 2019	0.87	1.24	0.87	100.0%
18910630	322	1247	BURNETT	13127750	5	Aug 02, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 02, 2019	5.20	5.20	5.20	100.0%
18920501	468	60	ARCO	13132365	2	Aug 02, 2019	1.00	2.23	1.00	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 02, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 02, 2019	1.45	1.45	1.45	100.0%
18930201	463	1423	MOORE	13132050	4	Aug 02, 2019	0.30	0.43	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Aug 02, 2019	0.22	0.31	0.22	100.0%
18930201	182	539	MOORE	13132050	4	Aug 02, 2019	0.05	0.07	0.05	100.0%
18930201	459	1423	MOORE	13132050	4	Aug 02, 2019	0.11	0.16	0.11	100.0%
18930323	77	688	MOORE	13132050	4	Aug 02, 2019	1.50	2.14	1.50	100.0%
18930323	77	366	MOORE	13132050	4	Aug 02, 2019	1.60	2.29	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 02, 2019	0.74	0.74	0.74	100.0%
18940310	475	989	BURNETT	13127750	5	Aug 02, 2019	0.44	0.44	0.44	100.0%
18940310	265	2217	BURNETT	13127750	5	Aug 02, 2019	2.80	2.80	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	Aug 02, 2019	2.10	2.10	2.10	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 02, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 02, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Aug 02, 2019	0.80	1.14	0.80	100.0%
18940531	5	776	MOORE	13132050	4	Aug 02, 2019	0.18	0.26	0.18	100.0%
18940531	77	800	MOORE	13132050	4	Aug 02, 2019	0.74	1.06	0.74	100.0%
18940601	223	1363	MUNSEY	13132375	2	Aug 02, 2019	3.20	7.13	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Aug 02, 2019	0.15	0.21	0.15	100.0%
18940601	182	537	MOORE	13132050	4	Aug 02, 2019	0.03	0.04	0.03	100.0%
18940601	108	922	MOORE	13132050	4	Aug 02, 2019	0.58	0.83	0.58	100.0%
18940601	317	1534	SWAUGER	13127600	5	Aug 02, 2019	0.11	0.11	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	Aug 02, 2019	1.60	1.60	1.60	100.0%
18940601	139	713	BURNETT	13127750	5	Aug 02, 2019	0.74	0.74	0.74	100.0%
18940601	632	1724	SHARP	13126500	6	Aug 02, 2019	0.12	0.12	0.12	100.0%
18940601	284	229	SHARP	13126500	6	Aug 02, 2019	0.11	0.11	0.11	100.0%
18940601	2525	1904	SHARP	13126500	6	Aug 02, 2019	0.08	0.08	0.08	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 02, 2019	1.20	1.20	1.20	100.0%
18940926	381	866	DARLINGTON	13127735	5	Aug 02, 2019	0.38	0.38	0.38	100.0%
18940926	252	357	DARLINGTON	13127735	5	Aug 02, 2019	0.30	0.30	0.30	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 02, 2019	3.20	3.20	3.20	100.0%
18950601	180	1343	MOORE	13132050	4	Aug 02, 2019	0.80	1.14	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Aug 02, 2019	0.10	0.14	0.10	100.0%
18950601	242	212	MOORE	13132050	4	Aug 02, 2019	0.11	0.16	0.11	100.0%
18950601	182	535	MOORE	13132050	4	Aug 02, 2019	0.03	0.04	0.03	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 02, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 02, 2019	0.02	0.02	0.02	100.0%
18950630	265	2218	BURNETT	13127750	5	Aug 02, 2019	2.62	2.62	2.62	100.0%
18960302	402	872	MOORE	13132050	4	Aug 02, 2019	0.25	0.36	0.25	100.0%
18960302	309	873	MOORE	13132050	4	Aug 02, 2019	0.25	0.36	0.25	100.0%
18960327	29	839	MOORE	13132050	4	Aug 02, 2019	1.60	2.29	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Aug 02, 2019	0.50	0.50	0.50	100.0%
18960601	441	207	MOORE	13132050	4	Aug 02, 2019	0.85	1.22	0.85	100.0%
18960601	604	1711	MOORE	13132050	4	Aug 02, 2019	0.09	0.13	0.09	100.0%
18960601	85	1521	MOORE	13132050	4	Aug 02, 2019	0.23	0.33	0.23	100.0%
18960601	85	1522	MOORE	13132050	4	Aug 02, 2019	1.14	1.63	1.14	100.0%
18960601	96	457	MOORE	13132050	4	Aug 02, 2019	0.92	1.32	0.92	100.0%
18960601	533	424	MOORE	13132050	4	Aug 02, 2019	0.11	0.16	0.11	100.0%
18960601	182	541	MOORE	13132050	4	Aug 02, 2019	0.57	0.81	0.57	100.0%
18960601	15	1106	MOORE	13132050	4	Aug 02, 2019	1.17	1.67	1.17	100.0%
18960601	651	1730	MOORE	13132050	4	Aug 02, 2019	0.03	0.04	0.03	100.0%
18960601	442	2196	MOORE	13132050	4	Aug 02, 2019	1.54	2.20	1.54	100.0%
18960601	309	877	MOORE	13132050	4	Aug 02, 2019	0.08	0.12	0.08	100.0%
18960601	96	461	MOORE	13132050	4	Aug 02, 2019	0.73	1.04	0.73	100.0%
18960601	406	65	MOORE	13132050	4	Aug 02, 2019	0.30	0.43	0.30	100.0%
18960601	263	399	MOORE	13132050	4	Aug 02, 2019	0.27	0.39	0.27	100.0%
18960601	651	1732	MOORE	13132050	4	Aug 02, 2019	0.02	0.03	0.02	100.0%
18960601	263	397	MOORE	13132050	4	Aug 02, 2019	0.35	0.50	0.35	100.0%
18960601	463	128	MOORE	13132050	4	Aug 02, 2019	0.80	1.14	0.80	100.0%
18960601	402	876	MOORE	13132050	4	Aug 02, 2019	0.08	0.12	0.08	100.0%

18960601	13	1119	MOORE	13132050	4	Aug 02, 2019	0.40	0.57	0.40	100.0%
18960601	417	381	MOORE	13132050	4	Aug 02, 2019	2.40	3.43	2.40	100.0%
18960601	417	992	MOORE	13132050	4	Aug 02, 2019	1.20	1.72	1.20	100.0%
18960601	252	359	DARLINGTON	13127735	5	Aug 02, 2019	0.89	0.89	0.89	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Aug 02, 2019	1.15	1.15	1.15	100.0%
18960801	327	1137	MUNSEY	13132375	2	Aug 02, 2019	2.00	4.46	2.00	100.0%
18960801	252	363	DARLINGTON	13127735	5	Aug 02, 2019	0.82	0.82	0.82	100.0%
18960801	544	2206	SHARP	13126500	6	Aug 02, 2019	0.30	0.30	0.20	66.7%
18960901	437	671	ARCO	13132365	2	Aug 02, 2019	0.13	0.29	0.13	100.0%
18960928	442	2158	MUNSEY	13132375	2	Aug 02, 2019	4.40	9.81	4.40	100.0%
18960928	15	80	MUNSEY	13132375	2	Aug 02, 2019	2.32	5.17	2.32	100.0%
18960928	407	307	MUNSEY	13132375	2	Aug 02, 2019	0.40	0.89	0.40	100.0%
18960928	150	216	MUNSEY	13132375	2	Aug 02, 2019	0.03	0.07	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	Aug 02, 2019	1.97	4.39	1.97	100.0%
18970510	437	664	ARCO	13132365	2	Aug 02, 2019	1.08	2.41	1.08	100.0%
18970510	47	92	DARLINGTON	13127735	5	Aug 02, 2019	4.04	4.04	4.04	100.0%
18970515	604	1877	MOORE	13132050	4	Aug 02, 2019	0.06	0.09	0.06	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 02, 2019	2.00	2.00	2.00	100.0%
18970601	533	427	MOORE	13132050	4	Aug 02, 2019	0.01	0.01	0.01	100.0%
18970601	524	1156	SWAUGER	13127600	5	Aug 02, 2019	0.24	0.24	0.24	100.0%
18970615	242	214	MOORE	13132050	4	Aug 02, 2019	0.22	0.31	0.22	100.0%
18970630	653	1558	DARLINGTON	13127735	5	Aug 02, 2019	2.60	2.60	2.60	100.0%
18980601	322	814	BURNETT	13127750	5	Aug 02, 2019	1.18	1.18	1.18	100.0%
18980601	336	984	BURNETT	13127750	5	Aug 02, 2019	0.40	0.40	0.40	100.0%
18990327	566	1830	MOORE	13132050	4	Aug 02, 2019	0.21	0.30	0.05	24.9%
18990327	219	549	MOORE	13132050	4	Aug 02, 2019	0.23	0.33	0.06	24.9%
18990327	2331	469	MOORE	13132050	4	Aug 02, 2019	0.54	0.77	0.13	24.9%
18990327	180	468	MOORE	13132050	4	Aug 02, 2019	0.05	0.07	0.01	24.9%
18990327	2331	467	MOORE	13132050	4	Aug 02, 2019	0.60	0.86	0.15	24.9%
18990327	187	1873	MOORE	13132050	4	Aug 02, 2019	0.07	0.09	0.02	24.9%
18990327	433	272	MOORE	13132050	4	Aug 02, 2019	0.11	0.16	0.03	24.9%
18990601	307	72	NEILSEN	13120805	9	Aug 02, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 02, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Aug 02, 2019	0.62	0.62	0.62	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Aug 02, 2019	0.41	0.41	0.41	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 02, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 02, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 02, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	Aug 02, 2019	2.50	2.50	2.50	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Aug 02, 2019	0.50	0.50	0.50	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 02, 2019	0.90	0.90	0.90	100.0%
19020301	60	1777	CHILLY	13121105	9	Aug 02, 2019	0.07	0.07	0.07	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 02, 2019	1.60	1.60	1.60	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 02, 2019	0.13	0.13	0.13	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 02, 2019	0.18	0.18	0.18	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 02, 2019	2.25	2.25	2.25	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 02, 2019	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 02, 2019	2.90	2.90	2.90	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 02, 2019	0.80	0.80	0.80	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 02, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 02, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 02, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 02, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 02, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Aug 02, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Aug 02, 2019	0.93	0.93	0.93	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Aug 02, 2019	0.62	0.62	0.62	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 02, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 02, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Aug 02, 2019	0.24	0.24	0.24	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 02, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 02, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 02, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Aug 02, 2019	0.34	0.34	0.34	100.0%

19041222	1	416	6X Ranch Navarre	13124357	8	Aug 02, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Aug 02, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 02, 2019	0.13	0.13	0.13	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Aug 02, 2019	0.04	0.04	0.04	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 02, 2019	0.50	0.50	0.50	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 02, 2019	1.30	1.30	1.30	100.0%
19050501	232	2155	NEILSEN	13120805	9	Aug 02, 2019	0.12	0.12	0.12	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 02, 2019	0.10	0.10	0.10	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 02, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 02, 2019	0.40	0.40	0.40	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 02, 2019	0.65	0.65	0.65	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 02, 2019	1.52	1.52	1.52	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 02, 2019	0.82	0.82	0.82	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 02, 2019	0.78	0.78	0.78	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 02, 2019	1.10	1.10	1.10	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 02, 2019	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 02, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 02, 2019	0.28	0.28	0.28	100.0%
19060620	364	691	CHILLY	13121105	9	Aug 02, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 02, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 02, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Aug 02, 2019	0.50	0.50	0.50	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Aug 02, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Aug 02, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 02, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Aug 02, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Aug 02, 2019	0.20	0.20	0.20	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Aug 02, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 02, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 02, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 02, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 02, 2019	1.70	1.70	1.70	100.0%
19121014	403	1197	NEILSEN	13120805	9	Aug 02, 2019	2.20	2.20	2.20	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 02, 2019	2.10	2.10	2.10	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 02, 2019	1.39	1.39	1.39	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 02, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	Aug 02, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Aug 02, 2019	0.18	0.18	0.18	100.0%
19160501	101	1371	NEILSEN	13120805	9	Aug 02, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Aug 02, 2019	2.35	2.35	2.35	99.9%
19160701	101	1208	NEILSEN	13120805	9	Aug 02, 2019	1.32	1.32	1.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Aug 02, 2019	3.16	3.16	3.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 02, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 02, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 3, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Aug 3	289.0	2.5	0.0	291.5	0.00	291.5	2.5	0.0	0.0	289.0	0.0	0.0
9	Howell to Chilly	Aug 3	64.0	102.7	0.0	-122.3	0.42	169.2	98.6	4.1	0.0	68.1	-4.1	0.0
8	Chilly to Reservoir	* Aug 3	278.3	41.4	0.0	255.7	0.00	424.9	40.7	0.7	0.0	283.1	-4.8	0.0
	Disconnected													
7	Mackay Reservoir	* Aug 3	480.0	0.0	0.0	278.3	0.00	302.2	0.0		0.0	278.3	201.7	0.0
6	Reservoir to 2B	Aug 3	472.0	8.0	0.0	0.0	0.00	278.3	7.7	0.3	0.0	270.6	201.4	0.0
5	2B to Leslie	Aug 3	338.0	157.9	0.0	23.9	0.00	302.2	107.3	50.6	0.0	187.2	150.8	0.0
4	Leslie to Moore	Aug 3	85.2	146.2	0.0	-106.6	0.32	302.2	99.3	46.9	0.0	28.9	56.3	0.0
2	Moore to blw Munsey	Aug 3	3.8	54.8	0.0	-26.6	0.31	302.2	19.9	34.9	0.0	0.0	3.8	0.0
1	Blw Munsey to Arco	Aug 3	3.0	0.0	0.0	-0.8	0.20	302.2	0.0	0.0	0.0	0.0	3.0	0.0
								TOTAL	376.0	137.5	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 3	0.0	0.0		19230316	100%
9	Howell to Chilly	Aug 3	0.0	0.0		19230316	100%
8	Chilly to Reservoir	Aug 3	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 3	0.0	0.0		18960601	54%
6	Reservoir to 2B	Aug 3	0.0	0.0		18960601	54%
5	2B to Leslie	Aug 3	0.0	0.0		18960601	54%
4	Leslie to Moore	Aug 3	59.1	47.5		18960601	54%
2	Moore to blw Munsey	Aug 3	9.0	17.6		18960601	54%
1	Blw Munsey to Arco	Aug 3	0.0	0.8		18960601	54%
		TOTAL	68.1	65.9	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
38320.0	37900.0	-420.0	-211.7	10.1

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-42315.6
Total Storage Deliver	-21839.3
Total Evaporation	-1750.5
Accounting Balance	37670.2
Current Res Content	37900.0
Storage Balance Error	-229.8

DAILY STORAGE BALANCE

38320.0	Reservoir Content Previous Day [ac-ft]
37900.0	Reservoir Content Current Day [ac-ft]
-420.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-136.7	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-47.5	Leslie to Moore [cfs]
-17.6	Moore blw Munsey [cfs]
-0.8	blw Munsey to Arco Gage [cfs]
-3.0	Past Arco Gage [cfs]
-263.3	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.3	Reservoir to 2B [cfs]
50.6	2B to Leslie [cfs]
46.9	Leslie to Moore [cfs]
34.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-20.0	Evaporation [ac-ft]
-420.0	Accounting Change in Storage [ac-ft]
0.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

278.3	Gain in/above Mackay Reservoir [cfs]
23.9	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
302.2	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
68.1	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
59.1	Leslie to Moore [cfs]
9.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
234.2	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
7.7	Reservoir to 2B [cfs]
107.3	2B to Leslie [cfs]
99.3	Leslie to Moore [cfs]
19.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
302.3	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	10.1	505
Eastside Felton Wier +	15.5	775
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	25.6	1280
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.8	240
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.2	110
Island Wanstrom David +	0.0	0
Eastside OUT	15.0	750
Total Out	28.3	1415

Abbreviated Reach Delivery Factor Total Out Divided By Total In	1.11

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)		
	Eastside Out + Eastside diversion below weirs ---------- Weirs + Groundwater Injection	= 110.5%
Step 2 - Groundwater at Eastside Out		
	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out		
	Eastside Out - Groundwater at Eastside Out	= 15.0 cfs
Step 4 - River at Weirs		
	River at Eastside Out ---------- Abbreviated Reach Delivery Factor	= 13.6 cfs
Step 5 - Upper Reach Delivery Factor		
	Weirs + Eastside Diversion Above Weirs ---------- Eastside In	= 154.7%
Step 6 - River at Eastside In		
	River at Weirs ---------- Upper Reach Delivery Factor	= 8.8 cfs
Step 7 - Canal at Eastside In		
	Eastside In - River at Eastside In	= 17.5 cfs
Step 8 - Canal Delivery Factor		
	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs ---------- Canal at Eastside	= 161.9%
Step 9 - Eastside River Delivery Factor		
	River at Eastside Out ---------- River at Eastside In	= 171.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 3, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	2.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	8.0	0.3	45.9
9	BITTON	3.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	3.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	30.0	12.0	642.0
9	Thalman Hunter D	2.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	50.4	18.2	1089.9
9	NEILSEN	47.1	4.1	676.6	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	77.5	20.5	2189.9
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	45.6	0.0	6.4	8	Broken River Pum	4.0	0.0	19.7	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	13.7	6.7	1056.3
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.8	0.7	156.5	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	2.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	341.2
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	7.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	113.0	38.2	4378.6
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	17.5	0.0	8580.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	24.8	8.5	1441.9
8	Donahue 2	2.5	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	30.0	26.4	936.2
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	3.0	593.1	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	661.1
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	389.7	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	281.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 03, 2019	5.00	5.00	5.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 03, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 03, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 03, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Aug 03, 2019	3.00	3.00	3.00	100.0%
18830601	221	855	MOORE	13132050	4	Aug 03, 2019	1.60	2.34	1.60	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 03, 2019	1.46	2.13	1.46	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 03, 2019	0.27	0.40	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 03, 2019	0.79	1.15	0.79	100.0%
18830601	224	854	MOORE	13132050	4	Aug 03, 2019	2.80	4.09	2.80	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 03, 2019	1.70	2.48	1.70	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 03, 2019	1.13	1.65	1.13	100.0%
18830810	651	1726	MOORE	13132050	4	Aug 03, 2019	0.01	0.01	0.01	100.0%
18830810	96	449	MOORE	13132050	4	Aug 03, 2019	0.48	0.70	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Aug 03, 2019	0.18	0.26	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	Aug 03, 2019	0.18	0.26	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 03, 2019	0.21	0.31	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Aug 03, 2019	0.43	0.63	0.43	100.0%
18840422	236	30	BECK	13130525	4	Aug 03, 2019	1.64	2.40	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Aug 03, 2019	0.14	0.20	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 03, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 03, 2019	0.12	0.12	0.12	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Aug 03, 2019	1.12	1.12	1.12	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 03, 2019	1.62	1.62	1.62	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 03, 2019	0.96	0.96	0.96	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 03, 2019	0.20	0.20	0.20	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 03, 2019	0.14	0.14	0.14	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 03, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 03, 2019	0.55	0.55	0.55	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 03, 2019	2.17	2.17	2.17	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 03, 2019	1.44	1.44	1.44	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 03, 2019	0.50	0.50	0.50	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 03, 2019	0.79	0.79	0.79	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 03, 2019	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 03, 2019	1.92	1.92	1.92	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 03, 2019	0.21	0.21	0.21	100.0%
18840422	24	120	SHARP	13126500	6	Aug 03, 2019	0.06	0.06	0.06	100.0%
18840422	544	2189	SHARP	13126500	6	Aug 03, 2019	1.00	1.00	1.00	100.0%
18840422	347	938	SHARP	13126500	6	Aug 03, 2019	3.12	3.12	3.12	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 03, 2019	0.12	0.12	0.12	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 03, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Aug 03, 2019	0.13	0.13	0.13	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 03, 2019	0.52	0.52	0.52	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 03, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Aug 03, 2019	1.06	1.55	1.06	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 03, 2019	1.60	1.60	1.60	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 03, 2019	0.80	0.80	0.80	100.0%
18840430	623	2234	BURNETT	13127750	5	Aug 03, 2019	0.40	0.40	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 03, 2019	0.77	0.77	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 03, 2019	1.23	1.23	1.23	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 03, 2019	0.18	0.26	0.18	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 03, 2019	1.60	2.34	1.60	100.0%
18840520	427	1	MOORE	13132050	4	Aug 03, 2019	1.12	1.64	1.12	100.0%
18840520	85	1584	MOORE	13132050	4	Aug 03, 2019	0.22	0.32	0.22	100.0%
18840520	433	271	MOORE	13132050	4	Aug 03, 2019	0.54	0.79	0.54	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 03, 2019	0.66	0.96	0.66	100.0%
18840520	96	451	MOORE	13132050	4	Aug 03, 2019	0.58	0.85	0.58	100.0%
18840520	2335	1886	MOORE	13132050	4	Aug 03, 2019	0.90	1.31	0.90	100.0%
18840520	113	585	MOORE	13132050	4	Aug 03, 2019	0.11	0.16	0.11	100.0%

18840520	566	1782	MOORE	13132050	4	Aug 03, 2019	0.78	1.14	0.78	100.0%
18840520	180	470	MOORE	13132050	4	Aug 03, 2019	0.16	0.23	0.16	100.0%
18840520	156	2002	MOORE	13132050	4	Aug 03, 2019	0.38	0.56	0.38	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 03, 2019	0.01	0.01	0.01	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 03, 2019	0.04	0.06	0.04	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 03, 2019	0.01	0.01	0.01	100.0%
18840520	340	816	MOORE	13132050	4	Aug 03, 2019	0.36	0.53	0.36	100.0%
18840520	219	547	MOORE	13132050	4	Aug 03, 2019	1.15	1.68	1.15	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 03, 2019	0.04	0.06	0.04	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 03, 2019	0.02	0.03	0.02	100.0%
18840520	242	210	MOORE	13132050	4	Aug 03, 2019	0.21	0.31	0.21	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 03, 2019	1.60	2.34	1.60	100.0%
18840520	263	394	MOORE	13132050	4	Aug 03, 2019	0.22	0.32	0.22	100.0%
18840520	651	1727	MOORE	13132050	4	Aug 03, 2019	0.02	0.03	0.02	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 03, 2019	2.24	3.27	2.24	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 03, 2019	1.15	1.68	1.15	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 03, 2019	2.14	3.13	2.14	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 03, 2019	0.80	1.17	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Aug 03, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 03, 2019	0.72	0.72	0.72	100.0%
18840601	96	453	MOORE	13132050	4	Aug 03, 2019	0.21	0.31	0.21	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 03, 2019	0.94	1.37	0.94	100.0%
18840601	263	395	MOORE	13132050	4	Aug 03, 2019	0.08	0.12	0.08	100.0%
18840601	15	131	MOORE	13132050	4	Aug 03, 2019	0.37	0.54	0.37	100.0%
18840601	85	1585	MOORE	13132050	4	Aug 03, 2019	0.08	0.12	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Aug 03, 2019	0.54	0.79	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Aug 03, 2019	0.09	0.13	0.09	100.0%
18840601	651	1728	MOORE	13132050	4	Aug 03, 2019	0.01	0.01	0.01	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 03, 2019	0.16	0.23	0.16	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 03, 2019	0.80	0.80	0.80	100.0%
18840601	623	2181	BURNETT	13127750	5	Aug 03, 2019	0.27	0.27	0.27	100.0%
18840601	360	693	BURNETT	13127750	5	Aug 03, 2019	0.80	0.80	0.80	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 03, 2019	0.23	0.23	0.23	100.0%
18840601	623	2134	BURNETT	13127750	5	Aug 03, 2019	0.20	0.20	0.20	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 03, 2019	0.37	0.37	0.37	100.0%
18840601	623	2182	BURNETT	13127750	5	Aug 03, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 03, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 03, 2019	0.40	0.40	0.40	100.0%
18840715	133	324	MOORE	13132050	4	Aug 03, 2019	0.72	1.05	0.72	100.0%
18840715	459	798	MOORE	13132050	4	Aug 03, 2019	0.80	1.17	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 03, 2019	1.20	1.75	1.20	100.0%
18840715	15	799	MOORE	13132050	4	Aug 03, 2019	0.80	1.17	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 03, 2019	0.80	1.17	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 03, 2019	1.20	1.75	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 03, 2019	0.80	1.17	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 03, 2019	0.45	0.66	0.45	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 03, 2019	0.80	1.17	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 03, 2019	0.70	1.02	0.70	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 03, 2019	0.20	0.29	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 03, 2019	0.06	0.09	0.06	100.0%
18840831	533	421	MOORE	13132050	4	Aug 03, 2019	0.14	0.20	0.14	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Aug 03, 2019	0.44	0.64	0.44	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 03, 2019	0.50	0.73	0.50	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 03, 2019	0.40	0.58	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 03, 2019	3.20	4.67	3.20	100.0%
18840914	623	2135	BURNETT	13127750	5	Aug 03, 2019	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Aug 03, 2019	0.80	0.80	0.80	100.0%
18841012	205	2067	BECK	13130525	4	Aug 03, 2019	1.76	2.57	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Aug 03, 2019	0.58	0.85	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 03, 2019	0.89	1.30	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Aug 03, 2019	1.25	1.83	1.25	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 03, 2019	0.81	0.81	0.81	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 03, 2019	2.78	2.78	2.78	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 03, 2019	2.77	2.77	2.77	100.0%

18841012	190	418	SWAUGER	13127600	5	Aug 03, 2019	0.11	0.11	0.11	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 03, 2019	1.20	1.20	1.20	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 03, 2019	0.74	0.74	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 03, 2019	3.30	3.30	3.30	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 03, 2019	0.43	0.43	0.43	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Aug 03, 2019	1.09	1.09	1.09	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 03, 2019	2.00	2.00	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 03, 2019	0.79	0.79	0.79	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 03, 2019	0.42	0.42	0.42	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 03, 2019	1.65	1.65	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 03, 2019	0.61	0.61	0.61	100.0%
18850501	468	59	ARCO	13132365	2	Aug 03, 2019	0.74	1.57	0.74	100.0%
18850501	423	87	ARCO	13132365	2	Aug 03, 2019	0.20	0.42	0.20	100.0%
18850501	423	186	ARCO	13132365	2	Aug 03, 2019	0.26	0.55	0.26	100.0%
18850501	672	1630	LOWER EASTSIDE &	13132291	4	Aug 03, 2019	0.20	0.29	0.20	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Aug 03, 2019	1.80	2.63	1.80	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 03, 2019	0.24	0.35	0.24	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 03, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 03, 2019	2.80	2.80	2.80	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 03, 2019	1.40	2.04	1.40	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 03, 2019	0.20	0.29	0.20	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 03, 2019	0.56	0.82	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 03, 2019	1.37	1.37	1.37	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 03, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 03, 2019	0.19	0.19	0.19	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 03, 2019	0.11	0.11	0.11	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 03, 2019	1.56	2.27	1.56	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 03, 2019	3.20	3.20	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 03, 2019	2.00	2.00	2.00	100.0%
18850601	205	2064	BECK	13130525	4	Aug 03, 2019	0.59	0.86	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 03, 2019	1.20	1.75	1.20	100.0%
18850601	15	859	MOORE	13132050	4	Aug 03, 2019	0.50	0.73	0.50	100.0%
18850601	2328	2171	SWAUGER	13127600	5	Aug 03, 2019	0.09	0.09	0.09	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 03, 2019	1.26	1.26	1.26	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Aug 03, 2019	0.40	0.40	0.40	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 03, 2019	2.60	2.60	2.60	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Aug 03, 2019	0.80	0.80	0.80	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Aug 03, 2019	1.66	1.66	1.66	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 03, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Aug 03, 2019	1.16	1.16	1.16	100.0%
18850601	544	2205	SHARP	13126500	6	Aug 03, 2019	0.80	0.80	0.80	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 03, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 03, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 03, 2019	3.08	3.08	3.08	100.0%
18851002	437	62	ARCO	13132365	2	Aug 03, 2019	1.54	3.27	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Aug 03, 2019	3.60	7.64	3.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 03, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	Aug 03, 2019	1.20	1.75	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 03, 2019	2.80	4.09	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 03, 2019	5.76	8.41	4.82	83.6%
18860512	263	398	MOORE	13132050	4	Aug 03, 2019	0.18	0.26	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Aug 03, 2019	0.48	0.70	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Aug 03, 2019	0.18	0.26	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Aug 03, 2019	0.01	0.01	0.01	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Aug 03, 2019	1.77	2.59	1.77	100.0%
18860601	470	1323	MOORE	13132050	4	Aug 03, 2019	0.20	0.29	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Aug 03, 2019	0.09	0.13	0.09	100.0%
18860601	90	1377	MOORE	13132050	4	Aug 03, 2019	2.40	3.51	2.40	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Aug 03, 2019	1.24	1.81	1.24	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Aug 03, 2019	1.60	2.34	1.60	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 03, 2019	1.38	2.02	0.76	54.9%
18860601	357	1288	BURNETT	13127750	5	Aug 03, 2019	1.60	1.60	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	Aug 03, 2019	0.04	0.06	0.04	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 03, 2019	1.31	1.31	1.31	100.0%

18860717	207	1798	DARLINGTON	13127735	5	Aug 03, 2019	0.85	0.85	0.85	100.0%
18860721	260	1668	BURNETT	13127750	5	Aug 03, 2019	1.42	1.42	1.42	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 03, 2019	2.24	2.24	2.24	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 03, 2019	0.80	0.80	0.80	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 03, 2019	3.20	3.20	3.20	100.0%
18860914	466	232	BECK	13130525	4	Aug 03, 2019	0.64	0.93	0.64	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 03, 2019	2.31	2.31	2.31	100.0%
18860914	490	1795	BURNETT	13127750	5	Aug 03, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 03, 2019	0.34	0.34	0.34	100.0%
18870313	459	338	MOORE	13132050	4	Aug 03, 2019	0.42	0.61	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Aug 03, 2019	0.65	0.95	0.65	100.0%
18870313	433	683	MOORE	13132050	4	Aug 03, 2019	0.70	1.02	0.70	100.0%
18870313	360	681	BURNETT	13127750	5	Aug 03, 2019	0.80	0.80	0.80	100.0%
18870313	73	2029	BURNETT	13127750	5	Aug 03, 2019	0.65	0.65	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Aug 03, 2019	1.05	1.05	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 03, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 03, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Aug 03, 2019	3.20	6.79	3.20	100.0%
18870601	423	1028	ARCO	13132365	2	Aug 03, 2019	1.80	3.82	1.80	100.0%
18870601	468	893	ARCO	13132365	2	Aug 03, 2019	1.40	2.97	1.40	100.0%
18870601	423	76	ARCO	13132365	2	Aug 03, 2019	0.22	0.47	0.22	100.0%
18870601	252	353	DARLINGTON	13127735	5	Aug 03, 2019	0.43	0.43	0.43	100.0%
18870601	490	1783	BURNETT	13127750	5	Aug 03, 2019	0.95	0.95	0.95	100.0%
18870601	490	1747	BURNETT	13127750	5	Aug 03, 2019	0.25	0.25	0.25	100.0%
18870601	139	845	BURNETT	13127750	5	Aug 03, 2019	0.92	0.92	0.92	100.0%
18870601	73	2022	BURNETT	13127750	5	Aug 03, 2019	1.11	1.11	1.11	100.0%
18870601	525	1471	BURNETT	13127750	5	Aug 03, 2019	0.07	0.07	0.07	100.0%
18870601	73	2023	BURNETT	13127750	5	Aug 03, 2019	0.69	0.69	0.69	100.0%
18870630	236	1428	BECK	13130525	4	Aug 03, 2019	0.46	0.67	0.46	100.0%
18870630	323	945	BURNETT	13127750	5	Aug 03, 2019	0.72	0.72	0.72	100.0%
18870630	490	1395	BURNETT	13127750	5	Aug 03, 2019	0.48	0.48	0.48	100.0%
18870701	423	102	ARCO	13132365	2	Aug 03, 2019	1.60	3.40	1.60	100.0%
18870701	423	656	ARCO	13132365	2	Aug 03, 2019	0.38	0.81	0.38	100.0%
18870801	73	2017	BURNETT	13127750	5	Aug 03, 2019	0.38	0.38	0.38	100.0%
18870801	623	2203	BURNETT	13127750	5	Aug 03, 2019	0.53	0.53	0.53	100.0%
18870801	73	2016	BURNETT	13127750	5	Aug 03, 2019	0.62	0.62	0.62	100.0%
18870831	623	2201	BURNETT	13127750	5	Aug 03, 2019	0.48	0.48	0.48	100.0%
18880401	279	2120	Anderson	13120745	9	Aug 03, 2019	0.58	0.58	0.58	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Aug 03, 2019	0.39	0.39	0.39	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 03, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 03, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Aug 03, 2019	0.33	0.70	0.33	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Aug 03, 2019	0.98	0.98	0.98	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 03, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Aug 03, 2019	0.40	0.85	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Aug 03, 2019	0.87	0.87	0.87	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Aug 03, 2019	0.58	0.58	0.58	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 03, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 03, 2019	0.30	0.30	0.30	100.0%
18881101	59	2222	BITTON	13120735	9	Aug 03, 2019	1.50	1.50	1.50	100.0%
18881101	2610	2095	BITTON	13120735	9	Aug 03, 2019	1.50	1.50	1.50	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Aug 03, 2019	1.52	1.52	1.52	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Aug 03, 2019	0.27	0.27	0.27	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Aug 03, 2019	1.05	1.05	1.05	100.0%
18890601	599	1552	MOORE	13132050	4	Aug 03, 2019	0.35	0.51	0.35	100.0%
18890601	463	1396	MOORE	13132050	4	Aug 03, 2019	0.20	0.29	0.20	100.0%
18890601	441	205	MOORE	13132050	4	Aug 03, 2019	0.97	1.42	0.97	100.0%
18890601	322	968	BURNETT	13127750	5	Aug 03, 2019	0.80	0.80	0.80	100.0%
18890601	336	979	BURNETT	13127750	5	Aug 03, 2019	2.00	2.00	2.00	100.0%
18890601	475	969	BURNETT	13127750	5	Aug 03, 2019	1.20	1.20	1.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 03, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 03, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 03, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Aug 03, 2019	1.50	1.50	1.50	100.0%

18910630	205	2065	BECK	13130525	4	Aug 03, 2019	0.81	1.18	0.81	100.0%
18910630	322	1247	BURNETT	13127750	5	Aug 03, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 03, 2019	5.20	5.20	5.20	100.0%
18920501	468	60	ARCO	13132365	2	Aug 03, 2019	1.00	2.12	1.00	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 03, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 03, 2019	1.45	1.45	1.45	100.0%
18930201	459	1423	MOORE	13132050	4	Aug 03, 2019	0.11	0.16	0.11	100.0%
18930201	182	539	MOORE	13132050	4	Aug 03, 2019	0.05	0.07	0.05	100.0%
18930201	463	1423	MOORE	13132050	4	Aug 03, 2019	0.30	0.44	0.30	100.0%
18930201	417	380	MOORE	13132050	4	Aug 03, 2019	0.22	0.32	0.22	100.0%
18930323	77	688	MOORE	13132050	4	Aug 03, 2019	1.50	2.19	1.50	100.0%
18930323	77	366	MOORE	13132050	4	Aug 03, 2019	1.60	2.34	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 03, 2019	0.74	0.74	0.74	100.0%
18940310	661	1889	BURNETT	13127750	5	Aug 03, 2019	1.72	1.72	1.72	100.0%
18940310	357	15	BURNETT	13127750	5	Aug 03, 2019	1.98	1.98	1.98	100.0%
18940310	265	2217	BURNETT	13127750	5	Aug 03, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	Aug 03, 2019	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 03, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 03, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Aug 03, 2019	0.80	1.17	0.80	100.0%
18940531	5	776	MOORE	13132050	4	Aug 03, 2019	0.18	0.26	0.18	100.0%
18940531	77	800	MOORE	13132050	4	Aug 03, 2019	0.74	1.08	0.74	100.0%
18940601	223	1363	MUNSEY	13132375	2	Aug 03, 2019	3.20	6.79	3.20	100.0%
18940601	108	922	MOORE	13132050	4	Aug 03, 2019	0.58	0.85	0.58	100.0%
18940601	417	379	MOORE	13132050	4	Aug 03, 2019	0.15	0.22	0.15	100.0%
18940601	182	537	MOORE	13132050	4	Aug 03, 2019	0.03	0.04	0.03	100.0%
18940601	317	1534	SWAUGER	13127600	5	Aug 03, 2019	0.11	0.11	0.11	100.0%
18940601	139	713	BURNETT	13127750	5	Aug 03, 2019	0.62	0.62	0.62	100.0%
18940601	360	698	BURNETT	13127750	5	Aug 03, 2019	1.60	1.60	1.60	100.0%
18940601	632	1724	SHARP	13126500	6	Aug 03, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Aug 03, 2019	0.07	0.07	0.07	100.0%
18940601	2525	1904	SHARP	13126500	6	Aug 03, 2019	0.06	0.06	0.06	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 03, 2019	1.20	1.20	1.20	100.0%
18940926	252	357	DARLINGTON	13127735	5	Aug 03, 2019	0.30	0.30	0.30	100.0%
18940926	381	866	DARLINGTON	13127735	5	Aug 03, 2019	0.38	0.38	0.38	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 03, 2019	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	Aug 03, 2019	0.10	0.15	0.10	100.0%
18950601	242	212	MOORE	13132050	4	Aug 03, 2019	0.11	0.16	0.11	100.0%
18950601	180	1343	MOORE	13132050	4	Aug 03, 2019	0.80	1.17	0.80	100.0%
18950601	182	535	MOORE	13132050	4	Aug 03, 2019	0.03	0.04	0.03	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 03, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 03, 2019	0.02	0.02	0.02	100.0%
18950630	265	2218	BURNETT	13127750	5	Aug 03, 2019	2.62	2.62	2.62	100.0%
18960302	309	873	MOORE	13132050	4	Aug 03, 2019	0.25	0.37	0.25	100.0%
18960302	402	872	MOORE	13132050	4	Aug 03, 2019	0.25	0.37	0.25	100.0%
18960327	29	839	MOORE	13132050	4	Aug 03, 2019	1.60	2.34	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Aug 03, 2019	0.50	0.50	0.50	100.0%
18960601	463	128	MOORE	13132050	4	Aug 03, 2019	0.80	1.17	0.43	54.1%
18960601	417	381	MOORE	13132050	4	Aug 03, 2019	2.40	3.51	1.30	54.1%
18960601	417	992	MOORE	13132050	4	Aug 03, 2019	1.20	1.75	0.65	54.1%
18960601	13	1119	MOORE	13132050	4	Aug 03, 2019	0.40	0.58	0.22	54.1%
18960601	604	1711	MOORE	13132050	4	Aug 03, 2019	0.09	0.13	0.05	54.1%
18960601	442	2196	MOORE	13132050	4	Aug 03, 2019	1.54	2.25	0.83	54.1%
18960601	441	207	MOORE	13132050	4	Aug 03, 2019	0.85	1.24	0.46	54.1%
18960601	15	1106	MOORE	13132050	4	Aug 03, 2019	1.17	1.71	0.63	54.1%
18960601	402	876	MOORE	13132050	4	Aug 03, 2019	0.08	0.12	0.05	54.1%
18960601	651	1730	MOORE	13132050	4	Aug 03, 2019	0.03	0.04	0.01	41.7%
18960601	182	541	MOORE	13132050	4	Aug 03, 2019	0.57	0.83	0.31	54.1%
18960601	533	424	MOORE	13132050	4	Aug 03, 2019	0.11	0.16	0.06	54.1%
18960601	263	397	MOORE	13132050	4	Aug 03, 2019	0.35	0.51	0.19	54.1%
18960601	263	399	MOORE	13132050	4	Aug 03, 2019	0.27	0.39	0.15	54.1%
18960601	96	461	MOORE	13132050	4	Aug 03, 2019	0.73	1.07	0.40	54.1%
18960601	85	1522	MOORE	13132050	4	Aug 03, 2019	1.14	1.67	0.62	54.1%
18960601	406	65	MOORE	13132050	4	Aug 03, 2019	0.30	0.44	0.16	54.1%

18960601	85	1521	MOORE	13132050	4	Aug 03, 2019	0.23	0.34	0.12	54.1%
18960601	309	877	MOORE	13132050	4	Aug 03, 2019	0.08	0.12	0.05	54.1%
18960601	96	457	MOORE	13132050	4	Aug 03, 2019	0.92	1.34	0.50	54.1%
18960601	252	359	DARLINGTON	13127735	5	Aug 03, 2019	0.89	0.89	0.48	54.1%
18960601	381	1180	DARLINGTON	13127735	5	Aug 03, 2019	1.15	1.15	0.62	54.1%
18970515	130	1286	NEILSEN	13120805	9	Aug 03, 2019	2.00	2.00	2.00	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 03, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 03, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Aug 03, 2019	0.62	0.62	0.62	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Aug 03, 2019	0.41	0.41	0.41	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 03, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 03, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 03, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	Aug 03, 2019	2.50	2.50	2.50	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Aug 03, 2019	0.50	0.50	0.50	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 03, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 03, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 03, 2019	3.20	3.20	3.20	100.0%
19020301	60	1777	CHILLY	13121105	9	Aug 03, 2019	0.07	0.07	0.07	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 03, 2019	0.18	0.18	0.18	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 03, 2019	2.25	2.25	2.25	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 03, 2019	2.90	2.90	2.90	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 03, 2019	0.13	0.13	0.13	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 03, 2019	0.80	0.80	0.80	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 03, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 03, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 03, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 03, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 03, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Aug 03, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Aug 03, 2019	0.93	0.93	0.93	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Aug 03, 2019	0.62	0.62	0.62	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 03, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 03, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Aug 03, 2019	0.24	0.24	0.24	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 03, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 03, 2019	1.60	1.60	1.60	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Aug 03, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 03, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 03, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Aug 03, 2019	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 03, 2019	0.13	0.13	0.13	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 03, 2019	0.40	0.40	0.40	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 03, 2019	0.65	0.65	0.65	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 03, 2019	1.52	1.52	1.52	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 03, 2019	0.50	0.50	0.50	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Aug 03, 2019	0.04	0.04	0.04	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 03, 2019	0.82	0.82	0.82	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 03, 2019	0.30	0.30	0.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 03, 2019	0.10	0.10	0.10	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 03, 2019	1.30	1.30	1.30	100.0%
19050501	232	2155	NEILSEN	13120805	9	Aug 03, 2019	0.12	0.12	0.12	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 03, 2019	0.58	0.58	0.58	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 03, 2019	1.10	1.10	1.10	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 03, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 03, 2019	0.40	0.40	0.40	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 03, 2019	0.28	0.28	0.28	100.0%
19060620	364	691	CHILLY	13121105	9	Aug 03, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 03, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 03, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Aug 03, 2019	0.50	0.50	0.50	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Aug 03, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Aug 03, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 03, 2019	0.75	0.75	0.75	100.0%

19100601	129	2188	CHILLY	13121105	9	Aug 03, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Aug 03, 2019	0.20	0.20	0.20	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Aug 03, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 03, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 03, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 03, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	Aug 03, 2019	2.20	2.20	2.20	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 03, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 03, 2019	1.70	1.70	1.70	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 03, 2019	1.39	1.39	1.39	100.0%
19140601	445	413	NEILSEN	13120805	9	Aug 03, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Aug 03, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 03, 2019	0.80	0.80	0.80	100.0%
19160501	101	1371	NEILSEN	13120805	9	Aug 03, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Aug 03, 2019	2.35	2.35	2.35	99.9%
19160701	101	1208	NEILSEN	13120805	9	Aug 03, 2019	1.32	1.32	1.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Aug 03, 2019	3.16	3.16	3.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 03, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 03, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 4, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Aug 4	271.0	2.5	0.0	273.5	0.00	273.5	2.5	0.0	0.0	271.0	0.0	0.0
9	Howell to Chilly	Aug 4	52.0	102.7	0.0	-116.3	0.43	157.2	98.6	4.1	0.0	56.1	-4.1	0.0
8	Chilly to Reservoir	* Aug 4	265.4	44.9	0.0	258.3	0.00	415.5	42.4	2.5	0.0	272.1	-6.6	0.0
	Disconnected													
7	Mackay Reservoir	* Aug 4	476.9	0.0	0.0	265.4	0.00	288.2	0.0		0.0	265.4	211.5	0.0
6	Reservoir to 2B	Aug 4	469.0	7.9	0.0	0.0	0.00	265.4	7.7	0.2	0.0	257.7	211.3	0.0
5	2B to Leslie	Aug 4	337.0	154.8	0.0	22.8	0.00	288.2	103.5	51.3	0.0	177.0	160.0	0.0
4	Leslie to Moore	Aug 4	81.0	135.4	0.0	-120.6	0.36	288.2	84.9	50.5	0.0	28.7	52.3	0.0
2	Moore to blw Munsey	Aug 4	3.6	54.8	0.0	-22.6	0.28	288.2	20.7	34.1	0.0	0.0	3.6	0.0
1	Blw Munsey to Arco	Aug 4	1.6	0.0	0.0	-2.0	0.56	288.2	0.0	0.0	0.0	0.0	1.6	0.0
							TOTAL		360.4	142.7	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 4	0.0	0.0		19230316	100%
9	Howell to Chilly	Aug 4	0.0	0.0		19230316	100%
8	Chilly to Reservoir	Aug 4	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 4	0.0	0.0		18960601	13%
6	Reservoir to 2B	Aug 4	0.0	0.0		18960601	13%
5	2B to Leslie	Aug 4	0.0	0.0		18960601	13%
4	Leslie to Moore	Aug 4	63.3	57.3		18960601	13%
2	Moore to blw Munsey	Aug 4	8.0	14.6		18960601	13%
1	Blw Munsey to Arco	Aug 4	0.0	2.0		18960601	13%
		TOTAL	71.3	73.8	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
37900.0	37460.0	-440.0	-221.8	10.4

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-42465.4
Total Storage Deliver	-22109.3
Total Evaporation	-1771.0
Accounting Balance	37229.8
Current Res Content	37460.0
Storage Balance Error	-230.2

DAILY STORAGE BALANCE

37900.0	Reservoir Content Previous Day [ac-ft]
37460.0	Reservoir Content Current Day [ac-ft]
-440.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-149.8	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-57.3	Leslie to Moore [cfs]
-14.6	Moore blw Munsey [cfs]
-2.0	blw Munsey to Arco Gage [cfs]
-1.6	Past Arco Gage [cfs]
-269.9	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.2	Reservoir to 2B [cfs]
51.3	2B to Leslie [cfs]
50.5	Leslie to Moore [cfs]
34.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-20.6	Evaporation [ac-ft]
-440.3	Accounting Change in Storage [ac-ft]
-0.3	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

265.4	Gain in/above Mackay Reservoir [cfs]
22.8	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
288.2	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
71.3	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
63.3	Leslie to Moore [cfs]
8.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
216.8	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
7.7	Reservoir to 2B [cfs]
103.5	2B to Leslie [cfs]
84.9	Leslie to Moore [cfs]
20.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
288.1	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.0	550
Eastside Felton Wier +	15.4	770
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	0.0	0
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	26.4	1320
Groundwater to Arco	0.0	0
Groundwater to Munsey	0.0	0

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.2	110
Island Wanstrom David +	0.0	0
Eastside OUT	16.5	825
Total Out	27.3	1365
Abbreviated Reach Delivery Factor Total Out Divided By Total In	1.03	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 84.5%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 0.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 16.5 cfs
Step 4 - River at Weirs	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 19.5 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 227.5%
Step 6 - River at Eastside In	River at Weirs --- Upper Reach Delivery Factor	= 8.6 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 8.4 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 214.9%
Step 9 - Eastside River Delivery Factor	River at Eastside Out --- River at Eastside In	= 192.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 4, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	2.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	7.9	0.2	46.3
9	BITTON	3.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	3.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	30.4	12.4	666.6
9	Thalman Hunter D	2.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	50.4	19.2	1128.0
9	NEILSEN	47.1	4.1	684.7	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	74.0	19.6	2228.8
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	45.6	0.0	6.4	8	Broken River Pum	6.0	1.8	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	12.0	5.3	1066.8
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.8	0.7	157.9	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	2.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	2.0	2.0	345.1
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	7.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	113.0	43.2	4464.3
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	8.4	0.0	8580.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	24.8	8.5	1458.8
8	Donahue 2	2.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	30.0	25.6	986.9
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	4.0	601.0	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	0.0	661.1
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	389.7	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	281.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 04, 2019	5.00	5.00	5.00	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 04, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 04, 2019	0.59	0.59	0.59	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 04, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Aug 04, 2019	3.00	3.00	3.00	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 04, 2019	1.46	2.27	1.46	100.0%
18830601	224	854	MOORE	13132050	4	Aug 04, 2019	2.80	4.36	2.80	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 04, 2019	0.79	1.23	0.79	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 04, 2019	0.27	0.43	0.27	100.0%
18830601	221	855	MOORE	13132050	4	Aug 04, 2019	1.60	2.49	1.60	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 04, 2019	1.70	2.65	1.70	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 04, 2019	1.13	1.76	1.13	100.0%
18830810	651	1726	MOORE	13132050	4	Aug 04, 2019	0.01	0.02	0.01	100.0%
18830810	96	449	MOORE	13132050	4	Aug 04, 2019	0.48	0.75	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Aug 04, 2019	0.18	0.28	0.18	100.0%
18830810	263	393	MOORE	13132050	4	Aug 04, 2019	0.18	0.28	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 04, 2019	0.21	0.33	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 04, 2019	1.64	2.55	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Aug 04, 2019	0.14	0.22	0.14	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Aug 04, 2019	1.12	1.12	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 04, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 04, 2019	0.12	0.12	0.12	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 04, 2019	1.62	1.62	1.62	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 04, 2019	1.44	1.44	1.44	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 04, 2019	0.96	0.96	0.96	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 04, 2019	0.14	0.14	0.14	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 04, 2019	0.20	0.20	0.20	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 04, 2019	1.63	1.63	1.63	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 04, 2019	2.17	2.17	2.17	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 04, 2019	0.55	0.55	0.55	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 04, 2019	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 04, 2019	1.92	1.92	1.92	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 04, 2019	0.79	0.79	0.79	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 04, 2019	0.50	0.50	0.50	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 04, 2019	0.21	0.21	0.21	100.0%
18840422	284	228	SHARP	13126500	6	Aug 04, 2019	0.13	0.13	0.13	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 04, 2019	0.12	0.12	0.12	100.0%
18840422	544	2189	SHARP	13126500	6	Aug 04, 2019	1.00	1.00	1.00	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 04, 2019	0.08	0.08	0.08	100.0%
18840422	24	120	SHARP	13126500	6	Aug 04, 2019	0.06	0.06	0.06	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 04, 2019	0.52	0.52	0.52	100.0%
18840422	347	938	SHARP	13126500	6	Aug 04, 2019	3.12	3.12	3.12	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 04, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Aug 04, 2019	1.12	1.74	1.12	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 04, 2019	0.80	0.80	0.80	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 04, 2019	1.23	1.23	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 04, 2019	1.60	1.60	1.60	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 04, 2019	0.77	0.77	0.77	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 04, 2019	0.01	0.02	0.01	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 04, 2019	2.24	3.49	2.24	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 04, 2019	0.04	0.06	0.04	100.0%
18840520	433	271	MOORE	13132050	4	Aug 04, 2019	0.54	0.84	0.54	100.0%
18840520	96	451	MOORE	13132050	4	Aug 04, 2019	0.58	0.90	0.58	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 04, 2019	0.01	0.02	0.01	100.0%
18840520	85	1584	MOORE	13132050	4	Aug 04, 2019	0.22	0.34	0.22	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 04, 2019	0.02	0.03	0.02	100.0%
18840520	427	1	MOORE	13132050	4	Aug 04, 2019	1.12	1.74	1.12	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 04, 2019	1.60	2.49	1.60	100.0%
18840520	156	2002	MOORE	13132050	4	Aug 04, 2019	0.38	0.59	0.38	100.0%

18840520	651	1727	MOORE	13132050	4	Aug 04, 2019	0.02	0.03	0.02	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 04, 2019	1.15	1.79	1.15	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 04, 2019	0.78	1.21	0.78	100.0%
18840520	242	210	MOORE	13132050	4	Aug 04, 2019	0.21	0.33	0.21	100.0%
18840520	263	394	MOORE	13132050	4	Aug 04, 2019	0.22	0.34	0.22	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 04, 2019	0.66	1.03	0.66	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 04, 2019	0.18	0.28	0.18	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 04, 2019	2.14	3.33	2.14	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 04, 2019	0.04	0.06	0.04	100.0%
18840520	113	585	MOORE	13132050	4	Aug 04, 2019	0.11	0.17	0.11	100.0%
18840520	219	547	MOORE	13132050	4	Aug 04, 2019	1.15	1.79	1.15	100.0%
18840520	180	470	MOORE	13132050	4	Aug 04, 2019	0.16	0.25	0.16	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 04, 2019	1.60	2.49	1.60	100.0%
18840520	340	816	MOORE	13132050	4	Aug 04, 2019	0.36	0.57	0.36	100.0%
18840520	2335	1886	MOORE	13132050	4	Aug 04, 2019	0.90	1.40	0.90	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 04, 2019	0.80	1.25	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Aug 04, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 04, 2019	0.72	0.72	0.72	100.0%
18840601	263	395	MOORE	13132050	4	Aug 04, 2019	0.08	0.12	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 04, 2019	0.94	1.46	0.94	100.0%
18840601	651	1728	MOORE	13132050	4	Aug 04, 2019	0.01	0.02	0.01	100.0%
18840601	85	1544	MOORE	13132050	4	Aug 04, 2019	0.09	0.14	0.09	100.0%
18840601	15	131	MOORE	13132050	4	Aug 04, 2019	0.37	0.57	0.37	100.0%
18840601	85	1585	MOORE	13132050	4	Aug 04, 2019	0.08	0.12	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Aug 04, 2019	0.54	0.84	0.54	100.0%
18840601	96	453	MOORE	13132050	4	Aug 04, 2019	0.21	0.33	0.21	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 04, 2019	0.16	0.25	0.16	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 04, 2019	0.80	0.80	0.80	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 04, 2019	0.37	0.37	0.37	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 04, 2019	0.23	0.23	0.23	100.0%
18840601	360	693	BURNETT	13127750	5	Aug 04, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 04, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 04, 2019	0.80	0.80	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 04, 2019	0.80	1.25	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 04, 2019	1.20	1.87	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Aug 04, 2019	0.80	1.25	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Aug 04, 2019	0.80	1.25	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 04, 2019	1.20	1.87	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 04, 2019	0.80	1.25	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Aug 04, 2019	0.72	1.12	0.72	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 04, 2019	0.45	0.70	0.45	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 04, 2019	0.70	1.09	0.70	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 04, 2019	0.80	1.25	0.80	100.0%
18840831	533	421	MOORE	13132050	4	Aug 04, 2019	0.14	0.22	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 04, 2019	0.06	0.09	0.06	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 04, 2019	0.20	0.31	0.20	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 04, 2019	0.40	0.62	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 04, 2019	0.50	0.78	0.50	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 04, 2019	3.20	4.98	3.20	100.0%
18840914	360	68	BURNETT	13127750	5	Aug 04, 2019	0.80	0.80	0.80	100.0%
18841012	205	2067	BECK	13130525	4	Aug 04, 2019	1.76	2.74	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Aug 04, 2019	1.25	1.95	1.25	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 04, 2019	0.89	1.39	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Aug 04, 2019	0.58	0.90	0.58	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 04, 2019	2.78	2.78	2.78	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 04, 2019	0.11	0.11	0.11	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 04, 2019	0.81	0.81	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 04, 2019	2.77	2.77	2.77	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 04, 2019	3.30	3.30	3.30	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 04, 2019	0.74	0.74	0.74	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 04, 2019	0.43	0.43	0.43	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 04, 2019	1.20	1.20	1.20	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Aug 04, 2019	1.09	1.09	1.09	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 04, 2019	0.32	0.32	0.32	100.0%

18850218	411	805	DARLINGTON	13127735	5	Aug 04, 2019	1.65	1.65	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 04, 2019	0.61	0.61	0.61	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 04, 2019	0.79	0.79	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 04, 2019	2.00	2.00	2.00	100.0%
18850501	423	186	ARCO	13132365	2	Aug 04, 2019	0.26	0.56	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Aug 04, 2019	0.20	0.43	0.20	100.0%
18850501	468	59	ARCO	13132365	2	Aug 04, 2019	0.74	1.60	0.74	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 04, 2019	0.24	0.37	0.24	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 04, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 04, 2019	2.80	2.80	2.80	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 04, 2019	0.28	0.44	0.28	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 04, 2019	0.20	0.31	0.20	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 04, 2019	0.56	0.87	0.56	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 04, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 04, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 04, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 04, 2019	1.37	1.37	1.37	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 04, 2019	1.56	2.42	1.56	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 04, 2019	2.00	2.00	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 04, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Aug 04, 2019	0.59	0.92	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Aug 04, 2019	0.50	0.78	0.50	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 04, 2019	1.20	1.87	1.20	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 04, 2019	1.26	1.26	1.26	100.0%
18850601	2328	2171	SWAUGER	13127600	5	Aug 04, 2019	0.09	0.09	0.09	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Aug 04, 2019	0.40	0.40	0.40	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Aug 04, 2019	0.80	0.80	0.80	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Aug 04, 2019	1.66	1.66	1.66	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 04, 2019	2.60	2.60	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 04, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Aug 04, 2019	1.16	1.16	1.16	100.0%
18850601	544	2205	SHARP	13126500	6	Aug 04, 2019	0.80	0.80	0.80	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 04, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 04, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 04, 2019	3.08	3.08	3.08	100.0%
18851002	468	61	ARCO	13132365	2	Aug 04, 2019	3.60	7.77	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Aug 04, 2019	1.54	3.33	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 04, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 04, 2019	2.80	4.36	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Aug 04, 2019	1.20	1.87	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 04, 2019	2.64	4.11	2.06	77.9%
18860512	651	1731	MOORE	13132050	4	Aug 04, 2019	0.01	0.02	0.01	100.0%
18860512	85	1588	MOORE	13132050	4	Aug 04, 2019	0.18	0.28	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Aug 04, 2019	0.48	0.75	0.48	100.0%
18860512	263	398	MOORE	13132050	4	Aug 04, 2019	0.18	0.28	0.18	100.0%
18860601	470	1858	MOORE	13132050	4	Aug 04, 2019	0.09	0.14	0.09	100.0%
18860601	470	1323	MOORE	13132050	4	Aug 04, 2019	0.20	0.31	0.20	100.0%
18860601	90	1377	MOORE	13132050	4	Aug 04, 2019	2.40	3.74	2.40	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Aug 04, 2019	1.60	2.49	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Aug 04, 2019	1.24	1.93	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 04, 2019	1.38	2.15	0.17	12.0%
18860601	357	1288	BURNETT	13127750	5	Aug 04, 2019	1.60	1.60	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	Aug 04, 2019	0.04	0.06	0.04	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 04, 2019	1.31	1.31	1.31	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Aug 04, 2019	0.85	0.85	0.85	100.0%
18860721	260	1668	BURNETT	13127750	5	Aug 04, 2019	1.42	1.42	1.42	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 04, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 04, 2019	2.24	2.24	2.24	100.0%
18860901	180	2	MUNSEY	13132375	2	Aug 04, 2019	0.84	1.81	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 04, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Aug 04, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 04, 2019	0.34	0.34	0.34	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 04, 2019	2.31	2.31	2.31	100.0%
18870313	459	682	MOORE	13132050	4	Aug 04, 2019	0.65	1.01	0.65	100.0%

18870313	433	683	MOORE	13132050	4	Aug 04, 2019	0.70	1.09	0.70	100.0%
18870313	459	338	MOORE	13132050	4	Aug 04, 2019	0.42	0.65	0.42	100.0%
18870313	73	2028	BURNETT	13127750	5	Aug 04, 2019	1.05	1.05	1.05	100.0%
18870313	73	2029	BURNETT	13127750	5	Aug 04, 2019	0.65	0.65	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	Aug 04, 2019	0.80	0.80	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 04, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 04, 2019	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Aug 04, 2019	3.20	6.91	3.20	100.0%
18870601	468	893	ARCO	13132365	2	Aug 04, 2019	1.40	3.02	1.40	100.0%
18870601	423	76	ARCO	13132365	2	Aug 04, 2019	0.22	0.48	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Aug 04, 2019	1.80	3.89	1.80	100.0%
18870601	252	353	DARLINGTON	13127735	5	Aug 04, 2019	0.43	0.43	0.43	100.0%
18870601	490	1747	BURNETT	13127750	5	Aug 04, 2019	0.25	0.25	0.25	100.0%
18870601	525	1471	BURNETT	13127750	5	Aug 04, 2019	0.07	0.07	0.07	100.0%
18870601	490	1783	BURNETT	13127750	5	Aug 04, 2019	0.95	0.95	0.95	100.0%
18870601	73	2022	BURNETT	13127750	5	Aug 04, 2019	1.11	1.11	1.11	100.0%
18870601	139	845	BURNETT	13127750	5	Aug 04, 2019	0.92	0.92	0.92	100.0%
18870601	73	2023	BURNETT	13127750	5	Aug 04, 2019	0.69	0.69	0.69	100.0%
18870630	236	1428	BECK	13130525	4	Aug 04, 2019	0.60	0.93	0.60	100.0%
18870630	490	1395	BURNETT	13127750	5	Aug 04, 2019	0.48	0.48	0.48	100.0%
18870630	323	945	BURNETT	13127750	5	Aug 04, 2019	0.72	0.72	0.72	100.0%
18870701	423	102	ARCO	13132365	2	Aug 04, 2019	1.60	3.46	1.60	100.0%
18870701	423	656	ARCO	13132365	2	Aug 04, 2019	0.38	0.82	0.38	100.0%
18870801	73	2016	BURNETT	13127750	5	Aug 04, 2019	0.62	0.62	0.62	100.0%
18870801	73	2017	BURNETT	13127750	5	Aug 04, 2019	0.38	0.38	0.38	100.0%
18880401	279	2120	Anderson	13120745	9	Aug 04, 2019	0.58	0.58	0.58	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Aug 04, 2019	0.39	0.39	0.39	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 04, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 04, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Aug 04, 2019	0.33	0.71	0.33	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Aug 04, 2019	0.98	0.98	0.98	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 04, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Aug 04, 2019	0.40	0.86	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Aug 04, 2019	0.87	0.87	0.87	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Aug 04, 2019	0.58	0.58	0.58	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 04, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 04, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	BITTON	13120735	9	Aug 04, 2019	1.50	1.50	1.50	100.0%
18881101	59	2222	BITTON	13120735	9	Aug 04, 2019	1.50	1.50	1.50	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Aug 04, 2019	1.44	1.44	1.44	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Aug 04, 2019	0.21	0.21	0.21	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Aug 04, 2019	1.05	1.05	1.05	100.0%
18890601	599	1552	MOORE	13132050	4	Aug 04, 2019	0.35	0.55	0.35	100.0%
18890601	463	1396	MOORE	13132050	4	Aug 04, 2019	0.20	0.31	0.20	100.0%
18890601	441	205	MOORE	13132050	4	Aug 04, 2019	0.97	1.51	0.97	100.0%
18890601	322	968	BURNETT	13127750	5	Aug 04, 2019	0.80	0.80	0.80	100.0%
18890601	336	979	BURNETT	13127750	5	Aug 04, 2019	2.00	2.00	2.00	100.0%
18890601	475	969	BURNETT	13127750	5	Aug 04, 2019	1.20	1.20	1.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 04, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 04, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 04, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Aug 04, 2019	1.50	1.50	1.50	100.0%
18910630	205	2065	BECK	13130525	4	Aug 04, 2019	1.03	1.60	1.03	100.0%
18910630	322	1247	BURNETT	13127750	5	Aug 04, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 04, 2019	5.20	5.20	5.20	100.0%
18920501	468	60	ARCO	13132365	2	Aug 04, 2019	1.00	2.16	1.00	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 04, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 04, 2019	1.45	1.45	1.45	100.0%
18930201	182	539	MOORE	13132050	4	Aug 04, 2019	0.05	0.08	0.05	100.0%
18930201	463	1423	MOORE	13132050	4	Aug 04, 2019	0.30	0.47	0.30	100.0%
18930201	459	1423	MOORE	13132050	4	Aug 04, 2019	0.11	0.17	0.11	100.0%
18930201	417	380	MOORE	13132050	4	Aug 04, 2019	0.22	0.34	0.22	100.0%
18930323	77	366	MOORE	13132050	4	Aug 04, 2019	1.60	2.49	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Aug 04, 2019	1.50	2.34	1.50	100.0%

18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 04, 2019	0.74	0.74	0.74	100.0%
18940310	265	2217	BURNETT	13127750	5	Aug 04, 2019	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	Aug 04, 2019	0.44	0.44	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	Aug 04, 2019	1.98	1.98	1.98	100.0%
18940310	661	1889	BURNETT	13127750	5	Aug 04, 2019	1.72	1.72	1.72	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 04, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 04, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Aug 04, 2019	0.80	1.25	0.80	100.0%
18940531	5	776	MOORE	13132050	4	Aug 04, 2019	0.18	0.28	0.18	100.0%
18940531	77	800	MOORE	13132050	4	Aug 04, 2019	0.74	1.15	0.74	100.0%
18940601	223	1363	MUNSEY	13132375	2	Aug 04, 2019	3.20	6.91	3.20	100.0%
18940601	182	537	MOORE	13132050	4	Aug 04, 2019	0.03	0.05	0.03	100.0%
18940601	417	379	MOORE	13132050	4	Aug 04, 2019	0.15	0.23	0.15	100.0%
18940601	108	922	MOORE	13132050	4	Aug 04, 2019	0.58	0.90	0.58	100.0%
18940601	317	1534	SWAUGER	13127600	5	Aug 04, 2019	0.11	0.11	0.11	100.0%
18940601	139	713	BURNETT	13127750	5	Aug 04, 2019	0.62	0.62	0.62	100.0%
18940601	360	698	BURNETT	13127750	5	Aug 04, 2019	1.60	1.60	1.60	100.0%
18940601	632	1724	SHARP	13126500	6	Aug 04, 2019	0.08	0.08	0.08	100.0%
18940601	284	229	SHARP	13126500	6	Aug 04, 2019	0.07	0.07	0.07	100.0%
18940601	2525	1904	SHARP	13126500	6	Aug 04, 2019	0.06	0.06	0.06	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 04, 2019	1.20	1.20	1.20	100.0%
18940926	381	866	DARLINGTON	13127735	5	Aug 04, 2019	0.38	0.38	0.38	100.0%
18940926	252	357	DARLINGTON	13127735	5	Aug 04, 2019	0.30	0.30	0.30	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 04, 2019	3.20	3.20	3.20	100.0%
18950601	182	535	MOORE	13132050	4	Aug 04, 2019	0.03	0.05	0.03	100.0%
18950601	417	378	MOORE	13132050	4	Aug 04, 2019	0.10	0.16	0.10	100.0%
18950601	242	212	MOORE	13132050	4	Aug 04, 2019	0.11	0.17	0.11	100.0%
18950601	180	1343	MOORE	13132050	4	Aug 04, 2019	0.80	1.25	0.80	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 04, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 04, 2019	0.02	0.02	0.02	100.0%
18950630	265	2218	BURNETT	13127750	5	Aug 04, 2019	2.62	2.62	2.62	100.0%
18960302	309	873	MOORE	13132050	4	Aug 04, 2019	0.25	0.39	0.25	100.0%
18960302	402	872	MOORE	13132050	4	Aug 04, 2019	0.25	0.39	0.25	100.0%
18960327	29	839	MOORE	13132050	4	Aug 04, 2019	1.60	2.49	1.60	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Aug 04, 2019	0.50	0.50	0.50	100.0%
18960601	13	1119	MOORE	13132050	4	Aug 04, 2019	0.40	0.62	0.06	16.2%
18960601	406	65	MOORE	13132050	4	Aug 04, 2019	0.30	0.47	0.05	16.2%
18960601	182	541	MOORE	13132050	4	Aug 04, 2019	0.57	0.89	0.09	16.2%
18960601	463	128	MOORE	13132050	4	Aug 04, 2019	0.80	1.25	0.13	16.2%
18960601	263	397	MOORE	13132050	4	Aug 04, 2019	0.35	0.55	0.06	16.2%
18960601	417	381	MOORE	13132050	4	Aug 04, 2019	2.40	3.74	0.39	16.2%
18960601	417	992	MOORE	13132050	4	Aug 04, 2019	1.20	1.87	0.19	16.2%
18960601	309	877	MOORE	13132050	4	Aug 04, 2019	0.08	0.13	0.01	12.6%
18960601	85	1522	MOORE	13132050	4	Aug 04, 2019	1.14	1.78	0.19	16.2%
18960601	442	2196	MOORE	13132050	4	Aug 04, 2019	1.54	2.40	0.25	16.2%
18960601	533	424	MOORE	13132050	4	Aug 04, 2019	0.11	0.17	0.01	12.6%
18960601	15	1106	MOORE	13132050	4	Aug 04, 2019	1.17	1.82	0.19	16.2%
18960601	96	461	MOORE	13132050	4	Aug 04, 2019	0.73	1.14	0.12	16.2%
18960601	96	457	MOORE	13132050	4	Aug 04, 2019	0.92	1.43	0.15	16.2%
18960601	441	207	MOORE	13132050	4	Aug 04, 2019	0.85	1.32	0.14	16.2%
18960601	85	1521	MOORE	13132050	4	Aug 04, 2019	0.23	0.36	0.03	12.6%
18960601	604	1711	MOORE	13132050	4	Aug 04, 2019	0.09	0.14	0.01	12.6%
18960601	402	876	MOORE	13132050	4	Aug 04, 2019	0.08	0.13	0.01	12.6%
18960601	263	399	MOORE	13132050	4	Aug 04, 2019	0.27	0.42	0.03	12.6%
18960601	252	359	DARLINGTON	13127735	5	Aug 04, 2019	0.71	0.71	0.12	16.2%
18960601	381	1180	DARLINGTON	13127735	5	Aug 04, 2019	1.13	1.13	0.18	16.2%
18970515	130	1286	NEILSEN	13120805	9	Aug 04, 2019	2.00	2.00	2.00	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 04, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 04, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Aug 04, 2019	0.62	0.62	0.62	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Aug 04, 2019	0.41	0.41	0.41	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 04, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 04, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 04, 2019	6.40	6.40	6.40	100.0%

19010731	130	1284	Donahue 2	13122950	8	Aug 04, 2019	2.00	2.00	2.00	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Aug 04, 2019	0.50	0.50	0.50	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 04, 2019	0.90	0.90	0.90	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 04, 2019	0.18	0.18	0.18	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 04, 2019	2.25	2.25	2.25	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 04, 2019	2.90	2.90	2.90	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 04, 2019	0.80	0.80	0.80	100.0%
19020301	60	1777	CHILLY	13121105	9	Aug 04, 2019	0.07	0.07	0.07	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 04, 2019	3.20	3.20	3.20	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 04, 2019	0.13	0.13	0.13	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 04, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 04, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 04, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 04, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 04, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 04, 2019	0.62	0.62	0.62	100.0%
19020601	501	84	Zollinger 1	13122245	8	Aug 04, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Aug 04, 2019	0.93	0.93	0.93	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Aug 04, 2019	0.62	0.62	0.62	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 04, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 04, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Aug 04, 2019	0.24	0.24	0.24	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 04, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 04, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 04, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Aug 04, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 04, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Aug 04, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 04, 2019	0.13	0.13	0.13	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Aug 04, 2019	0.04	0.04	0.04	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 04, 2019	0.10	0.10	0.10	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 04, 2019	0.50	0.50	0.50	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 04, 2019	0.82	0.82	0.82	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 04, 2019	0.40	0.40	0.40	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 04, 2019	0.65	0.65	0.65	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 04, 2019	1.52	1.52	1.52	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 04, 2019	1.30	1.30	1.30	100.0%
19050501	232	2155	NEILSEN	13120805	9	Aug 04, 2019	0.12	0.12	0.12	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 04, 2019	0.30	0.30	0.30	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 04, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 04, 2019	1.10	1.10	1.10	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 04, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 04, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 04, 2019	0.28	0.28	0.28	100.0%
19060620	364	691	CHILLY	13121105	9	Aug 04, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 04, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 04, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Aug 04, 2019	0.50	0.50	0.50	100.0%
19090830	575	890	Broken River Pum	13124050	8	Aug 04, 2019	2.00	2.00	2.00	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Aug 04, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Aug 04, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 04, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Aug 04, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Aug 04, 2019	0.20	0.20	0.20	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Aug 04, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 04, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 04, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 04, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	Aug 04, 2019	2.20	2.20	2.20	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 04, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 04, 2019	1.70	1.70	1.70	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 04, 2019	1.39	1.39	1.39	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 04, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Aug 04, 2019	0.18	0.18	0.18	100.0%

19140601	445	413	NEILSEN	13120805	9	Aug 04, 2019	0.02	0.02	0.02	100.0%
19160501	101	1371	NEILSEN	13120805	9	Aug 04, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Aug 04, 2019	2.35	2.35	2.35	99.9%
19160701	101	1208	NEILSEN	13120805	9	Aug 04, 2019	1.32	1.32	1.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Aug 04, 2019	3.16	3.16	3.16	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 04, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 04, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 5, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Aug 5	261.0	3.5	0.0	264.5	0.00	264.5	3.5	0.0	0.0	261.0	0.0	0.0
9	Howell to Chilly	Aug 5	42.1	103.5	0.0	-115.4	0.44	149.1	98.9	4.6	0.0	46.7	-4.6	0.0
8	Chilly to Reservoir	* Aug 5	264.7	40.6	0.0	263.2	0.00	412.3	40.3	0.3	0.0	269.7	-4.9	0.0
	Disconnected													
7	Mackay Reservoir	* Aug 5	473.6	0.0	0.0	264.7	0.00	283.6	0.0		0.0	264.7	208.9	0.0
6	Reservoir to 2B	Aug 5	465.0	8.6	0.0	0.0	0.00	264.7	7.9	0.7	0.0	256.9	208.1	0.0
5	2B to Leslie	Aug 5	334.0	149.8	0.0	18.8	0.00	283.6	100.6	49.3	0.0	175.1	158.9	0.0
4	Leslie to Moore	Aug 5	77.9	133.4	0.0	-122.7	0.37	283.6	78.8	54.6	0.0	32.0	45.9	0.0
2	Moore to blw Munsey	Aug 5	3.5	54.8	9.8	-29.4	0.38	283.6	19.9	27.0	7.9	0.0	3.5	0.0
1	Blw Munsey to Arco	Aug 5	2.7	0.0	0.0	-0.8	0.22	283.6	0.0	0.0	0.0	0.0	2.7	0.0
								TOTAL	349.9	136.5	7.9			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 5	0.0	0.0		19230316	100%
9	Howell to Chilly	Aug 5	0.0	0.0		19230316	100%
8	Chilly to Reservoir	Aug 5	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 5	0.0	0.0		18940601	32%
6	Reservoir to 2B	Aug 5	0.0	0.0		18940601	32%
5	2B to Leslie	Aug 5	0.0	0.0		18940601	32%
4	Leslie to Moore	Aug 5	64.3	58.4		18940601	32%
2	Moore to blw Munsey	Aug 5	12.1	17.3		18940601	32%
1	Blw Munsey to Arco	Aug 5	0.0	0.8		18940601	32%
		TOTAL	76.4	76.5	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
37460.0	37020.0	-440.0	-221.8	13.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-42622.5
Total Storage Deliver	-22370.3
Total Evaporation	-1796.8
Accounting Balance	36786.0
Current Res Content	37020.0
Storage Balance Error	-234.0

DAILY STORAGE BALANCE

37460.0	Reservoir Content Previous Day [ac-ft]
37020.0	Reservoir Content Current Day [ac-ft]
-440.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-157.1	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-58.4	Leslie to Moore [cfs]
-17.3	Moore blw Munsey [cfs]
-0.8	blw Munsey to Arco Gage [cfs]
-2.7	Past Arco Gage [cfs]
-262.8	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.7	Reservoir to 2B [cfs]
49.3	2B to Leslie [cfs]
54.6	Leslie to Moore [cfs]
27.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-25.7	Evaporation [ac-ft]
-445.6	Accounting Change in Storage [ac-ft]
-5.6	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

264.7	Gain in/above Mackay Reservoir [cfs]
18.8	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
283.5	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
76.4	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
64.3	Leslie to Moore [cfs]
12.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
207.2	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
7.9	Reservoir to 2B [cfs]
100.6	2B to Leslie [cfs]
78.8	Leslie to Moore [cfs]
19.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
283.6	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.6	580
Eastside Felton Wier +	16.1	805
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	0.0	0
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	9.8	490
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	37.5	1875
Groundwater to Arco	0.0	0
Groundwater to Munsey	9.8	490

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.5	25
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.2	110
Island Wanstrom David +	0.0	0
Eastside OUT	20.4	1020
Total Out	31.7	1585

Abbreviated Reach Delivery Factor 0.85
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 71.2%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 7.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 13.4 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 18.9 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 255.9%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 7.4 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 7.6 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 222.5%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 182.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 5, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	4.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	8.6	0.7	47.8
9	BITTON	4.5	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	2.2	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	25.0	7.1	680.6
9	Thalman Hunter D	1.5	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	48.2	18.5	1164.7
9	NEILSEN	44.0	4.6	693.8	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	76.6	23.6	2275.7
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	47.2	0.0	6.4	8	Broken River Pum	5.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	11.8	5.2	1077.1
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.4	0.3	158.5	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	1.0	1.0	347.1
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	6.0	0.0	0.0	8	Freeman Ditch	2.5	0.0	0.0	4	MOORE	113.0	49.0	4561.5
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	7.6	0.0	8580.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	24.8	8.5	1475.6
8	Donahue 2	1.6	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	30.0	19.4	1025.4
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	610.9	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	9.8	699.9
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	0.0	389.7	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	281.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 05, 2019	5.00	5.00	5.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 05, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 05, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 05, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Aug 05, 2019	3.00	3.00	3.00	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 05, 2019	1.46	2.31	1.46	100.0%
18830601	224	854	MOORE	13132050	4	Aug 05, 2019	2.80	4.43	2.80	100.0%
18830601	221	855	MOORE	13132050	4	Aug 05, 2019	1.60	2.53	1.60	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 05, 2019	0.27	0.43	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 05, 2019	0.79	1.25	0.79	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 05, 2019	1.13	1.79	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 05, 2019	1.70	2.69	1.70	100.0%
18830810	263	393	MOORE	13132050	4	Aug 05, 2019	0.18	0.28	0.18	100.0%
18830810	651	1726	MOORE	13132050	4	Aug 05, 2019	0.01	0.02	0.01	100.0%
18830810	96	449	MOORE	13132050	4	Aug 05, 2019	0.48	0.76	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Aug 05, 2019	0.18	0.28	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 05, 2019	0.21	0.34	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 05, 2019	1.64	2.59	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Aug 05, 2019	0.14	0.22	0.14	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 05, 2019	0.12	0.12	0.12	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Aug 05, 2019	1.12	1.12	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 05, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 05, 2019	1.62	1.62	1.62	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 05, 2019	1.44	1.44	1.44	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 05, 2019	2.17	2.17	2.17	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 05, 2019	0.20	0.20	0.20	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 05, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 05, 2019	0.55	0.55	0.55	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 05, 2019	0.96	0.96	0.96	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 05, 2019	0.14	0.14	0.14	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 05, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 05, 2019	0.21	0.21	0.21	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 05, 2019	1.92	1.92	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 05, 2019	2.00	2.00	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 05, 2019	0.50	0.50	0.50	100.0%
18840422	284	228	SHARP	13126500	6	Aug 05, 2019	0.13	0.13	0.13	100.0%
18840422	544	2189	SHARP	13126500	6	Aug 05, 2019	1.00	1.00	1.00	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 05, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Aug 05, 2019	3.38	3.38	3.38	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 05, 2019	0.56	0.56	0.56	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 05, 2019	0.08	0.08	0.08	100.0%
18840422	24	120	SHARP	13126500	6	Aug 05, 2019	0.06	0.06	0.06	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 05, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Aug 05, 2019	1.10	1.74	1.10	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 05, 2019	1.23	1.23	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 05, 2019	0.77	0.77	0.77	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 05, 2019	0.80	0.80	0.80	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 05, 2019	0.40	0.40	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 05, 2019	1.60	1.60	1.60	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 05, 2019	0.66	1.04	0.66	100.0%
18840520	219	547	MOORE	13132050	4	Aug 05, 2019	1.15	1.82	1.15	100.0%
18840520	651	1727	MOORE	13132050	4	Aug 05, 2019	0.02	0.03	0.02	100.0%
18840520	2335	1886	MOORE	13132050	4	Aug 05, 2019	0.90	1.42	0.90	100.0%
18840520	433	271	MOORE	13132050	4	Aug 05, 2019	0.54	0.85	0.54	100.0%
18840520	427	1	MOORE	13132050	4	Aug 05, 2019	1.12	1.77	1.12	100.0%
18840520	263	394	MOORE	13132050	4	Aug 05, 2019	0.22	0.35	0.22	100.0%
18840520	242	210	MOORE	13132050	4	Aug 05, 2019	0.21	0.33	0.21	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 05, 2019	2.14	3.38	2.14	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 05, 2019	2.24	3.54	2.24	100.0%

18840520	156	2002	MOORE	13132050	4	Aug 05, 2019	0.38	0.60	0.38	100.0%
18840520	85	1584	MOORE	13132050	4	Aug 05, 2019	0.22	0.35	0.22	100.0%
18840520	96	451	MOORE	13132050	4	Aug 05, 2019	0.58	0.92	0.58	100.0%
18840520	180	470	MOORE	13132050	4	Aug 05, 2019	0.16	0.25	0.16	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 05, 2019	1.60	2.53	1.60	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 05, 2019	0.04	0.06	0.04	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 05, 2019	0.01	0.02	0.01	100.0%
18840520	340	816	MOORE	13132050	4	Aug 05, 2019	0.36	0.58	0.36	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 05, 2019	1.15	1.82	1.15	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 05, 2019	1.60	2.53	1.60	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 05, 2019	0.01	0.02	0.01	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 05, 2019	0.18	0.29	0.18	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 05, 2019	0.04	0.06	0.04	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 05, 2019	0.78	1.23	0.78	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 05, 2019	0.02	0.03	0.02	100.0%
18840520	113	585	MOORE	13132050	4	Aug 05, 2019	0.11	0.17	0.11	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 05, 2019	0.80	1.26	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Aug 05, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 05, 2019	0.72	0.72	0.72	100.0%
18840601	15	131	MOORE	13132050	4	Aug 05, 2019	0.37	0.58	0.37	100.0%
18840601	96	453	MOORE	13132050	4	Aug 05, 2019	0.21	0.33	0.21	100.0%
18840601	263	395	MOORE	13132050	4	Aug 05, 2019	0.08	0.13	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 05, 2019	0.94	1.49	0.94	100.0%
18840601	85	1585	MOORE	13132050	4	Aug 05, 2019	0.08	0.13	0.08	100.0%
18840601	651	1728	MOORE	13132050	4	Aug 05, 2019	0.01	0.02	0.01	100.0%
18840601	85	1545	MOORE	13132050	4	Aug 05, 2019	0.54	0.85	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Aug 05, 2019	0.09	0.14	0.09	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 05, 2019	0.16	0.25	0.16	100.0%
18840601	360	693	BURNETT	13127750	5	Aug 05, 2019	0.80	0.80	0.80	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 05, 2019	0.23	0.23	0.23	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 05, 2019	0.80	0.80	0.80	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 05, 2019	0.37	0.37	0.37	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 05, 2019	0.73	0.73	0.73	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 05, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 05, 2019	0.40	0.40	0.40	100.0%
18840715	15	799	MOORE	13132050	4	Aug 05, 2019	0.80	1.26	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 05, 2019	0.80	1.26	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 05, 2019	0.80	1.26	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 05, 2019	1.20	1.90	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Aug 05, 2019	0.80	1.26	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 05, 2019	1.20	1.90	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Aug 05, 2019	0.72	1.14	0.72	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 05, 2019	0.80	1.26	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 05, 2019	0.45	0.71	0.45	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 05, 2019	0.70	1.11	0.70	100.0%
18840831	533	421	MOORE	13132050	4	Aug 05, 2019	0.14	0.22	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 05, 2019	0.06	0.09	0.06	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 05, 2019	0.20	0.32	0.20	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 05, 2019	0.40	0.63	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 05, 2019	0.50	0.79	0.50	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 05, 2019	3.20	5.06	3.20	100.0%
18840914	360	68	BURNETT	13127750	5	Aug 05, 2019	0.80	0.80	0.80	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 05, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Aug 05, 2019	1.76	2.78	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Aug 05, 2019	0.58	0.92	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Aug 05, 2019	1.25	1.98	1.25	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 05, 2019	0.89	1.41	0.89	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 05, 2019	2.78	2.78	2.78	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 05, 2019	0.43	0.43	0.43	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 05, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 05, 2019	0.81	0.81	0.81	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 05, 2019	0.11	0.11	0.11	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 05, 2019	0.74	0.74	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 05, 2019	3.30	3.30	3.30	100.0%

18841012	603	1448	SWAUGER	13127600	5	Aug 05, 2019	1.20	1.20	1.20	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Aug 05, 2019	1.09	1.09	1.09	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 05, 2019	1.65	1.65	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 05, 2019	0.79	0.79	0.79	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 05, 2019	0.61	0.61	0.61	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 05, 2019	0.12	0.12	0.12	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 05, 2019	2.00	2.00	2.00	100.0%
18850501	468	59	ARCO	13132365	2	Aug 05, 2019	0.74	1.88	0.74	100.0%
18850501	423	87	ARCO	13132365	2	Aug 05, 2019	0.20	0.51	0.20	100.0%
18850501	423	186	ARCO	13132365	2	Aug 05, 2019	0.26	0.66	0.26	100.0%
18850501	2549	2147	EASTSIDE FIELD H	13132061	4	Aug 05, 2019	0.62	0.98	0.62	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 05, 2019	0.24	0.38	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 05, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 05, 2019	0.50	0.50	0.50	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 05, 2019	0.20	0.32	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 05, 2019	0.28	0.44	0.28	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 05, 2019	0.56	0.89	0.56	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 05, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 05, 2019	0.19	0.19	0.19	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 05, 2019	0.11	0.11	0.11	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 05, 2019	1.37	1.37	1.37	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 05, 2019	1.56	2.46	1.56	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 05, 2019	3.20	3.20	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 05, 2019	2.00	2.00	2.00	100.0%
18850601	205	2064	BECK	13130525	4	Aug 05, 2019	0.59	0.93	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 05, 2019	1.20	1.90	1.20	100.0%
18850601	15	859	MOORE	13132050	4	Aug 05, 2019	0.50	0.79	0.50	100.0%
18850601	2328	2171	SWAUGER	13127600	5	Aug 05, 2019	0.09	0.09	0.09	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 05, 2019	1.26	1.26	1.26	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Aug 05, 2019	1.66	1.66	1.66	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Aug 05, 2019	0.40	0.40	0.40	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 05, 2019	2.60	2.60	2.60	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Aug 05, 2019	0.80	0.80	0.80	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 05, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Aug 05, 2019	1.16	1.16	1.16	100.0%
18850601	544	2205	SHARP	13126500	6	Aug 05, 2019	0.80	0.80	0.80	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 05, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 05, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 05, 2019	3.08	3.08	3.08	100.0%
18851002	437	62	ARCO	13132365	2	Aug 05, 2019	1.54	3.91	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Aug 05, 2019	3.60	9.14	3.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 05, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	Aug 05, 2019	1.20	1.90	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 05, 2019	2.80	4.43	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 05, 2019	2.64	4.17	2.50	94.6%
18860512	85	1588	MOORE	13132050	4	Aug 05, 2019	0.18	0.28	0.18	100.0%
18860512	263	398	MOORE	13132050	4	Aug 05, 2019	0.18	0.28	0.18	100.0%
18860512	651	1731	MOORE	13132050	4	Aug 05, 2019	0.01	0.02	0.01	100.0%
18860512	96	459	MOORE	13132050	4	Aug 05, 2019	0.48	0.76	0.48	100.0%
18860601	470	1323	MOORE	13132050	4	Aug 05, 2019	0.20	0.32	0.20	100.0%
18860601	90	1377	MOORE	13132050	4	Aug 05, 2019	2.40	3.79	2.40	100.0%
18860601	470	1858	MOORE	13132050	4	Aug 05, 2019	0.09	0.14	0.09	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Aug 05, 2019	1.60	2.53	1.60	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 05, 2019	1.38	2.18	0.18	13.2%
18860601	357	1288	BURNETT	13127750	5	Aug 05, 2019	1.60	1.60	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	Aug 05, 2019	0.04	0.06	0.04	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Aug 05, 2019	0.85	0.85	0.85	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 05, 2019	1.31	1.31	1.31	100.0%
18860721	260	1668	BURNETT	13127750	5	Aug 05, 2019	1.40	1.40	1.40	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 05, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 05, 2019	2.18	2.18	2.18	100.0%
18860901	180	2	MUNSEY	13132375	2	Aug 05, 2019	0.84	2.13	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 05, 2019	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 05, 2019	2.24	2.24	2.24	100.0%

18860914	490	1795	BURNETT	13127750	5	Aug 05, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 05, 2019	0.34	0.34	0.34	100.0%
18870313	433	683	MOORE	13132050	4	Aug 05, 2019	0.70	1.11	0.70	100.0%
18870313	459	682	MOORE	13132050	4	Aug 05, 2019	0.65	1.03	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Aug 05, 2019	0.42	0.66	0.42	100.0%
18870313	73	2028	BURNETT	13127750	5	Aug 05, 2019	1.05	1.05	1.05	100.0%
18870313	360	681	BURNETT	13127750	5	Aug 05, 2019	0.80	0.80	0.80	100.0%
18870313	73	2029	BURNETT	13127750	5	Aug 05, 2019	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 05, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 05, 2019	2.80	2.80	2.80	100.0%
18870501	468	1309	ARCO	13132365	2	Aug 05, 2019	3.20	8.12	3.20	100.0%
18870601	423	76	ARCO	13132365	2	Aug 05, 2019	0.22	0.56	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Aug 05, 2019	1.80	4.57	1.80	100.0%
18870601	468	893	ARCO	13132365	2	Aug 05, 2019	1.40	3.55	1.40	100.0%
18870601	19	892	MUNSEY	13132375	2	Aug 05, 2019	1.34	3.40	1.34	100.0%
18870601	252	353	DARLINGTON	13127735	5	Aug 05, 2019	0.43	0.43	0.43	100.0%
18870601	490	1747	BURNETT	13127750	5	Aug 05, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Aug 05, 2019	0.95	0.95	0.95	100.0%
18870601	73	2022	BURNETT	13127750	5	Aug 05, 2019	1.11	1.11	1.11	100.0%
18870601	73	2023	BURNETT	13127750	5	Aug 05, 2019	0.69	0.69	0.69	100.0%
18870601	139	845	BURNETT	13127750	5	Aug 05, 2019	0.92	0.92	0.92	100.0%
18870630	236	1428	BECK	13130525	4	Aug 05, 2019	0.56	0.89	0.56	100.0%
18870630	323	945	BURNETT	13127750	5	Aug 05, 2019	0.70	0.70	0.70	100.0%
18870630	490	1395	BURNETT	13127750	5	Aug 05, 2019	0.42	0.42	0.42	100.0%
18870701	423	102	ARCO	13132365	2	Aug 05, 2019	1.60	4.06	1.60	100.0%
18870701	423	656	ARCO	13132365	2	Aug 05, 2019	1.26	3.20	1.26	100.0%
18870801	119	1166	BURNETT	13127750	5	Aug 05, 2019	0.27	0.27	0.27	100.0%
18870801	73	2017	BURNETT	13127750	5	Aug 05, 2019	0.38	0.38	0.38	100.0%
18870801	73	2016	BURNETT	13127750	5	Aug 05, 2019	0.62	0.62	0.62	100.0%
18870831	119	1154	BURNETT	13127750	5	Aug 05, 2019	1.20	1.20	1.20	100.0%
18880401	279	2120	Anderson	13120745	9	Aug 05, 2019	0.58	0.58	0.58	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Aug 05, 2019	0.39	0.39	0.39	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 05, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 05, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Aug 05, 2019	0.33	0.84	0.33	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Aug 05, 2019	0.98	0.98	0.98	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 05, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Aug 05, 2019	0.40	1.02	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Aug 05, 2019	0.87	0.87	0.87	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Aug 05, 2019	0.58	0.58	0.58	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 05, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 05, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	BITTON	13120735	9	Aug 05, 2019	1.54	1.54	1.54	100.0%
18881101	59	2222	BITTON	13120735	9	Aug 05, 2019	1.66	1.66	1.66	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Aug 05, 2019	1.26	1.26	1.26	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Aug 05, 2019	0.09	0.09	0.09	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Aug 05, 2019	1.05	1.05	1.05	100.0%
18890601	599	1552	MOORE	13132050	4	Aug 05, 2019	0.35	0.55	0.35	100.0%
18890601	441	205	MOORE	13132050	4	Aug 05, 2019	0.97	1.53	0.97	100.0%
18890601	463	1396	MOORE	13132050	4	Aug 05, 2019	0.20	0.32	0.20	100.0%
18890601	336	979	BURNETT	13127750	5	Aug 05, 2019	2.00	2.00	2.00	100.0%
18890601	119	996	BURNETT	13127750	5	Aug 05, 2019	0.16	0.16	0.16	100.0%
18890601	475	969	BURNETT	13127750	5	Aug 05, 2019	1.20	1.20	1.20	100.0%
18890601	322	968	BURNETT	13127750	5	Aug 05, 2019	0.80	0.80	0.80	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 05, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 05, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 05, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Aug 05, 2019	1.76	1.76	1.76	100.0%
18910630	205	2065	BECK	13130525	4	Aug 05, 2019	0.95	1.50	0.95	100.0%
18910630	322	1247	BURNETT	13127750	5	Aug 05, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 05, 2019	5.20	5.20	5.20	100.0%
18920501	468	60	ARCO	13132365	2	Aug 05, 2019	0.16	0.41	0.16	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 05, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 05, 2019	1.45	1.45	1.45	100.0%

18930201	463	1423	MOORE	13132050	4	Aug 05, 2019	0.30	0.47	0.30	100.0%
18930201	182	539	MOORE	13132050	4	Aug 05, 2019	0.05	0.08	0.05	100.0%
18930201	417	380	MOORE	13132050	4	Aug 05, 2019	0.22	0.35	0.22	100.0%
18930201	459	1423	MOORE	13132050	4	Aug 05, 2019	0.11	0.17	0.11	100.0%
18930323	77	366	MOORE	13132050	4	Aug 05, 2019	1.60	2.53	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Aug 05, 2019	1.50	2.37	1.50	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 05, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	BITTON	13120735	9	Aug 05, 2019	0.79	0.79	0.79	100.0%
18931101	2610	2096	BITTON	13120735	9	Aug 05, 2019	0.46	0.46	0.46	100.0%
18931101	59	1279	BITTON	13120735	9	Aug 05, 2019	0.05	0.05	0.05	100.0%
18940310	475	989	BURNETT	13127750	5	Aug 05, 2019	0.44	0.44	0.44	100.0%
18940310	661	1889	BURNETT	13127750	5	Aug 05, 2019	1.68	1.68	1.68	100.0%
18940310	357	15	BURNETT	13127750	5	Aug 05, 2019	1.90	1.90	1.90	100.0%
18940310	265	2217	BURNETT	13127750	5	Aug 05, 2019	2.80	2.80	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 05, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 05, 2019	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Aug 05, 2019	0.80	1.26	0.80	100.0%
18940531	77	800	MOORE	13132050	4	Aug 05, 2019	0.74	1.17	0.74	100.0%
18940531	5	776	MOORE	13132050	4	Aug 05, 2019	0.18	0.28	0.18	100.0%
18940601	223	1363	MUNSEY	13132375	2	Aug 05, 2019	3.20	8.12	1.02	32.0%
18940601	108	922	MOORE	13132050	4	Aug 05, 2019	0.58	0.92	0.19	32.0%
18940601	417	379	MOORE	13132050	4	Aug 05, 2019	0.15	0.24	0.05	32.0%
18940601	317	1534	SWAUGER	13127600	5	Aug 05, 2019	0.11	0.11	0.04	32.0%
18940601	139	713	BURNETT	13127750	5	Aug 05, 2019	0.56	0.56	0.18	32.0%
18940601	360	698	BURNETT	13127750	5	Aug 05, 2019	1.60	1.60	0.51	32.0%
18940601	632	1724	SHARP	13126500	6	Aug 05, 2019	0.10	0.10	0.03	32.0%
18940601	2525	1904	SHARP	13126500	6	Aug 05, 2019	0.08	0.08	0.03	32.0%
18940601	284	229	SHARP	13126500	6	Aug 05, 2019	0.09	0.09	0.03	32.0%
18940601	307	39	CHILLY	13121105	9	Aug 05, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 05, 2019	3.20	3.20	3.20	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 05, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 05, 2019	0.02	0.02	0.02	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 05, 2019	2.00	2.00	2.00	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 05, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 05, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Aug 05, 2019	0.62	0.62	0.62	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Aug 05, 2019	0.41	0.41	0.41	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 05, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 05, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 05, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	Aug 05, 2019	1.60	1.60	1.60	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Aug 05, 2019	2.24	2.24	2.24	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 05, 2019	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 05, 2019	3.20	3.20	3.20	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 05, 2019	0.09	0.09	0.09	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 05, 2019	2.60	2.60	2.60	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 05, 2019	0.13	0.13	0.13	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 05, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 05, 2019	3.40	3.40	3.40	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 05, 2019	0.80	0.80	0.80	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 05, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 05, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 05, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 05, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 05, 2019	0.62	0.62	0.62	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Aug 05, 2019	2.50	2.50	2.50	100.0%
19020601	279	2126	Anderson	13120745	9	Aug 05, 2019	0.18	0.18	0.18	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Aug 05, 2019	0.12	0.12	0.12	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 05, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Aug 05, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 05, 2019	1.08	1.08	1.08	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 05, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 05, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 05, 2019	0.15	0.15	0.15	100.0%

19040601	2329	1740	NEILSEN	13120805	9	Aug 05, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 05, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Aug 05, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 05, 2019	0.13	0.13	0.13	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 05, 2019	0.40	0.40	0.40	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 05, 2019	0.50	0.50	0.50	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 05, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 05, 2019	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 05, 2019	1.30	1.30	1.30	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Aug 05, 2019	0.27	0.27	0.27	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 05, 2019	0.10	0.10	0.10	100.0%
19050501	232	2155	NEILSEN	13120805	9	Aug 05, 2019	0.06	0.06	0.06	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 05, 2019	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 05, 2019	0.30	0.30	0.30	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 05, 2019	0.78	0.78	0.78	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 05, 2019	0.20	0.20	0.20	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 05, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 05, 2019	1.10	1.10	1.10	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 05, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 05, 2019	1.28	1.28	1.28	100.0%
19060620	364	691	CHILLY	13121105	9	Aug 05, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 05, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 05, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Aug 05, 2019	0.50	0.50	0.50	100.0%
19090830	575	890	Broken River Pum	13124050	8	Aug 05, 2019	0.82	0.82	0.82	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Aug 05, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Aug 05, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 05, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Aug 05, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Aug 05, 2019	0.70	0.70	0.70	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Aug 05, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 05, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 05, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 05, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	Aug 05, 2019	0.20	0.20	0.20	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 05, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 05, 2019	1.30	1.30	1.30	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 05, 2019	1.32	1.32	1.32	100.0%
19140601	445	413	NEILSEN	13120805	9	Aug 05, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 05, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Aug 05, 2019	0.18	0.18	0.18	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Aug 05, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Aug 05, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Aug 05, 2019	1.81	1.81	1.81	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Aug 05, 2019	0.67	0.67	0.67	100.0%
19160701	101	1208	NEILSEN	13120805	9	Aug 05, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Aug 05, 2019	0.56	0.56	0.56	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 05, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 05, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 6, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Aug 6	252.0	3.5	0.0	255.5	0.00	255.5	3.5	0.0	0.0	252.0	0.0	0.0
9	Howell to Chilly	Aug 6	36.4	103.5	0.0	-112.1	0.44	143.4	98.9	4.6	0.0	41.0	-4.6	0.0
8	Chilly to Reservoir	* Aug 6	251.9	40.6	0.0	256.1	0.00	399.5	40.3	0.3	0.0	256.8	-4.9	0.0
	Disconnected													
7	Mackay Reservoir	* Aug 6	456.6	0.0	0.0	251.9	0.00	268.9	0.0		0.0	251.9	204.7	0.0
6	Reservoir to 2B	Aug 6	448.0	8.6	0.0	0.0	0.00	251.9	8.0	0.6	0.0	243.9	204.1	0.0
5	2B to Leslie	Aug 6	322.0	143.0	0.0	17.0	0.00	268.9	90.7	52.3	0.0	170.2	151.8	0.0
4	Leslie to Moore	Aug 6	75.0	127.1	0.0	-119.9	0.37	268.9	66.6	60.5	0.0	40.2	34.8	0.0
2	Moore to blw Munsey	Aug 6	4.5	58.0	19.4	-31.9	0.43	268.9	23.1	18.4	16.5	0.0	4.5	0.0
1	Blw Munsey to Arco	Aug 6	3.4	0.0	0.0	-1.1	0.24	268.9	0.0	0.0	0.0	0.0	3.4	0.0
							TOTAL		331.1	136.7	16.5			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 6	0.0	0.0		19230316	100%
9	Howell to Chilly	Aug 6	0.0	0.0		19230316	100%
8	Chilly to Reservoir	Aug 6	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 6	0.0	0.0		18890601	84%
6	Reservoir to 2B	Aug 6	0.0	0.0		18890601	84%
5	2B to Leslie	Aug 6	0.0	0.0		18890601	84%
4	Leslie to Moore	Aug 6	63.4	56.5		18890601	84%
2	Moore to blw Munsey	Aug 6	17.1	14.8		18890601	84%
1	Blw Munsey to Arco	Aug 6	0.0	1.1		18890601	84%
		TOTAL	80.5	72.4	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
37020.0	36590.0	-430.0	-216.8	12.1

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-42772.9
Total Storage Deliver	-22631.7
Total Evaporation	-1820.8
Accounting Balance	36350.1
Current Res Content	36590.0
Storage Balance Error	-239.9

DAILY STORAGE BALANCE

37020.0	Reservoir Content Previous Day [ac-ft]
36590.0	Reservoir Content Current Day [ac-ft]
-430.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-150.4	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-56.5	Leslie to Moore [cfs]
-14.8	Moore blw Munsey [cfs]
-1.1	blw Munsey to Arco Gage [cfs]
-3.4	Past Arco Gage [cfs]
-267.7	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.6	Reservoir to 2B [cfs]
52.3	2B to Leslie [cfs]
60.5	Leslie to Moore [cfs]
21.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-24.0	Evaporation [ac-ft]
-442.1	Accounting Change in Storage [ac-ft]
-12.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

251.9	Gain in/above Mackay Reservoir [cfs]
17.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
268.9	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
80.5	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
63.4	Leslie to Moore [cfs]
17.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
188.4	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
8.0	Reservoir to 2B [cfs]
90.7	2B to Leslie [cfs]
66.6	Leslie to Moore [cfs]
23.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
268.9	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.5	575
Eastside Felton Wier +	17.6	880
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	9.8	490
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	48.5	2425
Groundwater to Arco	0.0	0
Groundwater to Munsey	19.4	970

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.5	25
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.2	110
Island Wanstrom David +	0.0	0
Eastside OUT	28.5	1425
Total Out	39.8	1990

Abbreviated Reach Delivery Factor 0.82
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 68.6%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 13.3 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 15.2 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 22.2 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 319.7%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 6.9 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 5.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 279.8%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 219.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 6, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	4.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	8.6	0.6	49.0
9	BITTON	4.5	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	2.2	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	24.5	5.8	692.2
9	Thalman Hunter D	1.5	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	42.5	13.3	1191.2
9	NEILSEN	44.0	4.6	702.9	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	76.0	33.1	2341.4
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	47.2	0.0	6.4	8	Broken River Pum	5.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	11.6	6.0	1089.0
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.4	0.3	159.2	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	1.0	1.0	349.1
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	6.0	0.0	0.0	8	Freeman Ditch	2.5	0.0	0.0	4	MOORE	109.0	54.1	4668.9
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	5.5	0.0	8580.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	28.0	8.0	1491.4
8	Donahue 2	1.6	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	30.0	13.6	1052.4
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	620.8	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	9.8	738.8
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	427.8	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	281.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 06, 2019	5.00	5.00	5.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 06, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 06, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 06, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Aug 06, 2019	3.00	3.00	3.00	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 06, 2019	0.79	1.26	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 06, 2019	1.52	2.42	1.52	100.0%
18830601	224	854	MOORE	13132050	4	Aug 06, 2019	2.92	4.65	2.92	100.0%
18830601	221	855	MOORE	13132050	4	Aug 06, 2019	1.60	2.55	1.60	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 06, 2019	0.27	0.43	0.27	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 06, 2019	1.73	2.76	1.73	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 06, 2019	1.13	1.80	1.13	100.0%
18830810	263	393	MOORE	13132050	4	Aug 06, 2019	0.18	0.29	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Aug 06, 2019	0.48	0.76	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Aug 06, 2019	0.18	0.29	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 06, 2019	0.21	0.34	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 06, 2019	1.64	2.61	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Aug 06, 2019	0.14	0.22	0.14	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 06, 2019	1.62	1.62	1.62	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 06, 2019	0.12	0.12	0.12	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Aug 06, 2019	1.12	1.12	1.12	100.0%
18840422	347	938	SWAUGER	13127600	5	Aug 06, 2019	1.80	1.80	1.80	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 06, 2019	0.07	0.07	0.07	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 06, 2019	1.44	1.44	1.44	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 06, 2019	0.20	0.20	0.20	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 06, 2019	0.14	0.14	0.14	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 06, 2019	0.55	0.55	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 06, 2019	1.63	1.63	1.63	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 06, 2019	2.17	2.17	2.17	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 06, 2019	0.96	0.96	0.96	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 06, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 06, 2019	0.79	0.79	0.79	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 06, 2019	2.00	2.00	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 06, 2019	0.50	0.50	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 06, 2019	1.92	1.92	1.92	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 06, 2019	0.08	0.08	0.08	100.0%
18840422	24	120	SHARP	13126500	6	Aug 06, 2019	0.06	0.06	0.06	100.0%
18840422	347	938	SHARP	13126500	6	Aug 06, 2019	2.20	2.20	2.20	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 06, 2019	0.12	0.12	0.12	100.0%
18840422	284	228	SHARP	13126500	6	Aug 06, 2019	0.13	0.13	0.13	100.0%
18840422	397	10	SHARP	13126500	6	Aug 06, 2019	0.12	0.12	0.12	100.0%
18840422	544	2189	SHARP	13126500	6	Aug 06, 2019	1.00	1.00	1.00	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 06, 2019	0.58	0.58	0.58	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 06, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Aug 06, 2019	1.08	1.72	1.08	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 06, 2019	1.60	1.60	1.60	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 06, 2019	1.23	1.23	1.23	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 06, 2019	0.40	0.40	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 06, 2019	0.77	0.77	0.77	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 06, 2019	0.80	0.80	0.80	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 06, 2019	0.18	0.29	0.18	100.0%
18840520	340	816	MOORE	13132050	4	Aug 06, 2019	0.36	0.58	0.36	100.0%
18840520	85	1584	MOORE	13132050	4	Aug 06, 2019	0.22	0.35	0.22	100.0%
18840520	427	1	MOORE	13132050	4	Aug 06, 2019	1.16	1.85	1.16	100.0%
18840520	242	210	MOORE	13132050	4	Aug 06, 2019	0.21	0.33	0.21	100.0%
18840520	96	451	MOORE	13132050	4	Aug 06, 2019	0.58	0.92	0.58	100.0%
18840520	219	547	MOORE	13132050	4	Aug 06, 2019	1.15	1.83	1.15	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 06, 2019	0.01	0.02	0.01	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 06, 2019	0.01	0.02	0.01	100.0%

18840520	113	585	MOORE	13132050	4	Aug 06, 2019	0.11	0.18	0.11	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 06, 2019	1.60	2.55	1.60	100.0%
18840520	180	470	MOORE	13132050	4	Aug 06, 2019	0.16	0.25	0.16	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 06, 2019	1.60	2.55	1.60	100.0%
18840520	433	271	MOORE	13132050	4	Aug 06, 2019	0.54	0.86	0.54	100.0%
18840520	263	394	MOORE	13132050	4	Aug 06, 2019	0.22	0.35	0.22	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 06, 2019	0.04	0.06	0.04	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 06, 2019	0.78	1.24	0.78	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 06, 2019	1.12	1.78	1.12	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 06, 2019	0.70	1.12	0.70	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 06, 2019	2.24	3.57	2.24	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 06, 2019	0.04	0.06	0.04	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 06, 2019	2.14	3.41	2.14	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 06, 2019	0.02	0.03	0.02	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 06, 2019	0.80	1.27	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Aug 06, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 06, 2019	0.72	0.72	0.72	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 06, 2019	0.98	1.56	0.98	100.0%
18840601	85	1585	MOORE	13132050	4	Aug 06, 2019	0.08	0.13	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Aug 06, 2019	0.09	0.14	0.09	100.0%
18840601	15	131	MOORE	13132050	4	Aug 06, 2019	0.37	0.59	0.37	100.0%
18840601	96	453	MOORE	13132050	4	Aug 06, 2019	0.21	0.33	0.21	100.0%
18840601	85	1545	MOORE	13132050	4	Aug 06, 2019	0.54	0.86	0.54	100.0%
18840601	263	395	MOORE	13132050	4	Aug 06, 2019	0.08	0.13	0.08	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 06, 2019	0.16	0.25	0.16	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 06, 2019	0.73	0.73	0.73	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 06, 2019	0.37	0.37	0.37	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 06, 2019	0.80	0.80	0.80	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 06, 2019	0.23	0.23	0.23	100.0%
18840601	360	693	BURNETT	13127750	5	Aug 06, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 06, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 06, 2019	0.80	0.80	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Aug 06, 2019	0.76	1.21	0.76	100.0%
18840715	459	798	MOORE	13132050	4	Aug 06, 2019	0.80	1.27	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 06, 2019	1.20	1.91	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 06, 2019	0.80	1.27	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 06, 2019	1.20	1.91	1.20	100.0%
18840715	15	799	MOORE	13132050	4	Aug 06, 2019	0.80	1.27	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 06, 2019	0.80	1.27	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 06, 2019	0.80	1.27	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 06, 2019	0.49	0.78	0.49	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 06, 2019	0.78	1.24	0.78	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 06, 2019	0.20	0.32	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 06, 2019	0.58	0.92	0.58	100.0%
18840831	533	421	MOORE	13132050	4	Aug 06, 2019	0.14	0.22	0.14	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 06, 2019	0.50	0.80	0.50	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 06, 2019	0.40	0.64	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 06, 2019	3.20	5.10	3.20	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 06, 2019	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Aug 06, 2019	0.80	0.80	0.80	100.0%
18841012	205	2067	BECK	13130525	4	Aug 06, 2019	1.76	2.80	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 06, 2019	0.89	1.42	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Aug 06, 2019	1.25	1.99	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Aug 06, 2019	0.58	0.92	0.58	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 06, 2019	0.11	0.11	0.11	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 06, 2019	0.81	0.81	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 06, 2019	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 06, 2019	0.74	0.74	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 06, 2019	3.30	3.30	3.30	100.0%
18841012	347	1974	SWAUGER	13127600	5	Aug 06, 2019	0.48	0.48	0.48	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 06, 2019	1.28	1.28	1.28	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 06, 2019	0.43	0.43	0.43	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 06, 2019	1.20	1.20	1.20	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Aug 06, 2019	1.09	1.09	1.09	100.0%

18841012	347	1974	SHARP	13126500	6	Aug 06, 2019	0.58	0.58	0.58	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 06, 2019	0.30	0.30	0.30	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 06, 2019	2.00	2.00	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 06, 2019	0.61	0.61	0.61	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 06, 2019	1.65	1.65	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 06, 2019	0.79	0.79	0.79	100.0%
18850501	423	186	ARCO	13132365	2	Aug 06, 2019	0.26	0.72	0.26	100.0%
18850501	468	59	ARCO	13132365	2	Aug 06, 2019	0.74	2.05	0.74	100.0%
18850501	423	87	ARCO	13132365	2	Aug 06, 2019	0.20	0.55	0.20	100.0%
18850501	2549	2147	EASTSIDE FIELD H	13132061	4	Aug 06, 2019	0.62	0.99	0.62	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 06, 2019	0.24	0.38	0.24	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 06, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 06, 2019	2.80	2.80	2.80	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 06, 2019	0.32	0.51	0.32	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 06, 2019	0.20	0.32	0.20	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 06, 2019	0.56	0.89	0.56	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 06, 2019	0.11	0.11	0.11	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 06, 2019	1.37	1.37	1.37	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 06, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 06, 2019	0.19	0.19	0.19	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 06, 2019	1.56	2.48	1.56	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 06, 2019	2.00	2.00	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 06, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Aug 06, 2019	0.59	0.94	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Aug 06, 2019	0.50	0.80	0.50	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 06, 2019	1.20	1.91	1.20	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 06, 2019	0.82	0.82	0.82	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Aug 06, 2019	0.65	0.65	0.65	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 06, 2019	2.60	2.60	2.60	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Aug 06, 2019	1.66	1.66	1.66	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 06, 2019	1.54	1.54	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Aug 06, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Aug 06, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 06, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 06, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 06, 2019	3.08	3.08	3.08	100.0%
18851002	437	62	ARCO	13132365	2	Aug 06, 2019	1.54	4.27	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Aug 06, 2019	3.60	9.99	3.60	100.0%
18851002	356	42	ARCO	13132365	2	Aug 06, 2019	4.10	11.37	4.10	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 06, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 06, 2019	2.80	4.46	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Aug 06, 2019	1.20	1.91	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 06, 2019	2.64	4.21	1.21	45.9%
18860512	263	398	MOORE	13132050	4	Aug 06, 2019	0.18	0.29	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	Aug 06, 2019	0.18	0.29	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Aug 06, 2019	0.48	0.76	0.48	100.0%
18860601	470	1323	MOORE	13132050	4	Aug 06, 2019	0.20	0.32	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Aug 06, 2019	0.09	0.14	0.09	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Aug 06, 2019	1.24	1.98	0.87	69.8%
18860601	357	1288	BURNETT	13127750	5	Aug 06, 2019	1.60	1.60	1.60	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 06, 2019	1.31	1.31	1.31	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Aug 06, 2019	0.85	0.85	0.85	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 06, 2019	2.24	2.24	2.24	100.0%
18860721	260	1668	BURNETT	13127750	5	Aug 06, 2019	1.42	1.42	1.42	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 06, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Aug 06, 2019	0.84	2.33	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 06, 2019	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 06, 2019	2.31	2.31	2.31	100.0%
18860914	490	1795	BURNETT	13127750	5	Aug 06, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 06, 2019	0.34	0.34	0.34	100.0%
18870313	459	682	MOORE	13132050	4	Aug 06, 2019	0.65	1.04	0.65	100.0%
18870313	433	683	MOORE	13132050	4	Aug 06, 2019	0.70	1.12	0.70	100.0%
18870313	459	338	MOORE	13132050	4	Aug 06, 2019	0.42	0.67	0.42	100.0%
18870313	73	2028	BURNETT	13127750	5	Aug 06, 2019	1.05	1.05	1.05	100.0%

18870313	360	681	BURNETT	13127750	5	Aug 06, 2019	0.80	0.80	0.80	100.0%
18870313	73	2029	BURNETT	13127750	5	Aug 06, 2019	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 06, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 06, 2019	2.80	2.80	2.80	100.0%
18870501	468	1309	ARCO	13132365	2	Aug 06, 2019	3.20	8.88	3.20	100.0%
18870601	468	893	ARCO	13132365	2	Aug 06, 2019	1.30	3.61	1.30	100.0%
18870601	423	76	ARCO	13132365	2	Aug 06, 2019	0.22	0.61	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Aug 06, 2019	1.80	4.99	1.80	100.0%
18870601	19	892	MUNSEY	13132375	2	Aug 06, 2019	1.34	3.72	1.34	100.0%
18870601	90	1199	MUNSEY	13132375	2	Aug 06, 2019	0.50	1.39	0.50	100.0%
18870601	252	353	DARLINGTON	13127735	5	Aug 06, 2019	0.43	0.43	0.43	100.0%
18870601	525	1471	BURNETT	13127750	5	Aug 06, 2019	0.07	0.07	0.07	100.0%
18870601	139	845	BURNETT	13127750	5	Aug 06, 2019	0.92	0.92	0.92	100.0%
18870601	490	1783	BURNETT	13127750	5	Aug 06, 2019	0.95	0.95	0.95	100.0%
18870601	490	1747	BURNETT	13127750	5	Aug 06, 2019	0.25	0.25	0.25	100.0%
18870601	73	2022	BURNETT	13127750	5	Aug 06, 2019	1.11	1.11	1.11	100.0%
18870601	73	2023	BURNETT	13127750	5	Aug 06, 2019	0.69	0.69	0.69	100.0%
18870630	236	1428	BECK	13130525	4	Aug 06, 2019	0.54	0.86	0.54	100.0%
18870630	323	945	BURNETT	13127750	5	Aug 06, 2019	0.72	0.72	0.72	100.0%
18870630	490	1395	BURNETT	13127750	5	Aug 06, 2019	0.48	0.48	0.48	100.0%
18870701	423	102	ARCO	13132365	2	Aug 06, 2019	1.60	4.44	1.60	100.0%
18870701	423	656	ARCO	13132365	2	Aug 06, 2019	1.14	3.16	1.14	100.0%
18870801	73	2016	BURNETT	13127750	5	Aug 06, 2019	0.62	0.62	0.62	100.0%
18870801	73	2017	BURNETT	13127750	5	Aug 06, 2019	0.38	0.38	0.38	100.0%
18870801	119	1166	BURNETT	13127750	5	Aug 06, 2019	0.25	0.25	0.25	100.0%
18880401	279	2120	Anderson	13120745	9	Aug 06, 2019	0.58	0.58	0.58	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Aug 06, 2019	0.39	0.39	0.39	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 06, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 06, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Aug 06, 2019	0.33	0.92	0.33	100.0%
18880601	347	1973	SWAUGER	13127600	5	Aug 06, 2019	0.54	0.54	0.54	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Aug 06, 2019	0.98	0.98	0.98	100.0%
18880601	347	1973	SHARP	13126500	6	Aug 06, 2019	0.66	0.66	0.66	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 06, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Aug 06, 2019	0.40	1.11	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Aug 06, 2019	0.87	0.87	0.87	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Aug 06, 2019	0.58	0.58	0.58	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 06, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 06, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	BITTON	13120735	9	Aug 06, 2019	1.54	1.54	1.54	100.0%
18881101	59	2222	BITTON	13120735	9	Aug 06, 2019	1.66	1.66	1.66	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Aug 06, 2019	1.16	1.16	1.16	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Aug 06, 2019	1.05	1.05	1.05	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Aug 06, 2019	0.01	0.01	0.01	100.0%
18890601	463	1396	MOORE	13132050	4	Aug 06, 2019	0.20	0.32	0.17	83.7%
18890601	441	205	MOORE	13132050	4	Aug 06, 2019	0.97	1.55	0.81	83.7%
18890601	322	968	BURNETT	13127750	5	Aug 06, 2019	0.80	0.80	0.67	83.7%
18890601	336	979	BURNETT	13127750	5	Aug 06, 2019	2.00	2.00	1.67	83.7%
18890601	475	969	BURNETT	13127750	5	Aug 06, 2019	1.20	1.20	1.00	83.7%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 06, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 06, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 06, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Aug 06, 2019	1.76	1.76	1.76	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 06, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 06, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 06, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 06, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	BITTON	13120735	9	Aug 06, 2019	0.79	0.79	0.79	100.0%
18931101	59	1279	BITTON	13120735	9	Aug 06, 2019	0.05	0.05	0.05	100.0%
18931101	2610	2096	BITTON	13120735	9	Aug 06, 2019	0.46	0.46	0.46	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 06, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 06, 2019	2.98	2.98	2.98	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 06, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 06, 2019	3.20	3.20	3.20	100.0%

18950601	445	410	NEILSEN	13120805	9	Aug 06, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 06, 2019	0.02	0.02	0.02	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 06, 2019	2.00	2.00	2.00	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 06, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 06, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Aug 06, 2019	0.62	0.62	0.62	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Aug 06, 2019	0.41	0.41	0.41	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 06, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 06, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 06, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	Aug 06, 2019	1.60	1.60	1.60	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Aug 06, 2019	2.24	2.24	2.24	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 06, 2019	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 06, 2019	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 06, 2019	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 06, 2019	1.60	1.60	1.60	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 06, 2019	0.09	0.09	0.09	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 06, 2019	0.13	0.13	0.13	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 06, 2019	3.40	3.40	3.40	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 06, 2019	2.60	2.60	2.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 06, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 06, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 06, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 06, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 06, 2019	0.62	0.62	0.62	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Aug 06, 2019	2.50	2.50	2.50	100.0%
19020601	279	2126	Anderson	13120745	9	Aug 06, 2019	0.18	0.18	0.18	100.0%
19020601	279	2126	Thalman Hunter D	13120755	9	Aug 06, 2019	0.12	0.12	0.12	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 06, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Aug 06, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 06, 2019	1.08	1.08	1.08	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 06, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 06, 2019	1.60	1.60	1.60	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Aug 06, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 06, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 06, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Aug 06, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 06, 2019	0.13	0.13	0.13	100.0%
19050501	232	2155	NEILSEN	13120805	9	Aug 06, 2019	0.06	0.06	0.06	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 06, 2019	0.10	0.10	0.10	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 06, 2019	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 06, 2019	1.30	1.30	1.30	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 06, 2019	0.30	0.30	0.30	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 06, 2019	0.50	0.50	0.50	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 06, 2019	3.00	3.00	3.00	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 06, 2019	0.40	0.40	0.40	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 06, 2019	0.65	0.65	0.65	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Aug 06, 2019	0.27	0.27	0.27	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 06, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 06, 2019	0.78	0.78	0.78	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 06, 2019	1.10	1.10	1.10	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 06, 2019	0.20	0.20	0.20	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 06, 2019	0.40	0.40	0.40	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 06, 2019	1.28	1.28	1.28	100.0%
19060620	364	691	CHILLY	13121105	9	Aug 06, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 06, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 06, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Aug 06, 2019	0.50	0.50	0.50	100.0%
19090830	575	890	Broken River Pum	13124050	8	Aug 06, 2019	0.82	0.82	0.82	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Aug 06, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Aug 06, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 06, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Aug 06, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Aug 06, 2019	0.70	0.70	0.70	100.0%

19120327	101	720	Shoupe Ditch	13124195	8	Aug 06, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 06, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 06, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 06, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 06, 2019	1.30	1.30	1.30	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 06, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Aug 06, 2019	0.20	0.20	0.20	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 06, 2019	1.32	1.32	1.32	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 06, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Aug 06, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Aug 06, 2019	0.02	0.02	0.02	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Aug 06, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Aug 06, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Aug 06, 2019	1.81	1.81	1.81	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Aug 06, 2019	0.67	0.67	0.67	100.0%
19160701	101	1208	NEILSEN	13120805	9	Aug 06, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Aug 06, 2019	0.56	0.56	0.56	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 06, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 06, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 7, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Aug 7	250.0	3.0	0.0	253.0	0.00	253.0	3.0	0.0	0.0	250.0	0.0	0.0
9	Howell to Chilly	Aug 7	33.2	101.7	0.0	-115.1	0.46	137.9	97.1	4.6	0.0	37.8	-4.6	0.0
8	Chilly to Reservoir	* Aug 7	255.1	41.1	0.0	263.0	0.00	400.9	40.8	0.3	0.0	260.0	-4.9	0.0
	Disconnected													
7	Mackay Reservoir	* Aug 7	440.8	0.0	0.0	255.1	0.00	258.7	0.0		0.0	255.1	185.7	0.0
6	Reservoir to 2B	Aug 7	432.0	8.8	0.0	0.0	0.00	255.1	6.3	2.5	0.0	248.8	183.2	0.0
5	2B to Leslie	Aug 7	299.0	136.6	0.0	3.6	0.00	258.7	90.6	46.0	0.0	161.8	137.2	0.0
4	Leslie to Moore	Aug 7	65.4	127.5	0.0	-106.1	0.35	258.7	68.5	59.0	0.0	35.9	29.5	0.0
2	Moore to blw Munsey	Aug 7	3.5	58.0	19.4	-23.3	0.36	258.7	23.1	17.0	17.9	0.0	3.5	0.0
1	Blw Munsey to Arco	Aug 7	6.3	0.0	0.0	2.8	0.00	261.5	0.0	0.0	0.0	2.8	3.5	0.0
								TOTAL	329.4	129.4	17.9			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 7	0.0	0.0		19230316	100%
9	Howell to Chilly	Aug 7	0.0	0.0		19230316	100%
8	Chilly to Reservoir	Aug 7	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 7	0.0	0.0		18930201	23%
6	Reservoir to 2B	Aug 7	0.0	0.0		18930201	23%
5	2B to Leslie	Aug 7	0.0	0.0		18930201	23%
4	Leslie to Moore	Aug 7	57.4	48.7		18930201	23%
2	Moore to blw Munsey	Aug 7	12.8	10.5		18930201	23%
1	Blw Munsey to Arco	Aug 7	0.0	0.0		18930201	23%
		TOTAL	70.2	59.2	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
36590.0	36200.0	-390.0	-196.6	10.9

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-42897.3
Total Storage Deliver	-22878.7
Total Evaporation	-1842.5
Accounting Balance	35957.1
Current Res Content	36200.0
Storage Balance Error	-242.9

DAILY STORAGE BALANCE

36590.0	Reservoir Content Previous Day [ac-ft]
36200.0	Reservoir Content Current Day [ac-ft]
-390.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-124.4	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-48.7	Leslie to Moore [cfs]
-10.5	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-3.5	Past Arco Gage [cfs]
-250.3	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
2.5	Reservoir to 2B [cfs]
46.0	2B to Leslie [cfs]
59.0	Leslie to Moore [cfs]
18.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-21.6	Evaporation [ac-ft]
-396.3	Accounting Change in Storage [ac-ft]
-6.3	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

255.1	Gain in/above Mackay Reservoir [cfs]
3.6	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
2.8	Gain in Reach 1: Munsey to Arco [cfs]
261.5	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
73.0	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
57.4	Leslie to Moore [cfs]
12.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
2.8	Natural Flow Past Arco Gage [cfs]
188.5	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
6.3	Reservoir to 2B [cfs]
90.6	2B to Leslie [cfs]
68.5	Leslie to Moore [cfs]
23.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
261.5	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.2	560
Eastside Felton Wier +	16.6	830
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	9.8	490
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	0.0	0
Total In	47.2	2360
Groundwater to Arco	0.0	0
Groundwater to Munsey	19.4	970

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.5	25
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	1.5	75
Island Wanstrom David +	0.0	0
Eastside OUT	33.2	1660
Total Out	43.8	2190

Abbreviated Reach Delivery Factor 0.93
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 83.6%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 16.2 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 17.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 20.3 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 316.5%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 6.4 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 6.1 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 296.3%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 264.6%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 7, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	3.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	8.8	2.5	54.0
9	BITTON	4.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	2.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	23.3	4.9	702.0
9	Thalman Hunter D	1.5	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	43.3	14.4	1219.7
9	NEILSEN	44.0	4.6	712.0	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	70.0	26.7	2394.2
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	47.2	0.0	6.4	8	Broken River Pum	4.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	11.4	5.0	1098.9
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.4	0.3	159.8	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	1.0	1.0	351.1
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	6.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	109.0	53.6	4775.2
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	6.1	0.0	8580.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	28.0	8.0	1507.3
8	Donahue 2	1.6	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	30.0	10.7	1073.6
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	630.8	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	9.8	777.7
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	465.9	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	0.0	281.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 07, 2019	5.00	5.00	5.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 07, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 07, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 07, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Aug 07, 2019	3.00	3.00	3.00	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 07, 2019	0.27	0.42	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 07, 2019	0.79	1.22	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 07, 2019	1.52	2.36	1.52	100.0%
18830601	224	854	MOORE	13132050	4	Aug 07, 2019	2.92	4.53	2.92	100.0%
18830601	221	855	MOORE	13132050	4	Aug 07, 2019	1.60	2.48	1.60	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 07, 2019	1.73	2.68	1.73	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 07, 2019	1.13	1.75	1.13	100.0%
18830810	263	393	MOORE	13132050	4	Aug 07, 2019	0.18	0.28	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Aug 07, 2019	0.48	0.74	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Aug 07, 2019	0.18	0.28	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 07, 2019	0.21	0.33	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 07, 2019	1.64	2.54	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Aug 07, 2019	0.14	0.22	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Aug 07, 2019	1.73	1.73	1.73	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 07, 2019	0.07	0.07	0.07	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Aug 07, 2019	1.12	1.12	1.12	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 07, 2019	1.62	1.62	1.62	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 07, 2019	0.12	0.12	0.12	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 07, 2019	0.55	0.55	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 07, 2019	1.63	1.63	1.63	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 07, 2019	2.17	2.17	2.17	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 07, 2019	0.96	0.96	0.96	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 07, 2019	0.14	0.14	0.14	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 07, 2019	1.44	1.44	1.44	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 07, 2019	0.20	0.20	0.20	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 07, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 07, 2019	0.79	0.79	0.79	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 07, 2019	1.92	1.92	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 07, 2019	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 07, 2019	2.00	2.00	2.00	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 07, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Aug 07, 2019	0.13	0.13	0.13	100.0%
18840422	397	10	SHARP	13126500	6	Aug 07, 2019	0.12	0.12	0.12	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 07, 2019	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	Aug 07, 2019	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 07, 2019	0.58	0.58	0.58	100.0%
18840422	347	938	SHARP	13126500	6	Aug 07, 2019	2.27	2.27	2.27	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 07, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Aug 07, 2019	1.06	1.64	1.06	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 07, 2019	0.40	0.40	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 07, 2019	0.80	0.80	0.80	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 07, 2019	0.77	0.77	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 07, 2019	1.23	1.23	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 07, 2019	1.60	1.60	1.60	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 07, 2019	2.24	3.47	2.24	100.0%
18840520	180	470	MOORE	13132050	4	Aug 07, 2019	0.16	0.25	0.16	100.0%
18840520	113	585	MOORE	13132050	4	Aug 07, 2019	0.11	0.17	0.11	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 07, 2019	0.18	0.28	0.18	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 07, 2019	0.04	0.06	0.04	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 07, 2019	0.01	0.02	0.01	100.0%
18840520	219	547	MOORE	13132050	4	Aug 07, 2019	1.15	1.78	1.15	100.0%
18840520	242	210	MOORE	13132050	4	Aug 07, 2019	0.21	0.33	0.21	100.0%
18840520	263	394	MOORE	13132050	4	Aug 07, 2019	0.22	0.34	0.22	100.0%
18840520	340	816	MOORE	13132050	4	Aug 07, 2019	0.36	0.56	0.36	100.0%

18840520	414	1796	MOORE	13132050	4	Aug 07, 2019	1.60	2.48	1.60	100.0%
18840520	427	1	MOORE	13132050	4	Aug 07, 2019	1.16	1.80	1.16	100.0%
18840520	433	271	MOORE	13132050	4	Aug 07, 2019	0.54	0.84	0.54	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 07, 2019	2.14	3.32	2.14	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 07, 2019	0.01	0.02	0.01	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 07, 2019	1.12	1.74	1.12	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 07, 2019	1.60	2.48	1.60	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 07, 2019	0.78	1.21	0.78	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 07, 2019	0.70	1.09	0.70	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 07, 2019	0.04	0.06	0.04	100.0%
18840520	85	1584	MOORE	13132050	4	Aug 07, 2019	0.22	0.34	0.22	100.0%
18840520	96	451	MOORE	13132050	4	Aug 07, 2019	0.58	0.90	0.58	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 07, 2019	0.02	0.03	0.02	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 07, 2019	0.80	1.24	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Aug 07, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 07, 2019	0.72	0.72	0.72	100.0%
18840601	263	395	MOORE	13132050	4	Aug 07, 2019	0.08	0.12	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 07, 2019	0.98	1.52	0.98	100.0%
18840601	85	1585	MOORE	13132050	4	Aug 07, 2019	0.08	0.12	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Aug 07, 2019	0.54	0.84	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Aug 07, 2019	0.09	0.14	0.09	100.0%
18840601	96	453	MOORE	13132050	4	Aug 07, 2019	0.21	0.33	0.21	100.0%
18840601	15	131	MOORE	13132050	4	Aug 07, 2019	0.37	0.57	0.37	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 07, 2019	0.16	0.25	0.16	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 07, 2019	0.37	0.37	0.37	100.0%
18840601	360	693	BURNETT	13127750	5	Aug 07, 2019	0.80	0.80	0.80	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 07, 2019	0.73	0.73	0.73	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 07, 2019	0.80	0.80	0.80	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 07, 2019	0.23	0.23	0.23	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 07, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 07, 2019	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 07, 2019	1.20	1.86	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 07, 2019	0.80	1.24	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Aug 07, 2019	0.80	1.24	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 07, 2019	1.20	1.86	1.20	100.0%
18840715	15	799	MOORE	13132050	4	Aug 07, 2019	0.80	1.24	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Aug 07, 2019	0.76	1.18	0.76	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 07, 2019	0.80	1.24	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 07, 2019	0.78	1.21	0.78	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 07, 2019	0.80	1.24	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 07, 2019	0.49	0.76	0.49	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 07, 2019	0.20	0.31	0.20	100.0%
18840831	533	421	MOORE	13132050	4	Aug 07, 2019	0.14	0.22	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 07, 2019	0.58	0.90	0.58	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 07, 2019	0.50	0.78	0.50	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 07, 2019	0.40	0.62	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 07, 2019	3.20	4.96	3.20	100.0%
18840914	360	68	BURNETT	13127750	5	Aug 07, 2019	0.80	0.80	0.80	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 07, 2019	0.31	0.31	0.31	100.0%
18841012	205	2067	BECK	13130525	4	Aug 07, 2019	1.76	2.73	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Aug 07, 2019	1.25	1.94	1.25	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 07, 2019	0.89	1.38	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Aug 07, 2019	0.58	0.90	0.58	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 07, 2019	1.22	1.22	1.22	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 07, 2019	3.30	3.30	3.30	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 07, 2019	0.74	0.74	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 07, 2019	2.77	2.77	2.77	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 07, 2019	0.11	0.11	0.11	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 07, 2019	0.81	0.81	0.81	100.0%
18841012	347	1974	SWAUGER	13127600	5	Aug 07, 2019	0.46	0.46	0.46	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 07, 2019	0.43	0.43	0.43	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 07, 2019	1.20	1.20	1.20	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Aug 07, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Aug 07, 2019	0.60	0.60	0.60	100.0%

18850218	411	805	DARLINGTON	13127735	5	Aug 07, 2019	1.65	1.65	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 07, 2019	0.61	0.61	0.61	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 07, 2019	2.00	2.00	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 07, 2019	0.79	0.79	0.79	100.0%
18850501	423	186	ARCO	13132365	2	Aug 07, 2019	0.26	0.63	0.26	100.0%
18850501	468	59	ARCO	13132365	2	Aug 07, 2019	0.74	1.78	0.74	100.0%
18850501	423	87	ARCO	13132365	2	Aug 07, 2019	0.20	0.48	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 07, 2019	0.24	0.37	0.24	100.0%
18850501	2549	2147	EASTSIDE FIELD H	13132061	4	Aug 07, 2019	0.62	0.96	0.62	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 07, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 07, 2019	0.50	0.50	0.50	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 07, 2019	0.20	0.31	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 07, 2019	0.20	0.31	0.20	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 07, 2019	0.56	0.87	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 07, 2019	1.37	1.37	1.37	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 07, 2019	0.19	0.19	0.19	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 07, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 07, 2019	0.01	0.01	0.01	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 07, 2019	1.56	2.41	1.56	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 07, 2019	3.20	3.20	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 07, 2019	2.00	2.00	2.00	100.0%
18850601	205	2064	BECK	13130525	4	Aug 07, 2019	0.59	0.91	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Aug 07, 2019	0.50	0.78	0.50	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 07, 2019	1.20	1.86	1.20	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 07, 2019	0.70	0.70	0.70	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Aug 07, 2019	0.67	0.67	0.67	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Aug 07, 2019	1.66	1.66	1.66	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 07, 2019	2.60	2.60	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 07, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Aug 07, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 07, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 07, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 07, 2019	3.08	3.08	3.08	100.0%
18851002	356	42	ARCO	13132365	2	Aug 07, 2019	4.10	9.88	4.10	100.0%
18851002	437	62	ARCO	13132365	2	Aug 07, 2019	1.54	3.71	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Aug 07, 2019	3.60	8.67	3.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 07, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	Aug 07, 2019	1.20	1.86	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 07, 2019	2.80	4.34	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 07, 2019	2.64	4.09	1.41	53.3%
18860512	85	1588	MOORE	13132050	4	Aug 07, 2019	0.18	0.28	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Aug 07, 2019	0.48	0.74	0.48	100.0%
18860512	263	398	MOORE	13132050	4	Aug 07, 2019	0.18	0.28	0.18	100.0%
18860601	470	1858	MOORE	13132050	4	Aug 07, 2019	0.09	0.14	0.09	100.0%
18860601	470	1323	MOORE	13132050	4	Aug 07, 2019	0.20	0.31	0.20	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Aug 07, 2019	1.60	2.48	1.40	87.7%
18860601	357	1288	BURNETT	13127750	5	Aug 07, 2019	1.60	1.60	1.60	100.0%
18860601	622	1517	BURNETT	13127750	5	Aug 07, 2019	1.60	1.60	1.60	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Aug 07, 2019	0.85	0.85	0.85	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 07, 2019	1.31	1.31	1.31	100.0%
18860721	260	1668	BURNETT	13127750	5	Aug 07, 2019	1.16	1.16	1.16	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 07, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 07, 2019	1.50	1.50	1.50	100.0%
18860901	180	2	MUNSEY	13132375	2	Aug 07, 2019	0.84	2.02	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 07, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Aug 07, 2019	1.26	1.26	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 07, 2019	0.34	0.34	0.34	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 07, 2019	0.70	0.70	0.70	100.0%
18870313	433	683	MOORE	13132050	4	Aug 07, 2019	0.70	1.09	0.70	100.0%
18870313	459	338	MOORE	13132050	4	Aug 07, 2019	0.42	0.65	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Aug 07, 2019	0.65	1.01	0.65	100.0%
18870313	73	2029	BURNETT	13127750	5	Aug 07, 2019	0.65	0.65	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	Aug 07, 2019	0.80	0.80	0.80	100.0%
18870313	73	2028	BURNETT	13127750	5	Aug 07, 2019	1.05	1.05	1.05	100.0%

18870401	403	1058	NEILSEN	13120805	9	Aug 07, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 07, 2019	2.80	2.80	2.80	100.0%
18870501	468	1309	ARCO	13132365	2	Aug 07, 2019	3.20	7.71	3.20	100.0%
18870601	468	893	ARCO	13132365	2	Aug 07, 2019	1.30	3.13	1.30	100.0%
18870601	423	76	ARCO	13132365	2	Aug 07, 2019	0.22	0.53	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Aug 07, 2019	1.80	4.34	1.80	100.0%
18870601	19	892	MUNSEY	13132375	2	Aug 07, 2019	1.34	3.23	1.34	100.0%
18870601	90	1199	MUNSEY	13132375	2	Aug 07, 2019	0.50	1.20	0.50	100.0%
18870601	252	353	DARLINGTON	13127735	5	Aug 07, 2019	0.43	0.43	0.43	100.0%
18870601	490	1783	BURNETT	13127750	5	Aug 07, 2019	0.63	0.63	0.63	100.0%
18870601	490	1747	BURNETT	13127750	5	Aug 07, 2019	0.25	0.25	0.25	100.0%
18870601	139	845	BURNETT	13127750	5	Aug 07, 2019	0.92	0.92	0.92	100.0%
18870601	73	2022	BURNETT	13127750	5	Aug 07, 2019	1.11	1.11	1.11	100.0%
18870601	73	2023	BURNETT	13127750	5	Aug 07, 2019	0.69	0.69	0.69	100.0%
18870630	236	1428	BECK	13130525	4	Aug 07, 2019	0.48	0.74	0.48	100.0%
18870630	323	945	BURNETT	13127750	5	Aug 07, 2019	0.58	0.58	0.58	100.0%
18870701	423	102	ARCO	13132365	2	Aug 07, 2019	1.60	3.85	1.60	100.0%
18870701	423	656	ARCO	13132365	2	Aug 07, 2019	1.14	2.75	1.14	100.0%
18870801	73	2016	BURNETT	13127750	5	Aug 07, 2019	0.04	0.04	0.04	100.0%
18880401	279	2120	Anderson	13120745	9	Aug 07, 2019	0.55	0.55	0.55	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Aug 07, 2019	0.42	0.42	0.42	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 07, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 07, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Aug 07, 2019	0.33	0.79	0.33	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Aug 07, 2019	0.98	0.98	0.98	100.0%
18880601	347	1973	SWAUGER	13127600	5	Aug 07, 2019	0.49	0.49	0.49	100.0%
18880601	347	1973	SHARP	13126500	6	Aug 07, 2019	0.65	0.65	0.65	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 07, 2019	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	Aug 07, 2019	0.40	0.96	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Aug 07, 2019	0.83	0.83	0.83	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Aug 07, 2019	0.62	0.62	0.62	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 07, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 07, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	BITTON	13120735	9	Aug 07, 2019	1.54	1.54	1.54	100.0%
18881101	59	2222	BITTON	13120735	9	Aug 07, 2019	1.66	1.66	1.66	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Aug 07, 2019	1.16	1.16	1.16	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Aug 07, 2019	0.01	0.01	0.01	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Aug 07, 2019	1.05	1.05	1.05	100.0%
18890601	463	1396	MOORE	13132050	4	Aug 07, 2019	0.20	0.31	0.20	100.0%
18890601	441	205	MOORE	13132050	4	Aug 07, 2019	0.97	1.50	0.97	100.0%
18890601	589	716	BURNETT	13127750	5	Aug 07, 2019	2.70	2.70	2.70	100.0%
18890601	475	969	BURNETT	13127750	5	Aug 07, 2019	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Aug 07, 2019	1.60	1.60	1.60	100.0%
18890601	322	968	BURNETT	13127750	5	Aug 07, 2019	0.80	0.80	0.80	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 07, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 07, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 07, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Aug 07, 2019	1.76	1.76	1.76	100.0%
18910630	205	2065	BECK	13130525	4	Aug 07, 2019	0.85	1.32	0.85	100.0%
18910630	414	1849	MOORE	13132050	4	Aug 07, 2019	0.12	0.19	0.12	100.0%
18910630	322	1247	BURNETT	13127750	5	Aug 07, 2019	0.80	0.80	0.80	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 07, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 07, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 07, 2019	1.45	1.45	1.45	100.0%
18930201	463	1423	MOORE	13132050	4	Aug 07, 2019	0.30	0.47	0.07	23.1%
18930201	459	1423	MOORE	13132050	4	Aug 07, 2019	0.30	0.47	0.07	23.1%
18930201	417	380	MOORE	13132050	4	Aug 07, 2019	0.22	0.34	0.05	23.1%
18930201	182	539	MOORE	13132050	4	Aug 07, 2019	0.05	0.08	0.01	23.1%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 07, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	BITTON	13120735	9	Aug 07, 2019	0.29	0.29	0.29	100.0%
18931101	2610	2096	BITTON	13120735	9	Aug 07, 2019	0.46	0.46	0.46	100.0%
18931101	59	1279	BITTON	13120735	9	Aug 07, 2019	0.05	0.05	0.05	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 07, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 07, 2019	2.98	2.98	2.98	100.0%

18940601	307	39	CHILLY	13121105	9	Aug 07, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 07, 2019	3.20	3.20	3.20	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 07, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 07, 2019	0.02	0.02	0.02	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 07, 2019	2.00	2.00	2.00	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 07, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 07, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Aug 07, 2019	0.59	0.59	0.59	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Aug 07, 2019	0.44	0.44	0.44	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 07, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 07, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 07, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	Aug 07, 2019	1.60	1.60	1.60	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Aug 07, 2019	1.24	1.24	1.24	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 07, 2019	0.90	0.90	0.90	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 07, 2019	0.13	0.13	0.13	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 07, 2019	0.09	0.09	0.09	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 07, 2019	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 07, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 07, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 07, 2019	2.60	2.60	2.60	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 07, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 07, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 07, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 07, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 07, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 07, 2019	0.62	0.62	0.62	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Aug 07, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Aug 07, 2019	0.03	0.03	0.03	96.6%
19020601	279	2126	Thalman Hunter D	13120755	9	Aug 07, 2019	0.02	0.02	0.02	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 07, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Aug 07, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 07, 2019	1.08	1.08	1.08	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 07, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 07, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 07, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Aug 07, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 07, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Aug 07, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 07, 2019	0.13	0.13	0.13	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Aug 07, 2019	0.27	0.27	0.27	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 07, 2019	0.30	0.30	0.30	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 07, 2019	0.50	0.50	0.50	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 07, 2019	0.40	0.40	0.40	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 07, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 07, 2019	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 07, 2019	1.30	1.30	1.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 07, 2019	0.10	0.10	0.10	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 07, 2019	3.00	3.00	3.00	100.0%
19050501	232	2155	NEILSEN	13120805	9	Aug 07, 2019	0.06	0.06	0.06	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 07, 2019	0.20	0.20	0.20	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 07, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 07, 2019	0.58	0.58	0.58	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 07, 2019	1.10	1.10	1.10	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 07, 2019	0.40	0.40	0.40	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 07, 2019	0.78	0.78	0.78	100.0%
19060620	364	691	CHILLY	13121105	9	Aug 07, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 07, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 07, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Aug 07, 2019	0.50	0.50	0.50	100.0%
19090830	575	890	Broken River Pum	13124050	8	Aug 07, 2019	1.82	1.82	1.82	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Aug 07, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Aug 07, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 07, 2019	0.75	0.75	0.75	100.0%

19100601	129	2188	CHILLY	13121105	9	Aug 07, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Aug 07, 2019	0.70	0.70	0.70	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Aug 07, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 07, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 07, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 07, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 07, 2019	1.30	1.30	1.30	100.0%
19121014	403	1197	NEILSEN	13120805	9	Aug 07, 2019	0.20	0.20	0.20	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 07, 2019	2.10	2.10	2.10	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 07, 2019	1.32	1.32	1.32	100.0%
19140601	445	413	NEILSEN	13120805	9	Aug 07, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 07, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Aug 07, 2019	0.18	0.18	0.18	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Aug 07, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Aug 07, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Aug 07, 2019	1.81	1.81	1.81	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Aug 07, 2019	0.67	0.67	0.67	100.0%
19160701	101	1208	NEILSEN	13120805	9	Aug 07, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Aug 07, 2019	0.56	0.56	0.56	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 07, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 07, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 8, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Aug 8	255.0	3.0	0.0	258.0	0.00	258.0	3.0	0.0	0.0	255.0	0.0	0.0
9	Howell to Chilly	Aug 8	32.6	101.7	0.0	-120.7	0.47	137.3	97.1	4.6	0.0	37.2	-4.6	0.0
8	Chilly to Reservoir	* Aug 8	253.0	41.1	0.0	261.5	0.00	398.8	40.8	0.3	0.0	257.9	-4.9	0.0
	Disconnected													
7	Mackay Reservoir	* Aug 8	432.8	0.0	0.0	253.0	0.00	258.2	0.0		0.0	253.0	179.8	0.0
6	Reservoir to 2B	Aug 8	424.0	8.8	0.0	0.0	0.00	253.0	6.3	2.5	0.0	246.7	177.3	0.0
5	2B to Leslie	Aug 8	292.0	137.2	0.0	5.2	0.00	258.2	86.3	50.9	0.0	165.6	126.4	0.0
4	Leslie to Moore	Aug 8	64.4	129.3	0.0	-98.3	0.34	258.2	67.7	61.6	0.0	42.1	22.2	0.0
2	Moore to blw Munsey	Aug 8	2.4	58.0	27.4	-31.4	0.49	258.2	21.6	14.5	21.9	0.0	2.4	0.0
1	Blw Munsey to Arco	Aug 8	4.8	0.0	0.0	2.4	0.00	260.6	0.0	0.0	0.0	2.4	2.4	0.0
								TOTAL	322.8	134.4	21.9			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 8	0.0	0.0		19230316	100%
9	Howell to Chilly	Aug 8	0.0	0.0		19230316	100%
8	Chilly to Reservoir	Aug 8	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 8	0.0	0.0		18880801	83%
6	Reservoir to 2B	Aug 8	0.0	0.0		18880801	83%
5	2B to Leslie	Aug 8	0.0	0.0		18880801	83%
4	Leslie to Moore	Aug 8	55.7	42.6		18880801	83%
2	Moore to blw Munsey	Aug 8	20.5	10.8		18880801	83%
1	Blw Munsey to Arco	Aug 8	0.0	0.0		18880801	83%
		TOTAL	76.2	53.4	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
36200.0	35830.0	-370.0	-186.5	6.7

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-43008.0
Total Storage Deliver	-23135.5
Total Evaporation	-1855.8
Accounting Balance	35576.2
Current Res Content	35830.0
Storage Balance Error	-253.8

DAILY STORAGE BALANCE

36200.0	Reservoir Content Previous Day [ac-ft]
35830.0	Reservoir Content Current Day [ac-ft]
-370.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-110.7	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-42.6	Leslie to Moore [cfs]
-10.8	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-2.4	Past Arco Gage [cfs]
-259.5	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
2.5	Reservoir to 2B [cfs]
50.9	2B to Leslie [cfs]
61.6	Leslie to Moore [cfs]
15.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-13.3	Evaporation [ac-ft]
-383.5	Accounting Change in Storage [ac-ft]
-13.5	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

253.0	Gain in/above Mackay Reservoir [cfs]
5.2	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
2.4	Gain in Reach 1: Munsey to Arco [cfs]
260.6	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
78.6	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
55.7	Leslie to Moore [cfs]
20.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
2.4	Natural Flow Past Arco Gage [cfs]
181.9	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
6.3	Reservoir to 2B [cfs]
86.3	2B to Leslie [cfs]
67.7	Leslie to Moore [cfs]
21.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
260.5	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.4	570
Eastside Felton Wier +	16.1	805
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	9.8	490
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	54.9	2745
Groundwater to Arco	8.0	400
Groundwater to Munsey	19.4	970

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.5	25
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	0.4	22
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	1.5	75
Island Wanstrom David +	0.0	0
Eastside OUT	34.5	1725
Total Out	42.7	2137

Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.78

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 75.0%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 20.6 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 13.9 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 18.6 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 248.5%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 7.5 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 8.3 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 221.7%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 186.5%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 8, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	3.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	8.8	2.5	58.9
9	BITTON	4.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	2.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	23.4	5.1	712.2
9	Thalman Hunter D	1.5	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	43.8	17.2	1253.8
9	NEILSEN	44.0	4.6	721.1	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	70.0	28.6	2450.9
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	47.2	0.0	6.4	8	Broken River Pum	4.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	11.0	6.2	1111.1
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.4	0.3	160.4	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	1.0	1.0	353.1
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	6.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	109.0	55.1	4884.4
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	8.3	0.0	8580.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	28.0	2.9	1513.0
8	Donahue 2	1.6	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	30.0	12.9	1099.3
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	640.7	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	9.8	816.6
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	504.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	312.8	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 08, 2019	5.00	5.00	5.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 08, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 08, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 08, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Aug 08, 2019	3.00	3.00	3.00	100.0%
18830601	221	855	MOORE	13132050	4	Aug 08, 2019	1.60	2.41	1.60	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 08, 2019	1.52	2.29	1.52	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 08, 2019	0.27	0.41	0.27	100.0%
18830601	224	854	MOORE	13132050	4	Aug 08, 2019	2.92	4.40	2.92	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 08, 2019	0.79	1.19	0.79	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 08, 2019	1.73	2.61	1.73	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 08, 2019	1.13	1.70	1.13	100.0%
18830810	263	393	MOORE	13132050	4	Aug 08, 2019	0.18	0.27	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Aug 08, 2019	0.48	0.72	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Aug 08, 2019	0.18	0.27	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 08, 2019	0.21	0.32	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 08, 2019	1.64	2.47	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Aug 08, 2019	0.14	0.21	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Aug 08, 2019	1.72	1.72	1.72	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 08, 2019	0.07	0.07	0.07	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Aug 08, 2019	1.12	1.12	1.12	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 08, 2019	1.62	1.62	1.62	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 08, 2019	0.12	0.12	0.12	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 08, 2019	2.17	2.17	2.17	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 08, 2019	0.55	0.55	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 08, 2019	1.63	1.63	1.63	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 08, 2019	1.42	1.42	1.42	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 08, 2019	0.96	0.96	0.96	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 08, 2019	0.14	0.14	0.14	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 08, 2019	0.20	0.20	0.20	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 08, 2019	0.50	0.50	0.50	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 08, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 08, 2019	0.79	0.79	0.79	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 08, 2019	1.92	1.92	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 08, 2019	2.00	2.00	2.00	100.0%
18840422	24	120	SHARP	13126500	6	Aug 08, 2019	0.08	0.08	0.08	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 08, 2019	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 08, 2019	0.58	0.58	0.58	100.0%
18840422	284	228	SHARP	13126500	6	Aug 08, 2019	0.13	0.13	0.13	100.0%
18840422	397	10	SHARP	13126500	6	Aug 08, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Aug 08, 2019	2.28	2.28	2.28	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 08, 2019	0.12	0.12	0.12	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 08, 2019	0.50	0.50	0.50	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 08, 2019	1.23	1.23	1.23	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 08, 2019	0.80	0.80	0.80	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 08, 2019	0.40	0.40	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 08, 2019	0.77	0.77	0.77	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 08, 2019	1.60	1.60	1.60	100.0%
18840520	85	1584	MOORE	13132050	4	Aug 08, 2019	0.22	0.33	0.22	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 08, 2019	0.18	0.27	0.18	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 08, 2019	0.02	0.03	0.02	100.0%
18840520	340	816	MOORE	13132050	4	Aug 08, 2019	0.36	0.55	0.36	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 08, 2019	0.01	0.02	0.01	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 08, 2019	2.24	3.38	2.24	100.0%
18840520	242	210	MOORE	13132050	4	Aug 08, 2019	0.21	0.32	0.21	100.0%
18840520	263	394	MOORE	13132050	4	Aug 08, 2019	0.22	0.33	0.22	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 08, 2019	1.60	2.41	1.60	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 08, 2019	2.14	3.23	2.14	100.0%
18840520	180	470	MOORE	13132050	4	Aug 08, 2019	0.16	0.24	0.16	100.0%

18840520	187	1935	MOORE	13132050	4	Aug 08, 2019	0.04	0.06	0.04	100.0%
18840520	427	1	MOORE	13132050	4	Aug 08, 2019	1.16	1.75	1.16	100.0%
18840520	113	585	MOORE	13132050	4	Aug 08, 2019	0.11	0.17	0.11	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 08, 2019	0.01	0.02	0.01	100.0%
18840520	96	451	MOORE	13132050	4	Aug 08, 2019	0.58	0.87	0.58	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 08, 2019	0.78	1.18	0.78	100.0%
18840520	433	271	MOORE	13132050	4	Aug 08, 2019	0.54	0.81	0.54	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 08, 2019	1.12	1.69	1.12	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 08, 2019	0.70	1.06	0.70	100.0%
18840520	219	547	MOORE	13132050	4	Aug 08, 2019	1.15	1.73	1.15	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 08, 2019	1.60	2.41	1.60	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 08, 2019	0.04	0.06	0.04	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 08, 2019	0.80	1.21	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Aug 08, 2019	0.48	0.48	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 08, 2019	0.72	0.72	0.72	100.0%
18840601	96	453	MOORE	13132050	4	Aug 08, 2019	0.21	0.32	0.21	100.0%
18840601	263	395	MOORE	13132050	4	Aug 08, 2019	0.08	0.12	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Aug 08, 2019	0.09	0.14	0.09	100.0%
18840601	85	1585	MOORE	13132050	4	Aug 08, 2019	0.08	0.12	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Aug 08, 2019	0.54	0.81	0.54	100.0%
18840601	15	131	MOORE	13132050	4	Aug 08, 2019	0.37	0.55	0.37	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 08, 2019	0.98	1.48	0.98	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 08, 2019	0.16	0.24	0.16	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 08, 2019	0.23	0.23	0.23	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 08, 2019	0.80	0.80	0.80	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 08, 2019	0.73	0.73	0.73	100.0%
18840601	360	693	BURNETT	13127750	5	Aug 08, 2019	0.80	0.80	0.80	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 08, 2019	0.37	0.37	0.37	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 08, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 08, 2019	0.40	0.40	0.40	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 08, 2019	1.20	1.81	1.20	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 08, 2019	1.20	1.81	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 08, 2019	0.80	1.21	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Aug 08, 2019	0.80	1.21	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Aug 08, 2019	0.80	1.21	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 08, 2019	0.80	1.21	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Aug 08, 2019	0.76	1.15	0.76	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 08, 2019	0.78	1.18	0.78	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 08, 2019	0.49	0.74	0.49	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 08, 2019	0.80	1.21	0.80	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 08, 2019	0.58	0.87	0.58	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 08, 2019	0.20	0.30	0.20	100.0%
18840831	533	421	MOORE	13132050	4	Aug 08, 2019	0.14	0.21	0.14	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 08, 2019	0.50	0.75	0.50	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 08, 2019	0.40	0.60	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 08, 2019	3.20	4.82	3.20	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 08, 2019	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Aug 08, 2019	0.80	0.80	0.80	100.0%
18841012	205	2067	BECK	13130525	4	Aug 08, 2019	1.76	2.65	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 08, 2019	0.89	1.34	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Aug 08, 2019	1.25	1.88	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Aug 08, 2019	0.58	0.87	0.58	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 08, 2019	1.20	1.20	1.20	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 08, 2019	1.20	1.20	1.20	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 08, 2019	3.30	3.30	3.30	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 08, 2019	0.43	0.43	0.43	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 08, 2019	0.74	0.74	0.74	100.0%
18841012	347	1974	SWAUGER	13127600	5	Aug 08, 2019	0.46	0.46	0.46	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 08, 2019	2.77	2.77	2.77	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 08, 2019	0.11	0.11	0.11	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 08, 2019	0.81	0.81	0.81	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Aug 08, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Aug 08, 2019	0.60	0.60	0.60	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 08, 2019	0.61	0.61	0.61	100.0%

18850218	381	806	DARLINGTON	13127735	5	Aug 08, 2019	0.79	0.79	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 08, 2019	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 08, 2019	1.65	1.65	1.65	100.0%
18850501	426	887	ARCO	13132365	2	Aug 08, 2019	0.64	1.88	0.64	100.0%
18850501	423	186	ARCO	13132365	2	Aug 08, 2019	0.26	0.76	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Aug 08, 2019	0.20	0.59	0.20	100.0%
18850501	468	59	ARCO	13132365	2	Aug 08, 2019	0.74	2.18	0.74	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 08, 2019	0.24	0.36	0.24	100.0%
18850501	2549	2147	EASTSIDE FIELD H	13132061	4	Aug 08, 2019	0.62	0.93	0.62	100.0%
18850501	672	1629	LOWER EASTSIDE &	13132291	4	Aug 08, 2019	0.56	0.84	0.56	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 08, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 08, 2019	0.50	0.50	0.50	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 08, 2019	0.20	0.30	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 08, 2019	0.20	0.30	0.20	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 08, 2019	0.56	0.84	0.56	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 08, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 08, 2019	0.01	0.01	0.01	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 08, 2019	1.37	1.37	1.37	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 08, 2019	0.19	0.19	0.19	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 08, 2019	1.56	2.35	1.56	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 08, 2019	3.20	3.20	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 08, 2019	2.00	2.00	2.00	100.0%
18850601	205	2064	BECK	13130525	4	Aug 08, 2019	0.59	0.89	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 08, 2019	1.20	1.81	1.20	100.0%
18850601	15	859	MOORE	13132050	4	Aug 08, 2019	0.50	0.75	0.50	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 08, 2019	0.66	0.66	0.66	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 08, 2019	2.60	2.60	2.60	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Aug 08, 2019	1.66	1.66	1.66	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Aug 08, 2019	0.63	0.63	0.63	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 08, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Aug 08, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 08, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 08, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 08, 2019	3.08	3.08	3.08	100.0%
18851002	437	62	ARCO	13132365	2	Aug 08, 2019	1.54	4.53	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Aug 08, 2019	3.60	10.59	3.60	100.0%
18851002	356	42	ARCO	13132365	2	Aug 08, 2019	3.76	11.06	3.76	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 08, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	Aug 08, 2019	1.20	1.81	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 08, 2019	2.80	4.22	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 08, 2019	2.64	3.98	2.07	78.5%
18860512	96	459	MOORE	13132050	4	Aug 08, 2019	0.48	0.72	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Aug 08, 2019	0.18	0.27	0.18	100.0%
18860512	263	398	MOORE	13132050	4	Aug 08, 2019	0.18	0.27	0.18	100.0%
18860601	470	1323	MOORE	13132050	4	Aug 08, 2019	0.20	0.30	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Aug 08, 2019	0.09	0.14	0.09	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 08, 2019	1.50	2.26	1.50	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Aug 08, 2019	1.60	2.41	0.92	57.5%
18860601	357	1288	BURNETT	13127750	5	Aug 08, 2019	1.60	1.60	1.60	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Aug 08, 2019	0.85	0.85	0.85	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 08, 2019	1.31	1.31	1.31	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 08, 2019	2.72	2.72	2.72	100.0%
18860721	260	1668	BURNETT	13127750	5	Aug 08, 2019	1.60	1.60	1.60	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 08, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Aug 08, 2019	0.84	2.47	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 08, 2019	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 08, 2019	2.31	2.31	2.31	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 08, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Aug 08, 2019	1.26	1.26	1.26	100.0%
18870313	459	338	MOORE	13132050	4	Aug 08, 2019	0.42	0.63	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Aug 08, 2019	0.70	1.06	0.70	100.0%
18870313	459	682	MOORE	13132050	4	Aug 08, 2019	0.65	0.98	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Aug 08, 2019	1.05	1.05	1.05	100.0%
18870313	73	2029	BURNETT	13127750	5	Aug 08, 2019	0.65	0.65	0.65	100.0%

18870313	360	681	BURNETT	13127750	5	Aug 08, 2019	0.80	0.80	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 08, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 08, 2019	2.80	2.80	2.80	100.0%
18870501	468	1309	ARCO	13132365	2	Aug 08, 2019	3.20	9.41	3.20	100.0%
18870601	468	893	ARCO	13132365	2	Aug 08, 2019	0.54	1.59	0.54	100.0%
18870601	423	1028	ARCO	13132365	2	Aug 08, 2019	1.80	5.29	1.80	100.0%
18870601	423	76	ARCO	13132365	2	Aug 08, 2019	0.22	0.65	0.22	100.0%
18870601	19	892	MUNSEY	13132375	2	Aug 08, 2019	1.34	3.94	1.34	100.0%
18870601	252	353	DARLINGTON	13127735	5	Aug 08, 2019	0.43	0.43	0.43	100.0%
18870601	73	2023	BURNETT	13127750	5	Aug 08, 2019	0.69	0.69	0.69	100.0%
18870601	525	1471	BURNETT	13127750	5	Aug 08, 2019	1.15	1.15	1.15	100.0%
18870601	73	2022	BURNETT	13127750	5	Aug 08, 2019	1.11	1.11	1.11	100.0%
18870601	139	845	BURNETT	13127750	5	Aug 08, 2019	0.92	0.92	0.92	100.0%
18870601	490	1747	BURNETT	13127750	5	Aug 08, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Aug 08, 2019	0.95	0.95	0.95	100.0%
18870630	236	1428	BECK	13130525	4	Aug 08, 2019	0.80	1.21	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	Aug 08, 2019	0.80	0.80	0.80	100.0%
18870701	423	102	ARCO	13132365	2	Aug 08, 2019	1.60	4.71	1.60	100.0%
18870701	423	656	ARCO	13132365	2	Aug 08, 2019	0.66	1.94	0.66	100.0%
18870801	73	2017	BURNETT	13127750	5	Aug 08, 2019	0.38	0.38	0.38	100.0%
18870801	73	2016	BURNETT	13127750	5	Aug 08, 2019	0.62	0.62	0.62	100.0%
18870801	119	1166	BURNETT	13127750	5	Aug 08, 2019	0.27	0.27	0.27	100.0%
18870831	119	1154	BURNETT	13127750	5	Aug 08, 2019	0.20	0.20	0.20	100.0%
18880401	279	2120	Anderson	13120745	9	Aug 08, 2019	0.55	0.55	0.55	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Aug 08, 2019	0.42	0.42	0.42	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 08, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 08, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Aug 08, 2019	0.33	0.97	0.33	100.0%
18880601	2612	2198	SWAUGER	13127600	5	Aug 08, 2019	0.98	0.98	0.98	100.0%
18880601	347	1973	SWAUGER	13127600	5	Aug 08, 2019	0.48	0.48	0.48	100.0%
18880601	347	1973	SHARP	13126500	6	Aug 08, 2019	0.64	0.64	0.64	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 08, 2019	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	Aug 08, 2019	0.06	0.09	0.06	100.0%
18880630	490	1750	BURNETT	13127750	5	Aug 08, 2019	0.06	0.06	0.06	100.0%
18880630	490	1826	BURNETT	13127750	5	Aug 08, 2019	0.24	0.24	0.24	100.0%
18880801	442	750	MUNSEY	13132375	2	Aug 08, 2019	0.40	1.18	0.33	83.3%
18880801	279	2125	Anderson	13120745	9	Aug 08, 2019	0.83	0.83	0.83	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Aug 08, 2019	0.62	0.62	0.62	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 08, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 08, 2019	0.30	0.30	0.30	100.0%
18881101	2610	2095	BITTON	13120735	9	Aug 08, 2019	1.54	1.54	1.54	100.0%
18881101	59	2222	BITTON	13120735	9	Aug 08, 2019	1.66	1.66	1.66	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 08, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 08, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 08, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Aug 08, 2019	1.76	1.76	1.76	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 08, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 08, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 08, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 08, 2019	0.74	0.74	0.74	100.0%
18931101	2610	2096	BITTON	13120735	9	Aug 08, 2019	0.46	0.46	0.46	100.0%
18931101	59	1279	BITTON	13120735	9	Aug 08, 2019	0.05	0.05	0.05	100.0%
18931101	59	2223	BITTON	13120735	9	Aug 08, 2019	0.29	0.29	0.29	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 08, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 08, 2019	2.98	2.98	2.98	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 08, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 08, 2019	3.20	3.20	3.20	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 08, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 08, 2019	0.02	0.02	0.02	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 08, 2019	2.00	2.00	2.00	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 08, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 08, 2019	2.74	2.74	2.74	100.0%
18991001	279	2122	Anderson	13120745	9	Aug 08, 2019	0.59	0.59	0.59	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Aug 08, 2019	0.44	0.44	0.44	100.0%

18991001	2329	1735	NEILSEN	13120805	9	Aug 08, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 08, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 08, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	Aug 08, 2019	1.60	1.60	1.60	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Aug 08, 2019	1.24	1.24	1.24	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 08, 2019	0.90	0.90	0.90	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 08, 2019	0.13	0.13	0.13	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 08, 2019	2.60	2.60	2.60	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 08, 2019	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 08, 2019	3.40	3.40	3.40	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 08, 2019	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 08, 2019	1.60	1.60	1.60	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 08, 2019	0.09	0.09	0.09	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 08, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 08, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 08, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 08, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 08, 2019	0.62	0.62	0.62	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Aug 08, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Aug 08, 2019	0.03	0.03	0.03	96.6%
19020601	279	2126	Thalman Hunter D	13120755	9	Aug 08, 2019	0.02	0.02	0.02	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 08, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Aug 08, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 08, 2019	1.08	1.08	1.08	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 08, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 08, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 08, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Aug 08, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 08, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Aug 08, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 08, 2019	0.13	0.13	0.13	100.0%
19050501	232	2155	NEILSEN	13120805	9	Aug 08, 2019	0.06	0.06	0.06	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 08, 2019	1.30	1.30	1.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 08, 2019	0.82	0.82	0.82	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Aug 08, 2019	0.27	0.27	0.27	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 08, 2019	3.00	3.00	3.00	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 08, 2019	0.50	0.50	0.50	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 08, 2019	0.10	0.10	0.10	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 08, 2019	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 08, 2019	0.30	0.30	0.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 08, 2019	0.65	0.65	0.65	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 08, 2019	0.20	0.20	0.20	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 08, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 08, 2019	0.78	0.78	0.78	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 08, 2019	1.10	1.10	1.10	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 08, 2019	0.40	0.40	0.40	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 08, 2019	0.78	0.78	0.78	100.0%
19060620	364	691	CHILLY	13121105	9	Aug 08, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 08, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 08, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Aug 08, 2019	0.50	0.50	0.50	100.0%
19090830	575	890	Broken River Pum	13124050	8	Aug 08, 2019	1.82	1.82	1.82	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Aug 08, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Aug 08, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 08, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Aug 08, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Aug 08, 2019	0.70	0.70	0.70	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Aug 08, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 08, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 08, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 08, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	Aug 08, 2019	0.20	0.20	0.20	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 08, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 08, 2019	1.30	1.30	1.30	100.0%

19131224	373	25	CHILLY	13121105	9	Aug 08, 2019	1.32	1.32	1.32	100.0%
19140601	445	413	NEILSEN	13120805	9	Aug 08, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Aug 08, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 08, 2019	0.80	0.80	0.80	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Aug 08, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Aug 08, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Aug 08, 2019	1.81	1.81	1.81	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Aug 08, 2019	0.67	0.67	0.67	100.0%
19160701	101	1208	NEILSEN	13120805	9	Aug 08, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Aug 08, 2019	0.56	0.56	0.56	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 08, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 08, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 9, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Aug 9	270.0	3.0	0.0	273.0	0.00	273.0	3.0	0.0	0.0	270.0	0.0	0.0
9	Howell to Chilly	Aug 9	34.3	101.7	0.0	-134.0	0.50	139.0	97.1	4.6	0.0	38.9	-4.6	0.0
8	Chilly to Reservoir	* Aug 9	267.6	41.1	0.0	274.4	0.00	413.4	40.8	0.3	0.0	272.5	-4.9	0.0
	Disconnected													
7	Mackay Reservoir	* Aug 9	434.4	0.0	0.0	267.6	0.00	275.6	0.0		0.0	267.6	166.8	0.0
6	Reservoir to 2B	Aug 9	424.0	10.4	0.0	0.0	0.00	267.6	7.0	3.4	0.0	260.6	163.4	0.0
5	2B to Leslie	Aug 9	296.0	136.0	0.0	8.0	0.00	275.6	86.4	49.6	0.0	182.2	113.8	0.0
4	Leslie to Moore	Aug 9	66.7	124.8	0.0	-104.5	0.35	275.6	68.4	56.4	0.0	49.4	17.3	0.0
2	Moore to blw Munsey	Aug 9	2.4	56.5	27.4	-35.2	0.53	275.6	23.3	9.5	23.6	0.0	2.4	0.0
1	Blw Munsey to Arco	Aug 9	6.7	0.0	0.0	4.3	0.00	279.9	0.0	0.0	0.0	4.3	2.4	0.0
							TOTAL		326.1	123.8	23.6			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 9	0.0	0.0		19230316	100%
9	Howell to Chilly	Aug 9	0.0	0.0		19230316	100%
8	Chilly to Reservoir	Aug 9	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 9	0.0	0.0		18890601	38%
6	Reservoir to 2B	Aug 9	0.0	0.0		18890601	38%
5	2B to Leslie	Aug 9	0.0	0.0		18890601	38%
4	Leslie to Moore	Aug 9	64.3	40.2		18890601	38%
2	Moore to blw Munsey	Aug 9	26.1	9.1		18890601	38%
1	Blw Munsey to Arco	Aug 9	0.0	0.0		18890601	38%
	TOTAL		90.4	49.3	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
35830.0	35480.0	-350.0	-176.5	9.6

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-43110.5
Total Storage Deliver	-23371.4
Total Evaporation	-1874.9
Accounting Balance	35218.7
Current Res Content	35480.0
Storage Balance Error	-261.3

DAILY STORAGE BALANCE

35830.0	Reservoir Content Previous Day [ac-ft]
35480.0	Reservoir Content Current Day [ac-ft]
-350.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-102.5	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-40.2	Leslie to Moore [cfs]
-9.1	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-2.4	Past Arco Gage [cfs]
-242.4	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
3.4	Reservoir to 2B [cfs]
49.6	2B to Leslie [cfs]
56.4	Leslie to Moore [cfs]
12.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-19.1	Evaporation [ac-ft]
-364.0	Accounting Change in Storage [ac-ft]
-14.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

267.6	Gain in/above Mackay Reservoir [cfs]
8.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
4.3	Gain in Reach 1: Munsey to Arco [cfs]
279.9	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
94.7	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
64.3	Leslie to Moore [cfs]
26.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
4.3	Natural Flow Past Arco Gage [cfs]
185.1	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
7.0	Reservoir to 2B [cfs]
86.4	2B to Leslie [cfs]
68.4	Leslie to Moore [cfs]
23.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
279.8	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	11.5	575
Eastside Felton Wier +	16.1	805
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	9.8	490
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	55.0	2750
Groundwater to Arco	8.0	400
Groundwater to Munsey	19.4	970

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.5	25
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.2	110
Island Wanstrom David +	0.0	0
Eastside OUT	36.1	1805
Total Out	47.4	2370

Abbreviated Reach Delivery Factor 0.86
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 74.3%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 20.4 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 15.7 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 21.2 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 258.7%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 8.2 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 6.8 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 234.5%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 192.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 9, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	3.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	10.4	3.4	65.7
9	BITTON	4.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	2.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	22.0	6.9	725.8
9	Thalman Hunter D	1.5	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	44.0	14.8	1283.2
9	NEILSEN	44.0	4.6	730.2	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	70.0	27.9	2506.3
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	47.2	0.0	6.4	8	Broken River Pum	4.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	11.0	6.4	1123.8
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.4	0.3	161.1	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	1.0	1.0	355.0
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	6.0	0.0	0.0	8	Freeman Ditch	2.0	0.0	0.0	4	MOORE	106.0	49.6	4982.9
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	6.8	0.0	8580.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	26.5	-0.2	1513.0
8	Donahue 2	1.6	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	30.0	13.0	1125.1
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	650.6	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	9.8	855.4
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	542.1	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	344.5	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 09, 2019	5.00	5.00	5.00	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 09, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 09, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 09, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Aug 09, 2019	3.00	3.00	3.00	100.0%
18830601	221	855	MOORE	13132050	4	Aug 09, 2019	1.60	2.47	1.60	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 09, 2019	0.79	1.22	0.79	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 09, 2019	0.27	0.42	0.27	100.0%
18830601	224	854	MOORE	13132050	4	Aug 09, 2019	3.14	4.85	3.14	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 09, 2019	1.54	2.38	1.54	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 09, 2019	1.13	1.75	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 09, 2019	1.73	2.67	1.73	100.0%
18830810	263	393	MOORE	13132050	4	Aug 09, 2019	0.18	0.28	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Aug 09, 2019	0.48	0.74	0.48	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 09, 2019	0.21	0.33	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 09, 2019	1.64	2.53	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Aug 09, 2019	0.14	0.22	0.14	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 09, 2019	1.62	1.62	1.62	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 09, 2019	0.12	0.12	0.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 09, 2019	0.07	0.07	0.07	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 09, 2019	1.44	1.44	1.44	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 09, 2019	0.96	0.96	0.96	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 09, 2019	0.20	0.20	0.20	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 09, 2019	0.14	0.14	0.14	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 09, 2019	0.55	0.55	0.55	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 09, 2019	2.17	2.17	2.17	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 09, 2019	1.63	1.63	1.63	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 09, 2019	1.92	1.92	1.92	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 09, 2019	0.79	0.79	0.79	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 09, 2019	2.00	2.00	2.00	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 09, 2019	0.21	0.21	0.21	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 09, 2019	0.50	0.50	0.50	100.0%
18840422	397	10	SHARP	13126500	6	Aug 09, 2019	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	Aug 09, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Aug 09, 2019	0.13	0.13	0.13	100.0%
18840422	347	938	SHARP	13126500	6	Aug 09, 2019	4.00	4.00	4.00	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 09, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 09, 2019	0.12	0.12	0.12	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 09, 2019	0.08	0.08	0.08	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 09, 2019	0.50	0.50	0.50	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 09, 2019	0.80	0.80	0.80	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 09, 2019	0.40	0.40	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 09, 2019	0.77	0.77	0.77	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 09, 2019	1.60	1.60	1.60	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 09, 2019	1.23	1.23	1.23	100.0%
18840520	96	451	MOORE	13132050	4	Aug 09, 2019	0.58	0.90	0.58	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 09, 2019	1.15	1.78	1.15	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 09, 2019	0.78	1.21	0.78	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 09, 2019	2.14	3.31	2.14	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 09, 2019	0.01	0.02	0.01	100.0%
18840520	113	585	MOORE	13132050	4	Aug 09, 2019	0.11	0.17	0.11	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 09, 2019	1.60	2.47	1.60	100.0%
18840520	263	394	MOORE	13132050	4	Aug 09, 2019	0.22	0.34	0.22	100.0%
18840520	340	816	MOORE	13132050	4	Aug 09, 2019	0.36	0.56	0.36	100.0%
18840520	180	470	MOORE	13132050	4	Aug 09, 2019	0.16	0.25	0.16	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 09, 2019	0.18	0.28	0.18	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 09, 2019	0.01	0.02	0.01	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 09, 2019	0.04	0.06	0.04	100.0%
18840520	427	1	MOORE	13132050	4	Aug 09, 2019	1.26	1.95	1.26	100.0%

18840520	219	547	MOORE	13132050	4	Aug 09, 2019	1.15	1.78	1.15	100.0%
18840520	242	210	MOORE	13132050	4	Aug 09, 2019	0.21	0.32	0.21	100.0%
18840520	433	271	MOORE	13132050	4	Aug 09, 2019	0.54	0.83	0.54	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 09, 2019	0.04	0.06	0.04	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 09, 2019	2.24	3.46	2.24	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 09, 2019	0.74	1.14	0.74	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 09, 2019	0.02	0.03	0.02	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 09, 2019	1.60	2.47	1.60	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 09, 2019	0.80	1.24	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 09, 2019	0.72	0.72	0.72	100.0%
18840601	15	131	MOORE	13132050	4	Aug 09, 2019	0.37	0.57	0.37	100.0%
18840601	96	453	MOORE	13132050	4	Aug 09, 2019	0.21	0.32	0.21	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 09, 2019	1.04	1.61	1.04	100.0%
18840601	263	395	MOORE	13132050	4	Aug 09, 2019	0.08	0.12	0.08	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 09, 2019	0.16	0.25	0.16	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 09, 2019	0.37	0.37	0.37	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 09, 2019	0.80	0.80	0.80	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 09, 2019	0.73	0.73	0.73	100.0%
18840601	360	693	BURNETT	13127750	5	Aug 09, 2019	0.80	0.80	0.80	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 09, 2019	0.23	0.23	0.23	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 09, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 09, 2019	0.80	0.80	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 09, 2019	0.80	1.24	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Aug 09, 2019	0.80	1.24	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Aug 09, 2019	0.80	1.24	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Aug 09, 2019	0.80	1.24	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 09, 2019	1.20	1.85	1.20	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 09, 2019	1.20	1.85	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 09, 2019	0.80	1.24	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 09, 2019	0.80	1.24	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 09, 2019	0.80	1.24	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 09, 2019	0.61	0.94	0.61	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 09, 2019	0.20	0.31	0.20	100.0%
18840831	533	421	MOORE	13132050	4	Aug 09, 2019	0.14	0.22	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 09, 2019	0.58	0.90	0.58	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 09, 2019	0.40	0.62	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 09, 2019	0.50	0.77	0.50	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 09, 2019	3.20	4.95	3.20	100.0%
18840914	360	68	BURNETT	13127750	5	Aug 09, 2019	0.80	0.80	0.80	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 09, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Aug 09, 2019	1.76	2.72	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Aug 09, 2019	0.58	0.90	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 09, 2019	0.89	1.38	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Aug 09, 2019	1.25	1.93	1.25	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 09, 2019	0.74	0.74	0.74	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 09, 2019	0.81	0.81	0.81	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 09, 2019	3.30	3.30	3.30	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 09, 2019	2.77	2.77	2.77	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 09, 2019	0.43	0.43	0.43	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 09, 2019	1.20	1.20	1.20	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 09, 2019	2.66	2.66	2.66	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 09, 2019	0.08	0.08	0.08	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Aug 09, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Aug 09, 2019	0.16	0.16	0.16	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 09, 2019	0.08	0.08	0.08	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 09, 2019	2.00	2.00	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 09, 2019	0.79	0.79	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 09, 2019	1.65	1.65	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 09, 2019	0.61	0.61	0.61	100.0%
18850501	423	186	ARCO	13132365	2	Aug 09, 2019	0.26	0.85	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Aug 09, 2019	0.20	0.65	0.20	100.0%
18850501	468	59	ARCO	13132365	2	Aug 09, 2019	0.74	2.42	0.74	100.0%
18850501	426	887	ARCO	13132365	2	Aug 09, 2019	0.64	2.09	0.64	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 09, 2019	0.24	0.37	0.24	100.0%

18850501	2549	2147	EASTSIDE FIELD H	13132061	4	Aug 09, 2019	0.62	0.96	0.62	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 09, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 09, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 09, 2019	0.20	0.31	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 09, 2019	0.34	0.53	0.34	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 09, 2019	0.30	0.46	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 09, 2019	0.56	0.87	0.56	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 09, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 09, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 09, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 09, 2019	1.37	1.37	1.37	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 09, 2019	1.56	2.41	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Aug 09, 2019	0.04	0.07	0.04	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 09, 2019	2.00	2.00	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 09, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Aug 09, 2019	0.59	0.91	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Aug 09, 2019	0.50	0.77	0.50	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 09, 2019	1.20	1.85	1.20	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 09, 2019	1.26	1.26	1.26	100.0%
18850601	2328	2171	SWAUGER	13127600	5	Aug 09, 2019	0.09	0.09	0.09	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 09, 2019	2.60	2.60	2.60	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Aug 09, 2019	0.80	0.80	0.80	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Aug 09, 2019	1.66	1.66	1.66	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 09, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Aug 09, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 09, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 09, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 09, 2019	3.08	3.08	3.08	100.0%
18851002	356	42	ARCO	13132365	2	Aug 09, 2019	4.50	14.73	4.50	100.0%
18851002	356	82	ARCO	13132365	2	Aug 09, 2019	0.34	1.11	0.34	100.0%
18851002	468	61	ARCO	13132365	2	Aug 09, 2019	3.60	11.78	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Aug 09, 2019	1.54	5.04	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 09, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	Aug 09, 2019	1.20	1.85	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 09, 2019	2.80	4.33	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 09, 2019	2.64	4.08	1.52	57.5%
18860512	96	459	MOORE	13132050	4	Aug 09, 2019	0.48	0.74	0.48	100.0%
18860512	263	398	MOORE	13132050	4	Aug 09, 2019	0.18	0.28	0.18	100.0%
18860601	16	1009	MOORE	13132050	4	Aug 09, 2019	2.26	3.49	2.26	100.0%
18860601	470	1323	MOORE	13132050	4	Aug 09, 2019	0.20	0.31	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Aug 09, 2019	0.09	0.14	0.09	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Aug 09, 2019	1.60	2.47	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Aug 09, 2019	1.24	1.92	0.28	22.4%
18860630	604	1710	MOORE	13132050	4	Aug 09, 2019	0.04	0.06	0.04	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Aug 09, 2019	0.85	0.85	0.85	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 09, 2019	1.31	1.31	1.31	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 09, 2019	2.64	2.64	2.64	100.0%
18860721	260	1668	BURNETT	13127750	5	Aug 09, 2019	1.56	1.56	1.56	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 09, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Aug 09, 2019	0.84	2.75	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 09, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 09, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Aug 09, 2019	1.26	1.26	1.26	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 09, 2019	2.31	2.31	2.31	100.0%
18870313	433	683	MOORE	13132050	4	Aug 09, 2019	0.70	1.08	0.70	100.0%
18870313	459	682	MOORE	13132050	4	Aug 09, 2019	0.65	1.00	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Aug 09, 2019	0.42	0.65	0.42	100.0%
18870313	360	681	BURNETT	13127750	5	Aug 09, 2019	0.80	0.80	0.80	100.0%
18870313	73	2029	BURNETT	13127750	5	Aug 09, 2019	0.65	0.65	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Aug 09, 2019	1.05	1.05	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 09, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 09, 2019	2.80	2.80	2.80	100.0%
18870501	468	1309	ARCO	13132365	2	Aug 09, 2019	3.20	10.47	3.20	100.0%
18870601	423	76	ARCO	13132365	2	Aug 09, 2019	0.22	0.72	0.22	100.0%

18870601	423	1028	ARCO	13132365	2	Aug 09, 2019	1.80	5.89	1.80	100.0%
18870601	468	893	ARCO	13132365	2	Aug 09, 2019	0.04	0.13	0.04	100.0%
18870601	19	892	MUNSEY	13132375	2	Aug 09, 2019	1.34	4.39	1.34	100.0%
18870601	252	353	DARLINGTON	13127735	5	Aug 09, 2019	0.43	0.43	0.43	100.0%
18870601	73	2023	BURNETT	13127750	5	Aug 09, 2019	0.69	0.69	0.69	100.0%
18870601	490	1747	BURNETT	13127750	5	Aug 09, 2019	0.25	0.25	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Aug 09, 2019	0.95	0.95	0.95	100.0%
18870601	73	2022	BURNETT	13127750	5	Aug 09, 2019	1.11	1.11	1.11	100.0%
18870601	139	845	BURNETT	13127750	5	Aug 09, 2019	0.92	0.92	0.92	100.0%
18870601	525	1471	BURNETT	13127750	5	Aug 09, 2019	0.95	0.95	0.95	100.0%
18870630	236	1428	BECK	13130525	4	Aug 09, 2019	0.64	0.99	0.64	100.0%
18870630	490	1395	BURNETT	13127750	5	Aug 09, 2019	0.80	0.80	0.80	100.0%
18870701	423	656	ARCO	13132365	2	Aug 09, 2019	1.30	4.25	1.30	100.0%
18870701	423	102	ARCO	13132365	2	Aug 09, 2019	1.60	5.24	1.60	100.0%
18870801	119	1166	BURNETT	13127750	5	Aug 09, 2019	0.27	0.27	0.27	100.0%
18870801	73	2016	BURNETT	13127750	5	Aug 09, 2019	0.18	0.18	0.18	100.0%
18870831	119	1154	BURNETT	13127750	5	Aug 09, 2019	0.56	0.56	0.56	100.0%
18880401	279	2120	Anderson	13120745	9	Aug 09, 2019	0.55	0.55	0.55	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Aug 09, 2019	0.42	0.42	0.42	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 09, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 09, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Aug 09, 2019	0.33	1.08	0.33	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 09, 2019	1.60	1.60	1.60	100.0%
18880630	490	1826	BURNETT	13127750	5	Aug 09, 2019	0.24	0.24	0.24	100.0%
18880630	490	1750	BURNETT	13127750	5	Aug 09, 2019	0.06	0.06	0.06	100.0%
18880801	423	111	ARCO	13132365	2	Aug 09, 2019	0.46	1.51	0.46	100.0%
18880801	442	750	MUNSEY	13132375	2	Aug 09, 2019	0.40	1.31	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Aug 09, 2019	0.83	0.83	0.83	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Aug 09, 2019	0.62	0.62	0.62	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 09, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 09, 2019	0.65	0.65	0.65	100.0%
18881101	2610	2095	BITTON	13120735	9	Aug 09, 2019	1.54	1.54	1.54	100.0%
18881101	59	2222	BITTON	13120735	9	Aug 09, 2019	1.66	1.66	1.66	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Aug 09, 2019	1.22	1.22	1.22	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Aug 09, 2019	1.05	1.05	1.05	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Aug 09, 2019	0.05	0.05	0.05	100.0%
18890601	441	205	MOORE	13132050	4	Aug 09, 2019	0.97	1.50	0.37	38.4%
18890601	463	1396	MOORE	13132050	4	Aug 09, 2019	0.20	0.31	0.08	38.4%
18890601	490	1786	BURNETT	13127750	5	Aug 09, 2019	0.95	0.95	0.36	38.4%
18890601	322	968	BURNETT	13127750	5	Aug 09, 2019	0.80	0.80	0.31	38.4%
18890601	490	1748	BURNETT	13127750	5	Aug 09, 2019	0.25	0.25	0.10	38.4%
18890601	475	969	BURNETT	13127750	5	Aug 09, 2019	1.20	1.20	0.46	38.4%
18890601	589	716	BURNETT	13127750	5	Aug 09, 2019	2.70	2.70	1.04	38.4%
18890601	336	979	BURNETT	13127750	5	Aug 09, 2019	2.00	2.00	0.77	38.4%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 09, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 09, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 09, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Aug 09, 2019	1.76	1.76	1.76	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 09, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 09, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 09, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 09, 2019	0.74	0.74	0.74	100.0%
18931101	59	1279	BITTON	13120735	9	Aug 09, 2019	0.05	0.05	0.05	100.0%
18931101	2610	2096	BITTON	13120735	9	Aug 09, 2019	0.46	0.46	0.46	100.0%
18931101	59	2223	BITTON	13120735	9	Aug 09, 2019	0.29	0.29	0.29	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 09, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 09, 2019	2.98	2.98	2.98	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 09, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 09, 2019	3.20	3.20	3.20	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 09, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 09, 2019	0.18	0.18	0.18	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 09, 2019	2.00	2.00	2.00	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 09, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 09, 2019	0.60	0.60	0.60	100.0%

18991001	279	2122	Anderson	13120745	9	Aug 09, 2019	0.59	0.59	0.59	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Aug 09, 2019	0.44	0.44	0.44	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 09, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 09, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 09, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	Aug 09, 2019	1.60	1.60	1.60	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Aug 09, 2019	1.24	1.24	1.24	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 09, 2019	0.90	0.90	0.90	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 09, 2019	3.40	3.40	3.40	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 09, 2019	0.09	0.09	0.09	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 09, 2019	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 09, 2019	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 09, 2019	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 09, 2019	2.60	2.60	2.60	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 09, 2019	0.13	0.13	0.13	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 09, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 09, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 09, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 09, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 09, 2019	0.62	0.62	0.62	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Aug 09, 2019	2.00	2.00	2.00	100.0%
19020601	279	2126	Anderson	13120745	9	Aug 09, 2019	0.03	0.03	0.03	96.6%
19020601	279	2126	Thalman Hunter D	13120755	9	Aug 09, 2019	0.02	0.02	0.02	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 09, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 09, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Aug 09, 2019	0.24	0.24	0.24	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 09, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 09, 2019	1.60	1.60	1.60	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Aug 09, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 09, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 09, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Aug 09, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 09, 2019	0.13	0.13	0.13	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 09, 2019	0.65	0.65	0.65	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 09, 2019	0.40	0.40	0.40	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 09, 2019	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 09, 2019	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 09, 2019	1.30	1.30	1.30	100.0%
19050501	232	2155	NEILSEN	13120805	9	Aug 09, 2019	0.06	0.06	0.06	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 09, 2019	0.30	0.30	0.30	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Aug 09, 2019	0.27	0.27	0.27	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 09, 2019	0.10	0.10	0.10	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 09, 2019	0.50	0.50	0.50	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 09, 2019	0.20	0.20	0.20	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 09, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 09, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 09, 2019	1.10	1.10	1.10	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 09, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 09, 2019	0.78	0.78	0.78	100.0%
19060620	364	691	CHILLY	13121105	9	Aug 09, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 09, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 09, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Aug 09, 2019	0.50	0.50	0.50	100.0%
19090830	575	890	Broken River Pum	13124050	8	Aug 09, 2019	1.82	1.82	1.82	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Aug 09, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Aug 09, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 09, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Aug 09, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Aug 09, 2019	0.70	0.70	0.70	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Aug 09, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 09, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 09, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 09, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 09, 2019	1.30	1.30	1.30	100.0%

19121014	403	1197	NEILSEN	13120805	9	Aug 09, 2019	0.20	0.20	0.20	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 09, 2019	2.10	2.10	2.10	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 09, 2019	1.32	1.32	1.32	100.0%
19140601	445	413	NEILSEN	13120805	9	Aug 09, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Aug 09, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 09, 2019	0.80	0.80	0.80	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Aug 09, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Aug 09, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Aug 09, 2019	1.81	1.81	1.81	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Aug 09, 2019	0.67	0.67	0.67	100.0%
19160701	101	1208	NEILSEN	13120805	9	Aug 09, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Aug 09, 2019	0.56	0.56	0.56	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 09, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 09, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 10, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		Aug 10	264.0	3.0	0.0	267.0	0.00	267.0	3.0	0.0	0.0	264.0	0.0	0.0
9	Howell to Chilly		Aug 10	28.6	101.2	0.0	-134.2	0.51	132.8	96.6	4.6	0.0	33.2	-4.6	0.0
8	Chilly to Reservoir	*	Aug 10	265.4	34.3	0.0	271.1	0.00	403.9	34.0	0.3	0.0	270.3	-4.9	0.0
	Disconnected														
7	Mackay Reservoir	*	Aug 10	430.4	0.0	0.0	265.4	0.00	272.8	0.0		0.0	265.4	165.0	0.0
6	Reservoir to 2B		Aug 10	420.0	10.4	0.0	0.0	0.00	265.4	7.4	3.0	0.0	258.0	162.0	0.0
5	2B to Leslie		Aug 10	291.0	136.4	0.0	7.4	0.00	272.8	84.9	51.5	0.0	180.5	110.5	0.0
4	Leslie to Moore		Aug 10	61.2	123.3	0.0	-106.5	0.37	272.8	69.6	53.8	0.0	44.9	16.3	0.0
2	Moore to blw Munsey		Aug 10	2.7	56.5	27.4	-29.4	0.48	272.8	23.3	10.1	23.0	0.0	2.7	0.0
1	Blw Munsey to Arco		Aug 10	4.3	0.0	0.0	1.6	0.00	274.3	0.0	0.0	0.0	1.6	2.7	0.0
								TOTAL		318.8	123.3	23.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 10	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 10	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 10	0.0	0.0		19171003	100%
	Disconnected						
7	Mackay Reservoir	Aug 10	0.0	0.0		18910630	50%
6	Reservoir to 2B	Aug 10	0.0	0.0		18910630	50%
5	2B to Leslie	Aug 10	0.0	0.0		18910630	50%
4	Leslie to Moore	Aug 10	0.0	0.0		18910630	50%
2	Moore to blw Munsey	Aug 10	21.6	7.8		18910630	50%
1	Blw Munsey to Arco	Aug 10	0.0	0.0		18910630	50%
		TOTAL	87.7	48.2	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
35480.0	35130.0	-350.0	-176.5	11.4

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-43211.5
Total Storage Deliver	-23606.2
Total Evaporation	-1897.6
Accounting Balance	34860.3
Current Res Content	35130.0
Storage Balance Error	-269.7

DAILY STORAGE BALANCE

35480.0	Reservoir Content Previous Day [ac-ft]
35130.0	Reservoir Content Current Day [ac-ft]
-350.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-101.0	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-40.4	Leslie to Moore [cfs]
-7.8	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-2.7	Past Arco Gage [cfs]
-241.2	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
3.0	Reservoir to 2B [cfs]
51.5	2B to Leslie [cfs]
53.8	Leslie to Moore [cfs]
13.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-22.7	Evaporation [ac-ft]
-364.9	Accounting Change in Storage [ac-ft]
-14.9	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

265.4	Gain in/above Mackay Reservoir [cfs]
7.4	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
1.6	Gain in Reach 1: Munsey to Arco [cfs]
274.4	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
89.2	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
66.1	Leslie to Moore [cfs]
21.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1.6	Natural Flow Past Arco Gage [cfs]
185.2	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
7.4	Reservoir to 2B [cfs]
84.9	2B to Leslie [cfs]
69.6	Leslie to Moore [cfs]
23.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
274.4	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	10.9	545
Eastside Felton Wier +	15.7	785
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	9.8	490
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	54.0	2700
Groundwater to Arco	8.0	400
Groundwater to Munsey	19.4	970

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.5	25
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.2	110
Island Wanstrom David +	0.0	0
Eastside OUT	34.4	1720
Total Out	45.7	2285

Abbreviated Reach Delivery Factor 0.85
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 72.5%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 19.9 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 14.5 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 20.0 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 280.0%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 7.2 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 6.3 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 251.6%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 203.1%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 10, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	3.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	10.4	3.0	71.7
9	BITTON	4.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	1.5	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	22.4	7.2	740.1
9	Thalman Hunter D	1.5	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	44.0	15.5	1314.0
9	NEILSEN	44.0	4.6	739.3	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	70.0	28.8	2563.4
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	47.2	0.0	6.4	8	Broken River Pum	5.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	11.0	5.7	1135.1
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.4	0.3	161.7	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	1.0	1.0	357.0
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	6.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	105.0	47.7	5077.5
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	6.3	0.0	8580.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	26.5	-0.1	1513.0
8	Donahue 2	1.6	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	30.0	13.4	1151.6
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	4.5	659.5	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	9.8	894.3
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	580.1	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	376.2	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 10, 2019	5.00	5.00	5.00	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 10, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 10, 2019	0.59	0.59	0.59	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 10, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Aug 10, 2019	3.00	3.00	3.00	100.0%
18830601	221	855	MOORE	13132050	4	Aug 10, 2019	1.60	2.52	1.60	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 10, 2019	0.27	0.43	0.27	100.0%
18830601	224	854	MOORE	13132050	4	Aug 10, 2019	3.14	4.95	3.14	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 10, 2019	1.54	2.43	1.54	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 10, 2019	0.79	1.25	0.79	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 10, 2019	1.73	2.73	1.73	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 10, 2019	1.13	1.78	1.13	100.0%
18830810	263	393	MOORE	13132050	4	Aug 10, 2019	0.18	0.28	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Aug 10, 2019	0.48	0.76	0.48	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 10, 2019	0.21	0.33	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 10, 2019	1.64	2.59	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Aug 10, 2019	0.14	0.22	0.14	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 10, 2019	1.62	1.62	1.62	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 10, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 10, 2019	0.12	0.12	0.12	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 10, 2019	2.17	2.17	2.17	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 10, 2019	0.14	0.14	0.14	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 10, 2019	1.38	1.38	1.38	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 10, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 10, 2019	0.55	0.55	0.55	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 10, 2019	0.96	0.96	0.96	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 10, 2019	0.20	0.20	0.20	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 10, 2019	0.21	0.21	0.21	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 10, 2019	1.92	1.92	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 10, 2019	2.00	2.00	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 10, 2019	0.79	0.79	0.79	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 10, 2019	0.50	0.50	0.50	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 10, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 10, 2019	0.12	0.12	0.12	100.0%
18840422	284	228	SHARP	13126500	6	Aug 10, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Aug 10, 2019	4.00	4.00	4.00	100.0%
18840422	397	10	SHARP	13126500	6	Aug 10, 2019	0.12	0.12	0.12	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 10, 2019	0.08	0.08	0.08	100.0%
18840422	24	120	SHARP	13126500	6	Aug 10, 2019	0.08	0.08	0.08	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 10, 2019	0.50	0.50	0.50	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 10, 2019	0.80	0.80	0.80	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 10, 2019	0.40	0.40	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 10, 2019	0.77	0.77	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 10, 2019	1.23	1.23	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 10, 2019	1.60	1.60	1.60	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 10, 2019	1.15	1.81	1.15	100.0%
18840520	180	470	MOORE	13132050	4	Aug 10, 2019	0.16	0.25	0.16	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 10, 2019	0.74	1.17	0.74	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 10, 2019	0.04	0.06	0.04	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 10, 2019	0.01	0.02	0.01	100.0%
18840520	96	451	MOORE	13132050	4	Aug 10, 2019	0.58	0.91	0.58	100.0%
18840520	219	547	MOORE	13132050	4	Aug 10, 2019	1.15	1.81	1.15	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 10, 2019	2.11	3.33	2.11	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 10, 2019	1.60	2.52	1.60	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 10, 2019	0.02	0.03	0.02	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 10, 2019	0.78	1.23	0.78	100.0%
18840520	263	394	MOORE	13132050	4	Aug 10, 2019	0.22	0.35	0.22	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 10, 2019	0.18	0.29	0.18	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 10, 2019	1.60	2.52	1.60	100.0%

18840520	187	1935	MOORE	13132050	4	Aug 10, 2019	0.04	0.06	0.04	100.0%
18840520	113	585	MOORE	13132050	4	Aug 10, 2019	0.11	0.17	0.11	100.0%
18840520	340	816	MOORE	13132050	4	Aug 10, 2019	0.36	0.57	0.36	100.0%
18840520	242	210	MOORE	13132050	4	Aug 10, 2019	0.21	0.33	0.21	100.0%
18840520	433	271	MOORE	13132050	4	Aug 10, 2019	0.54	0.85	0.54	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 10, 2019	0.01	0.02	0.01	100.0%
18840520	427	1	MOORE	13132050	4	Aug 10, 2019	1.26	1.99	1.26	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 10, 2019	2.24	3.53	2.24	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 10, 2019	0.80	1.26	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 10, 2019	0.72	0.72	0.72	100.0%
18840601	263	395	MOORE	13132050	4	Aug 10, 2019	0.08	0.13	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Aug 10, 2019	0.21	0.33	0.21	100.0%
18840601	15	131	MOORE	13132050	4	Aug 10, 2019	0.37	0.58	0.37	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 10, 2019	1.04	1.64	1.04	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 10, 2019	0.16	0.25	0.16	100.0%
18840601	360	693	BURNETT	13127750	5	Aug 10, 2019	0.80	0.80	0.80	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 10, 2019	0.37	0.37	0.37	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 10, 2019	0.23	0.23	0.23	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 10, 2019	0.80	0.80	0.80	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 10, 2019	0.73	0.73	0.73	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 10, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 10, 2019	0.80	0.80	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Aug 10, 2019	0.80	1.26	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 10, 2019	0.80	1.26	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Aug 10, 2019	0.80	1.26	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 10, 2019	1.20	1.89	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Aug 10, 2019	0.80	1.26	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 10, 2019	1.20	1.89	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 10, 2019	0.80	1.26	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 10, 2019	0.61	0.96	0.61	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 10, 2019	0.80	1.26	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 10, 2019	0.80	1.26	0.80	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 10, 2019	0.58	0.91	0.58	100.0%
18840831	533	421	MOORE	13132050	4	Aug 10, 2019	0.14	0.22	0.14	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 10, 2019	0.20	0.32	0.20	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 10, 2019	0.50	0.79	0.50	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 10, 2019	0.40	0.63	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 10, 2019	3.20	5.05	3.20	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 10, 2019	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Aug 10, 2019	0.80	0.80	0.80	100.0%
18841012	205	2067	BECK	13130525	4	Aug 10, 2019	1.76	2.78	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 10, 2019	0.89	1.40	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Aug 10, 2019	0.58	0.91	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Aug 10, 2019	1.25	1.97	1.25	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 10, 2019	0.81	0.81	0.81	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 10, 2019	3.30	3.30	3.30	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 10, 2019	2.77	2.77	2.77	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 10, 2019	1.20	1.20	1.20	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 10, 2019	0.74	0.74	0.74	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 10, 2019	2.70	2.70	2.70	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 10, 2019	0.08	0.08	0.08	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 10, 2019	0.43	0.43	0.43	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Aug 10, 2019	1.09	1.09	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Aug 10, 2019	0.54	0.54	0.54	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 10, 2019	0.61	0.61	0.61	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 10, 2019	2.00	2.00	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 10, 2019	0.79	0.79	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 10, 2019	1.65	1.65	1.65	100.0%
18850501	423	87	ARCO	13132365	2	Aug 10, 2019	0.20	0.61	0.20	100.0%
18850501	423	186	ARCO	13132365	2	Aug 10, 2019	0.26	0.79	0.26	100.0%
18850501	468	59	ARCO	13132365	2	Aug 10, 2019	0.74	2.24	0.74	100.0%
18850501	426	887	ARCO	13132365	2	Aug 10, 2019	0.64	1.94	0.64	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 10, 2019	0.24	0.38	0.24	100.0%
18850501	2549	2147	EASTSIDE FIELD H	13132061	4	Aug 10, 2019	0.62	0.98	0.62	100.0%

18850501	130	1285	NEILSEN	13120805	9	Aug 10, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 10, 2019	0.50	0.50	0.50	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 10, 2019	0.34	0.54	0.34	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 10, 2019	0.20	0.32	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 10, 2019	0.30	0.47	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 10, 2019	0.56	0.88	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 10, 2019	1.37	1.37	1.37	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 10, 2019	0.19	0.19	0.19	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 10, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 10, 2019	0.01	0.01	0.01	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 10, 2019	1.56	2.45	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Aug 10, 2019	0.04	0.07	0.04	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 10, 2019	2.00	2.00	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 10, 2019	3.20	3.20	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Aug 10, 2019	0.59	0.93	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Aug 10, 2019	0.50	0.79	0.50	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 10, 2019	1.20	1.89	1.20	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 10, 2019	1.26	1.26	1.26	100.0%
18850601	2328	2171	SWAUGER	13127600	5	Aug 10, 2019	0.09	0.09	0.09	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Aug 10, 2019	1.66	1.66	1.66	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 10, 2019	2.58	2.58	2.58	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Aug 10, 2019	0.53	0.53	0.53	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 10, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Aug 10, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 10, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 10, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 10, 2019	3.08	3.08	3.08	100.0%
18851002	356	42	ARCO	13132365	2	Aug 10, 2019	4.50	13.65	4.50	100.0%
18851002	468	61	ARCO	13132365	2	Aug 10, 2019	3.60	10.92	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Aug 10, 2019	1.54	4.67	1.54	100.0%
18851002	356	82	ARCO	13132365	2	Aug 10, 2019	0.34	1.03	0.34	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 10, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 10, 2019	2.80	4.42	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Aug 10, 2019	1.20	1.89	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 10, 2019	2.64	4.16	1.38	52.4%
18860512	263	398	MOORE	13132050	4	Aug 10, 2019	0.18	0.28	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Aug 10, 2019	0.48	0.76	0.48	100.0%
18860601	16	1009	MOORE	13132050	4	Aug 10, 2019	2.26	3.56	2.26	100.0%
18860601	470	1858	MOORE	13132050	4	Aug 10, 2019	0.09	0.14	0.09	100.0%
18860601	470	1323	MOORE	13132050	4	Aug 10, 2019	0.20	0.32	0.20	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 10, 2019	1.50	2.37	1.50	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Aug 10, 2019	1.60	2.52	0.05	3.0%
18860630	604	1710	MOORE	13132050	4	Aug 10, 2019	0.04	0.06	0.04	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Aug 10, 2019	0.70	0.70	0.70	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 10, 2019	1.31	1.31	1.31	100.0%
18860721	260	1668	BURNETT	13127750	5	Aug 10, 2019	1.26	1.26	1.26	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 10, 2019	0.80	0.80	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 10, 2019	1.82	1.82	1.82	100.0%
18860901	180	2	MUNSEY	13132375	2	Aug 10, 2019	0.84	2.55	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 10, 2019	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 10, 2019	1.40	1.40	1.40	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 10, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Aug 10, 2019	1.26	1.26	1.26	100.0%
18870313	433	683	MOORE	13132050	4	Aug 10, 2019	0.70	1.10	0.70	100.0%
18870313	459	682	MOORE	13132050	4	Aug 10, 2019	0.65	1.03	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Aug 10, 2019	0.42	0.66	0.42	100.0%
18870313	360	681	BURNETT	13127750	5	Aug 10, 2019	0.80	0.80	0.80	100.0%
18870313	73	2028	BURNETT	13127750	5	Aug 10, 2019	1.05	1.05	1.05	100.0%
18870313	73	2029	BURNETT	13127750	5	Aug 10, 2019	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 10, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 10, 2019	2.80	2.80	2.80	100.0%
18870501	468	1309	ARCO	13132365	2	Aug 10, 2019	3.20	9.71	3.20	100.0%
18870601	423	1028	ARCO	13132365	2	Aug 10, 2019	1.80	5.46	1.80	100.0%
18870601	423	76	ARCO	13132365	2	Aug 10, 2019	0.22	0.67	0.22	100.0%

18870601	468	893	ARCO	13132365	2	Aug 10, 2019	0.04	0.12	0.04	100.0%
18870601	19	892	MUNSEY	13132375	2	Aug 10, 2019	1.34	4.06	1.34	100.0%
18870601	252	353	DARLINGTON	13127735	5	Aug 10, 2019	0.43	0.43	0.43	100.0%
18870601	73	2022	BURNETT	13127750	5	Aug 10, 2019	0.78	0.78	0.78	100.0%
18870601	490	1747	BURNETT	13127750	5	Aug 10, 2019	0.25	0.25	0.25	100.0%
18870601	139	845	BURNETT	13127750	5	Aug 10, 2019	0.92	0.92	0.92	100.0%
18870601	490	1783	BURNETT	13127750	5	Aug 10, 2019	0.95	0.95	0.95	100.0%
18870630	236	1428	BECK	13130525	4	Aug 10, 2019	0.80	1.26	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	Aug 10, 2019	0.80	0.80	0.80	100.0%
18870701	423	102	ARCO	13132365	2	Aug 10, 2019	1.60	4.85	1.60	100.0%
18870701	423	656	ARCO	13132365	2	Aug 10, 2019	1.30	3.94	1.30	100.0%
18870801	119	1166	BURNETT	13127750	5	Aug 10, 2019	0.05	0.05	0.05	100.0%
18880401	279	2120	Anderson	13120745	9	Aug 10, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Aug 10, 2019	0.49	0.49	0.49	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 10, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 10, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Aug 10, 2019	0.33	1.00	0.33	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 10, 2019	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	Aug 10, 2019	0.30	0.47	0.30	100.0%
18880630	490	1826	BURNETT	13127750	5	Aug 10, 2019	0.24	0.24	0.24	100.0%
18880630	490	1750	BURNETT	13127750	5	Aug 10, 2019	0.06	0.06	0.06	100.0%
18880801	423	111	ARCO	13132365	2	Aug 10, 2019	0.46	1.40	0.46	100.0%
18880801	442	750	MUNSEY	13132375	2	Aug 10, 2019	0.40	1.21	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Aug 10, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Aug 10, 2019	0.73	0.73	0.73	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 10, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 10, 2019	0.30	0.30	0.30	100.0%
18881101	59	2222	BITTON	13120735	9	Aug 10, 2019	1.66	1.66	1.66	100.0%
18881101	2610	2095	BITTON	13120735	9	Aug 10, 2019	1.54	1.54	1.54	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Aug 10, 2019	1.10	1.10	1.10	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Aug 10, 2019	1.05	1.05	1.05	100.0%
18890601	441	205	MOORE	13132050	4	Aug 10, 2019	0.97	1.53	0.97	100.0%
18890601	463	1396	MOORE	13132050	4	Aug 10, 2019	0.20	0.32	0.20	100.0%
18890601	336	979	BURNETT	13127750	5	Aug 10, 2019	1.88	1.88	1.88	100.0%
18890601	589	716	BURNETT	13127750	5	Aug 10, 2019	2.70	2.70	2.70	100.0%
18890601	322	968	BURNETT	13127750	5	Aug 10, 2019	0.80	0.80	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	Aug 10, 2019	1.20	1.20	1.20	100.0%
18890601	490	1748	BURNETT	13127750	5	Aug 10, 2019	0.18	0.18	0.18	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 10, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 10, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 10, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Aug 10, 2019	1.76	1.76	1.76	100.0%
18910630	205	2065	BECK	13130525	4	Aug 10, 2019	0.39	0.62	0.19	49.7%
18910630	414	1849	MOORE	13132050	4	Aug 10, 2019	0.34	0.54	0.17	49.7%
18910630	44	1003	MOORE	13132050	4	Aug 10, 2019	0.16	0.25	0.08	49.7%
18910630	322	1247	BURNETT	13127750	5	Aug 10, 2019	0.80	0.80	0.40	49.7%
18910801	307	77	CHILLY	13121105	9	Aug 10, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 10, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 10, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 10, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	BITTON	13120735	9	Aug 10, 2019	0.29	0.29	0.29	100.0%
18931101	59	1279	BITTON	13120735	9	Aug 10, 2019	0.05	0.05	0.05	100.0%
18931101	2610	2096	BITTON	13120735	9	Aug 10, 2019	0.46	0.46	0.46	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 10, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 10, 2019	2.98	2.98	2.98	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 10, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 10, 2019	3.20	3.20	3.20	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 10, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 10, 2019	0.18	0.18	0.18	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 10, 2019	2.00	2.00	2.00	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 10, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 10, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Aug 10, 2019	0.29	0.29	0.29	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Aug 10, 2019	0.29	0.29	0.29	100.0%

18991001	2329	1735	NEILSEN	13120805	9	Aug 10, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 10, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 10, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	Aug 10, 2019	1.60	1.60	1.60	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Aug 10, 2019	1.24	1.24	1.24	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 10, 2019	0.90	0.90	0.90	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 10, 2019	3.40	3.40	3.40	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 10, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 10, 2019	2.60	2.60	2.60	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 10, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 10, 2019	1.60	1.60	1.60	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 10, 2019	0.09	0.09	0.09	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 10, 2019	0.13	0.13	0.13	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 10, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 10, 2019	0.80	0.80	0.80	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 10, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 10, 2019	0.62	0.62	0.62	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 10, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Aug 10, 2019	0.24	0.24	0.24	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 10, 2019	1.08	1.08	1.08	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 10, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 10, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 10, 2019	0.15	0.15	0.15	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Aug 10, 2019	0.34	0.34	0.34	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 10, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Aug 10, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 10, 2019	0.13	0.13	0.13	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 10, 2019	0.82	0.82	0.82	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 10, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 10, 2019	0.40	0.40	0.40	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 10, 2019	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 10, 2019	1.30	1.30	1.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 10, 2019	0.10	0.10	0.10	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 10, 2019	3.00	3.00	3.00	100.0%
19050501	232	2155	NEILSEN	13120805	9	Aug 10, 2019	0.06	0.06	0.06	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 10, 2019	0.50	0.50	0.50	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Aug 10, 2019	0.27	0.27	0.27	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 10, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 10, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 10, 2019	0.40	0.40	0.40	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 10, 2019	0.20	0.20	0.20	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 10, 2019	1.10	1.10	1.10	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 10, 2019	0.78	0.78	0.78	100.0%
19060620	364	691	CHILLY	13121105	9	Aug 10, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 10, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 10, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Aug 10, 2019	0.50	0.50	0.50	100.0%
19090830	575	890	Broken River Pum	13124050	8	Aug 10, 2019	0.82	0.82	0.82	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Aug 10, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Aug 10, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 10, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Aug 10, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Aug 10, 2019	0.70	0.70	0.70	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Aug 10, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 10, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 10, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 10, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	Aug 10, 2019	0.20	0.20	0.20	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 10, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 10, 2019	1.30	1.30	1.30	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 10, 2019	1.32	1.32	1.32	100.0%
19140601	445	412	NEILSEN	13120805	9	Aug 10, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Aug 10, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 10, 2019	0.80	0.80	0.80	100.0%

19160212	2329	1736	NEILSEN	13120805	9	Aug 10, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Aug 10, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Aug 10, 2019	1.81	1.81	1.81	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Aug 10, 2019	0.67	0.67	0.67	100.0%
19160701	101	1208	NEILSEN	13120805	9	Aug 10, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Aug 10, 2019	0.56	0.56	0.56	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 10, 2019	0.02	0.02	0.02	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 11, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		Aug 11	245.0	3.0	0.0	248.0	0.00	248.0	3.0	0.0	0.0	245.0	0.0	0.0
9	Howell to Chilly		Aug 11	19.7	101.2	0.0	-124.1	0.51	123.9	96.6	4.6	0.0	24.3	-4.6	0.0
8	Chilly to Reservoir	*	Aug 11	252.3	34.3	0.0	266.9	0.00	390.8	34.0	0.3	0.0	257.2	-4.9	0.0
	Disconnected														
7	Mackay Reservoir	*	Aug 11	426.0	0.0	0.0	252.3	0.00	252.3	0.0		0.0	252.3	173.7	0.0
6	Reservoir to 2B		Aug 11	417.0	9.0	0.0	0.0	0.00	252.3	6.7	2.3	0.0	245.6	171.4	0.0
5	2B to Leslie		Aug 11	290.0	125.0	0.0	-2.0	0.00	252.3	78.7	46.3	0.0	165.7	124.3	0.0
4	Leslie to Moore		Aug 11	56.6	122.3	0.0	-111.1	0.38	252.3	67.7	54.6	0.0	34.5	22.1	0.0
2	Moore to blw Munsey		Aug 11	2.7	48.0	27.4	-33.3	0.59	252.3	14.2	10.8	23.0	0.0	2.7	0.0
1	Blw Munsey to Arco		Aug 11	3.3	0.0	0.0	0.6	0.00	252.9	0.0	0.0	0.0	0.6	2.7	0.0
								TOTAL		300.9	118.9	23.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 11	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 11	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 11	0.0	0.0		19171003	100%
	Disconnected						
7	Mackay Reservoir	Aug 11	0.0	0.0		18890601	4%
6	Reservoir to 2B	Aug 11	0.0	0.0		18890601	4%
5	2B to Leslie	Aug 11	1.2	0.8		18890601	4%
4	Leslie to Moore	Aug 11	63.5	47.6		18890601	4%
2	Moore to blw Munsey	Aug 11	20.3	13.0		18890601	4%
1	Blw Munsey to Arco	Aug 11	0.0	0.0		18890601	4%
		TOTAL	85.0	61.4	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
35130.0	34760.0	-370.0	-186.5	12.8

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-43338.6
Total Storage Deliver	-23832.3
Total Evaporation	-1923.0
Accounting Balance	34481.7
Current Res Content	34760.0
Storage Balance Error	-278.3

DAILY STORAGE BALANCE

35130.0	Reservoir Content Previous Day [ac-ft]
34760.0	Reservoir Content Current Day [ac-ft]
-370.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-127.1	Stored Flow Losses [ac-ft]
-0.8	2B to Leslie [cfs]
-47.6	Leslie to Moore [cfs]
-13.0	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-2.7	Past Arco Gage [cfs]
-232.9	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
2.3	Reservoir to 2B [cfs]
46.3	2B to Leslie [cfs]
54.6	Leslie to Moore [cfs]
14.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-25.4	Evaporation [ac-ft]
-385.4	Accounting Change in Storage [ac-ft]
-15.4	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

252.3	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.6	Gain in Reach 1: Munsey to Arco [cfs]
252.9	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
85.6	Natural Flow Losses below Reservoir [cfs]
1.2	2B to Leslie [cfs]
63.5	Leslie to Moore [cfs]
20.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.6	Natural Flow Past Arco Gage [cfs]
167.3	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
6.7	Reservoir to 2B [cfs]
78.7	2B to Leslie [cfs]
67.7	Leslie to Moore [cfs]
14.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
252.9	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	10.7	535
Eastside Felton Wier +	16.3	815
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	9.8	490
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	54.4	2720
Groundwater to Arco	8.0	400
Groundwater to Munsey	19.4	970

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.5	77
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.5	25
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	2.8	140
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	2.2	110
Island Wanstrom David +	0.0	0
Eastside OUT	34.1	1705
Total Out	45.4	2270

Abbreviated Reach Delivery Factor | 0.83
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 71.4%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 19.6 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 14.5 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 20.3 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 283.0%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 7.2 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 6.3 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 252.8%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 202.1%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 11, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	3.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	9.0	2.3	76.3
9	BITTON	4.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	1.5	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	20.0	5.1	750.2
9	Thalman Hunter D	1.5	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	40.0	11.2	1336.2
9	NEILSEN	44.0	4.6	748.5	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	65.0	30.0	2622.9
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	47.2	0.0	6.4	8	Broken River Pum	5.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	10.0	5.2	1145.3
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.4	0.3	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	1.0	1.0	359.0
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	6.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	0.0	4	MOORE	105.0	49.1	5174.8
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	6.3	0.0	8580.7
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	18.0	-0.7	1513.0
8	Donahue 2	1.6	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	30.0	14.9	1181.1
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	4.5	668.4	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	9.8	933.2
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	618.2	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	408.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 11, 2019	5.00	5.00	5.00	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 11, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 11, 2019	0.59	0.59	0.59	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 11, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Aug 11, 2019	3.00	3.00	3.00	100.0%
18830601	221	855	MOORE	13132050	4	Aug 11, 2019	1.60	2.61	1.60	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 11, 2019	1.54	2.51	1.54	100.0%
18830601	224	854	MOORE	13132050	4	Aug 11, 2019	3.14	5.11	3.14	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 11, 2019	0.27	0.44	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 11, 2019	0.79	1.29	0.79	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 11, 2019	1.73	2.82	1.73	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 11, 2019	1.13	1.84	1.13	100.0%
18830810	263	393	MOORE	13132050	4	Aug 11, 2019	0.18	0.29	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Aug 11, 2019	0.48	0.78	0.48	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 11, 2019	0.21	0.35	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 11, 2019	1.64	2.67	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Aug 11, 2019	0.14	0.23	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 11, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 11, 2019	1.62	1.63	1.62	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 11, 2019	0.12	0.12	0.12	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 11, 2019	0.20	0.20	0.20	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 11, 2019	0.55	0.55	0.55	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 11, 2019	1.42	1.43	1.42	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 11, 2019	1.63	1.64	1.63	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 11, 2019	2.17	2.18	2.17	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 11, 2019	0.96	0.96	0.96	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 11, 2019	0.14	0.14	0.14	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 11, 2019	0.79	0.79	0.79	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 11, 2019	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 11, 2019	2.00	2.01	2.00	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 11, 2019	0.21	0.21	0.21	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 11, 2019	1.92	1.93	1.92	100.0%
18840422	284	228	SHARP	13126500	6	Aug 11, 2019	0.10	0.10	0.10	100.0%
18840422	24	120	SHARP	13126500	6	Aug 11, 2019	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 11, 2019	0.64	0.64	0.64	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 11, 2019	0.10	0.10	0.10	100.0%
18840422	347	938	SHARP	13126500	6	Aug 11, 2019	3.90	3.90	3.90	100.0%
18840422	397	10	SHARP	13126500	6	Aug 11, 2019	0.12	0.12	0.12	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 11, 2019	0.08	0.08	0.08	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 11, 2019	0.50	0.50	0.50	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 11, 2019	0.77	0.77	0.77	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 11, 2019	0.80	0.80	0.80	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 11, 2019	1.60	1.61	1.60	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 11, 2019	0.40	0.40	0.40	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 11, 2019	1.23	1.24	1.23	100.0%
18840520	96	451	MOORE	13132050	4	Aug 11, 2019	0.58	0.94	0.58	100.0%
18840520	340	816	MOORE	13132050	4	Aug 11, 2019	0.36	0.59	0.36	100.0%
18840520	219	547	MOORE	13132050	4	Aug 11, 2019	1.15	1.87	1.15	100.0%
18840520	433	271	MOORE	13132050	4	Aug 11, 2019	0.54	0.88	0.54	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 11, 2019	1.15	1.87	1.15	100.0%
18840520	242	210	MOORE	13132050	4	Aug 11, 2019	0.21	0.34	0.21	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 11, 2019	0.01	0.02	0.01	100.0%
18840520	263	394	MOORE	13132050	4	Aug 11, 2019	0.22	0.36	0.22	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 11, 2019	0.01	0.02	0.01	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 11, 2019	0.78	1.27	0.78	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 11, 2019	0.04	0.07	0.04	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 11, 2019	0.04	0.07	0.04	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 11, 2019	2.11	3.44	2.11	100.0%
18840520	180	470	MOORE	13132050	4	Aug 11, 2019	0.16	0.26	0.16	100.0%

18840520	414	1796	MOORE	13132050	4	Aug 11, 2019	1.60	2.61	1.60	100.0%
18840520	427	1	MOORE	13132050	4	Aug 11, 2019	1.26	2.05	1.26	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 11, 2019	1.60	2.61	1.60	100.0%
18840520	113	585	MOORE	13132050	4	Aug 11, 2019	0.11	0.18	0.11	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 11, 2019	0.18	0.29	0.18	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 11, 2019	0.74	1.21	0.74	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 11, 2019	2.24	3.65	2.24	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 11, 2019	0.02	0.03	0.02	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 11, 2019	0.80	1.30	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 11, 2019	0.72	0.72	0.72	100.0%
18840601	263	395	MOORE	13132050	4	Aug 11, 2019	0.08	0.13	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 11, 2019	1.04	1.69	1.04	100.0%
18840601	15	131	MOORE	13132050	4	Aug 11, 2019	0.37	0.60	0.37	100.0%
18840601	96	453	MOORE	13132050	4	Aug 11, 2019	0.21	0.34	0.21	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 11, 2019	0.16	0.26	0.16	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 11, 2019	0.37	0.37	0.37	100.0%
18840601	360	693	BURNETT	13127750	5	Aug 11, 2019	0.80	0.80	0.80	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 11, 2019	0.80	0.80	0.80	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 11, 2019	0.73	0.74	0.73	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 11, 2019	0.23	0.23	0.23	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 11, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 11, 2019	0.40	0.40	0.40	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 11, 2019	0.80	1.30	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 11, 2019	1.20	1.95	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 11, 2019	1.20	1.95	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 11, 2019	0.80	1.30	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Aug 11, 2019	0.80	1.30	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Aug 11, 2019	0.80	1.30	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Aug 11, 2019	0.80	1.30	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 11, 2019	0.80	1.30	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 11, 2019	0.61	0.99	0.61	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 11, 2019	0.80	1.30	0.80	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 11, 2019	0.58	0.94	0.58	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 11, 2019	0.20	0.33	0.20	100.0%
18840831	533	421	MOORE	13132050	4	Aug 11, 2019	0.14	0.23	0.14	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 11, 2019	0.50	0.81	0.50	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 11, 2019	0.40	0.65	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 11, 2019	3.20	5.21	3.20	100.0%
18840914	360	68	BURNETT	13127750	5	Aug 11, 2019	0.80	0.80	0.80	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 11, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Aug 11, 2019	1.76	2.87	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 11, 2019	0.89	1.45	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Aug 11, 2019	0.58	0.94	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Aug 11, 2019	1.25	2.04	1.25	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 11, 2019	0.08	0.08	0.08	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 11, 2019	3.30	3.32	3.30	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 11, 2019	0.81	0.81	0.81	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 11, 2019	1.20	1.21	1.20	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 11, 2019	0.74	0.74	0.74	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 11, 2019	0.43	0.43	0.43	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 11, 2019	2.40	2.41	2.40	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 11, 2019	2.77	2.78	2.77	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Aug 11, 2019	1.09	1.10	1.09	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 11, 2019	0.61	0.61	0.61	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 11, 2019	0.79	0.79	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 11, 2019	2.00	2.01	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 11, 2019	1.65	1.66	1.65	100.0%
18850501	423	186	ARCO	13132365	2	Aug 11, 2019	0.26	1.03	0.26	100.0%
18850501	426	887	ARCO	13132365	2	Aug 11, 2019	0.64	2.53	0.64	100.0%
18850501	423	87	ARCO	13132365	2	Aug 11, 2019	0.20	0.79	0.20	100.0%
18850501	2549	2147	EASTSIDE FIELD H	13132061	4	Aug 11, 2019	0.62	1.01	0.62	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 11, 2019	0.24	0.39	0.24	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 11, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 11, 2019	2.80	2.80	2.80	100.0%

18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 11, 2019	0.34	0.55	0.34	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 11, 2019	0.20	0.33	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 11, 2019	0.30	0.49	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 11, 2019	0.56	0.91	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 11, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 11, 2019	1.37	1.38	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 11, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 11, 2019	0.01	0.01	0.01	100.0%
18850531	413	1353	MOORE	13132050	4	Aug 11, 2019	0.04	0.07	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 11, 2019	1.56	2.53	1.56	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 11, 2019	3.20	3.22	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 11, 2019	2.00	2.01	2.00	100.0%
18850601	205	2064	BECK	13130525	4	Aug 11, 2019	0.59	0.96	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 11, 2019	1.20	1.95	1.20	100.0%
18850601	15	859	MOORE	13132050	4	Aug 11, 2019	0.50	0.81	0.50	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 11, 2019	1.26	1.27	1.26	100.0%
18850601	2328	2171	SWAUGER	13127600	5	Aug 11, 2019	0.09	0.09	0.09	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Aug 11, 2019	1.66	1.67	1.66	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Aug 11, 2019	0.63	0.63	0.63	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 11, 2019	2.60	2.61	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 11, 2019	1.54	1.55	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Aug 11, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 11, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 11, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 11, 2019	3.08	3.09	3.08	100.0%
18851002	356	82	ARCO	13132365	2	Aug 11, 2019	0.12	0.47	0.12	100.0%
18851002	437	62	ARCO	13132365	2	Aug 11, 2019	1.54	6.09	1.54	100.0%
18851002	356	42	ARCO	13132365	2	Aug 11, 2019	4.50	17.80	4.50	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 11, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 11, 2019	2.80	4.56	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Aug 11, 2019	1.20	1.95	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 11, 2019	2.64	4.30	1.39	52.8%
18860512	263	398	MOORE	13132050	4	Aug 11, 2019	0.18	0.29	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Aug 11, 2019	0.48	0.78	0.48	100.0%
18860601	470	1323	MOORE	13132050	4	Aug 11, 2019	0.20	0.33	0.20	100.0%
18860601	16	1009	MOORE	13132050	4	Aug 11, 2019	2.26	3.68	2.26	100.0%
18860601	470	1858	MOORE	13132050	4	Aug 11, 2019	0.09	0.15	0.09	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Aug 11, 2019	1.60	2.61	1.51	94.1%
18860630	604	1710	MOORE	13132050	4	Aug 11, 2019	0.04	0.07	0.04	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Aug 11, 2019	0.85	0.85	0.85	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 11, 2019	1.31	1.32	1.31	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 11, 2019	0.80	0.80	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Aug 11, 2019	1.32	1.33	1.32	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 11, 2019	1.92	1.93	1.92	100.0%
18860901	180	2	MUNSEY	13132375	2	Aug 11, 2019	0.84	3.32	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 11, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 11, 2019	0.34	0.34	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Aug 11, 2019	1.26	1.27	1.26	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 11, 2019	1.66	1.67	1.66	100.0%
18870313	459	338	MOORE	13132050	4	Aug 11, 2019	0.42	0.68	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Aug 11, 2019	0.65	1.06	0.65	100.0%
18870313	433	683	MOORE	13132050	4	Aug 11, 2019	0.70	1.14	0.70	100.0%
18870313	73	2028	BURNETT	13127750	5	Aug 11, 2019	1.05	1.06	1.05	100.0%
18870313	360	681	BURNETT	13127750	5	Aug 11, 2019	0.80	0.80	0.80	100.0%
18870313	73	2029	BURNETT	13127750	5	Aug 11, 2019	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 11, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 11, 2019	2.80	2.80	2.80	100.0%
18870601	423	76	ARCO	13132365	2	Aug 11, 2019	0.22	0.87	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Aug 11, 2019	1.80	7.12	1.80	100.0%
18870601	252	353	DARLINGTON	13127735	5	Aug 11, 2019	0.43	0.43	0.43	100.0%
18870601	490	1747	BURNETT	13127750	5	Aug 11, 2019	0.25	0.25	0.25	100.0%
18870601	73	2022	BURNETT	13127750	5	Aug 11, 2019	0.94	0.94	0.94	100.0%
18870601	139	845	BURNETT	13127750	5	Aug 11, 2019	0.92	0.92	0.92	100.0%
18870601	490	1783	BURNETT	13127750	5	Aug 11, 2019	0.95	0.95	0.95	100.0%

18870630	236	1428	BECK	13130525	4	Aug 11, 2019	0.80	1.30	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	Aug 11, 2019	0.80	0.80	0.80	100.0%
18870701	423	102	ARCO	13132365	2	Aug 11, 2019	1.60	6.33	1.60	100.0%
18870701	423	656	ARCO	13132365	2	Aug 11, 2019	1.30	5.14	1.30	100.0%
18870801	119	1166	BURNETT	13127750	5	Aug 11, 2019	0.11	0.11	0.11	100.0%
18880401	279	2120	Anderson	13120745	9	Aug 11, 2019	0.49	0.49	0.49	100.0%
18880401	279	2120	Thalman Hunter D	13120755	9	Aug 11, 2019	0.49	0.49	0.49	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 11, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 11, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Aug 11, 2019	0.33	1.31	0.33	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 11, 2019	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	Aug 11, 2019	0.06	0.10	0.06	100.0%
18880630	490	1826	BURNETT	13127750	5	Aug 11, 2019	0.24	0.24	0.24	100.0%
18880630	490	1750	BURNETT	13127750	5	Aug 11, 2019	0.06	0.06	0.06	100.0%
18880801	423	111	ARCO	13132365	2	Aug 11, 2019	0.46	1.82	0.46	100.0%
18880801	442	750	MUNSEY	13132375	2	Aug 11, 2019	0.40	1.58	0.40	100.0%
18880801	279	2125	Anderson	13120745	9	Aug 11, 2019	0.73	0.73	0.73	100.0%
18880801	279	2125	Thalman Hunter D	13120755	9	Aug 11, 2019	0.73	0.73	0.73	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 11, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 11, 2019	0.30	0.30	0.30	100.0%
18881101	59	2222	BITTON	13120735	9	Aug 11, 2019	1.66	1.66	1.66	100.0%
18881101	2610	2095	BITTON	13120735	9	Aug 11, 2019	1.54	1.54	1.54	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Aug 11, 2019	1.14	1.15	1.14	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Aug 11, 2019	0.01	0.01	0.01	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Aug 11, 2019	1.05	1.06	1.05	100.0%
18890601	441	205	MOORE	13132050	4	Aug 11, 2019	0.97	1.58	0.04	4.0%
18890601	475	969	BURNETT	13127750	5	Aug 11, 2019	1.20	1.21	0.05	4.0%
18890601	336	979	BURNETT	13127750	5	Aug 11, 2019	1.98	1.99	0.08	4.0%
18890601	589	716	BURNETT	13127750	5	Aug 11, 2019	2.70	2.71	0.11	4.0%
18890601	322	968	BURNETT	13127750	5	Aug 11, 2019	0.80	0.80	0.03	4.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 11, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 11, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 11, 2019	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	Aug 11, 2019	1.76	1.76	1.76	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 11, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 11, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 11, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 11, 2019	0.74	0.74	0.74	100.0%
18931101	59	2223	BITTON	13120735	9	Aug 11, 2019	0.29	0.29	0.29	100.0%
18931101	59	1279	BITTON	13120735	9	Aug 11, 2019	0.05	0.05	0.05	100.0%
18931101	2610	2096	BITTON	13120735	9	Aug 11, 2019	0.46	0.46	0.46	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 11, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 11, 2019	2.98	2.98	2.98	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 11, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 11, 2019	3.20	3.20	3.20	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 11, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 11, 2019	0.02	0.02	0.02	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 11, 2019	2.00	2.00	2.00	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 11, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 11, 2019	0.60	0.60	0.60	100.0%
18991001	279	2122	Anderson	13120745	9	Aug 11, 2019	0.29	0.29	0.29	100.0%
18991001	279	2122	Thalman Hunter D	13120755	9	Aug 11, 2019	0.29	0.29	0.29	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 11, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 11, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 11, 2019	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	Aug 11, 2019	1.60	1.60	1.60	100.0%
19020103	279	2241	BRADSHAW	13120705	9	Aug 11, 2019	1.24	1.24	1.24	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 11, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 11, 2019	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 11, 2019	3.40	3.40	3.40	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 11, 2019	3.20	3.20	3.20	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 11, 2019	2.60	2.60	2.60	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 11, 2019	0.09	0.09	0.09	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 11, 2019	1.60	1.60	1.60	100.0%

19020301	60	624	CHILLY	13121105	9	Aug 11, 2019	0.13	0.13	0.13	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 11, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 11, 2019	0.80	0.80	0.80	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 11, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 11, 2019	0.62	0.62	0.62	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 11, 2019	1.08	1.08	1.08	100.0%
19020601	682	742	NEILSEN	13120805	9	Aug 11, 2019	0.24	0.24	0.24	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 11, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 11, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 11, 2019	1.60	1.60	1.60	100.0%
19040601	2329	1740	NEILSEN	13120805	9	Aug 11, 2019	0.34	0.34	0.34	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 11, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 11, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Aug 11, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 11, 2019	0.13	0.13	0.13	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 11, 2019	0.40	0.40	0.40	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 11, 2019	1.30	1.30	1.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 11, 2019	0.10	0.10	0.10	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 11, 2019	0.30	0.30	0.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 11, 2019	0.65	0.65	0.65	100.0%
19050501	2329	1737	NEILSEN	13120805	9	Aug 11, 2019	0.27	0.27	0.27	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 11, 2019	0.50	0.50	0.50	100.0%
19050501	232	2155	NEILSEN	13120805	9	Aug 11, 2019	0.06	0.06	0.06	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 11, 2019	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 11, 2019	0.82	0.82	0.82	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 11, 2019	0.20	0.20	0.20	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 11, 2019	1.10	1.10	1.10	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 11, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 11, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 11, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 11, 2019	0.78	0.78	0.78	100.0%
19060620	364	691	CHILLY	13121105	9	Aug 11, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 11, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 11, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Aug 11, 2019	0.50	0.50	0.50	100.0%
19090830	575	890	Broken River Pum	13124050	8	Aug 11, 2019	0.82	0.82	0.82	100.0%
19100501	2610	2003	Donahue 1	13122230	8	Aug 11, 2019	0.04	0.04	0.04	100.0%
19100501	2610	2097	Donahue 1	13122230	8	Aug 11, 2019	0.04	0.04	0.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 11, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Aug 11, 2019	0.78	0.78	0.78	100.0%
19120227	364	954	CHILLY	13121105	9	Aug 11, 2019	0.70	0.70	0.70	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Aug 11, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 11, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 11, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 11, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	Aug 11, 2019	0.20	0.20	0.20	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 11, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 11, 2019	1.30	1.30	1.30	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 11, 2019	1.32	1.32	1.32	100.0%
19140601	445	413	NEILSEN	13120805	9	Aug 11, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Aug 11, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 11, 2019	0.80	0.80	0.80	100.0%
19160212	2329	1736	NEILSEN	13120805	9	Aug 11, 2019	0.10	0.10	0.10	100.0%
19160501	101	1371	NEILSEN	13120805	9	Aug 11, 2019	1.58	1.58	1.58	100.0%
19160501	129	2128	CHILLY	13121105	9	Aug 11, 2019	1.81	1.81	1.81	100.0%
19160601	2329	1734	NEILSEN	13120805	9	Aug 11, 2019	0.67	0.67	0.67	100.0%
19160701	101	1208	NEILSEN	13120805	9	Aug 11, 2019	0.32	0.32	0.32	100.0%
19170620	307	71	NEILSEN	13120805	9	Aug 11, 2019	0.56	0.56	0.56	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 11, 2019	0.02	0.02	0.02	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 12, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		Aug 12	233.0	3.0	0.0	236.0	0.00	236.0	3.0	0.0	0.0	233.0	0.0	0.0
9	Howell to Chilly		Aug 12	13.5	82.0	0.0	-137.5	0.59	98.5	77.5	4.5	0.0	18.0	-4.5	0.0
8	Chilly to Reservoir	*	Aug 12	250.1	31.8	0.0	268.4	0.00	366.9	31.4	0.4	0.0	255.0	-4.9	0.0
	Disconnected														
7	Mackay Reservoir	*	Aug 12	425.0	0.0	0.0	250.1	0.00	250.1	0.0		0.0	250.1	174.9	0.0
6	Reservoir to 2B		Aug 12	416.0	9.0	0.0	0.0	0.00	250.1	8.5	0.5	0.0	241.6	174.4	0.0
5	2B to Leslie		Aug 12	269.3	125.8	0.0	-20.9	0.05	250.1	82.7	43.1	0.0	146.7	122.6	0.0
4	Leslie to Moore		Aug 12	73.8	146.2	0.0	-49.3	0.18	250.1	83.3	62.9	0.0	36.5	37.2	0.0
2	Moore to blw Munsey		Aug 12	3.0	45.4	27.4	-52.8	0.72	250.1	10.4	13.2	21.8	0.0	3.0	0.0
1	Blw Munsey to Arco		Aug 12	2.8	0.0	0.0	-0.2	0.06	250.1	0.0	0.0	0.0	0.0	2.8	0.0
								TOTAL		296.9	124.6	21.8			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 12	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 12	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 12	0.0	0.0		19171003	100%
	Disconnected						
7	Mackay Reservoir	Aug 12	0.0	0.0		18890601	22%
6	Reservoir to 2B	Aug 12	0.0	0.0		18890601	22%
5	2B to Leslie	Aug 12	12.1	8.8		18890601	22%
4	Leslie to Moore	Aug 12	26.9	22.4		18890601	22%
2	Moore to blw Munsey	Aug 12	26.1	26.6		18890601	22%
1	Blw Munsey to Arco	Aug 12	0.0	0.2		18890601	22%
		TOTAL	65.1	58.0	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
34760.0	34390.0	-370.0	-186.5	11.6

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-43459.2
Total Storage Deliver	-24069.8
Total Evaporation	-1946.0
Accounting Balance	34100.5
Current Res Content	34390.0
Storage Balance Error	-289.5

DAILY STORAGE BALANCE

34760.0	Reservoir Content Previous Day [ac-ft]
34390.0	Reservoir Content Current Day [ac-ft]
-370.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-120.6	Stored Flow Losses [ac-ft]
-8.8	2B to Leslie [cfs]
-22.4	Leslie to Moore [cfs]
-26.6	Moore blw Munsey [cfs]
-0.2	blw Munsey to Arco Gage [cfs]
-2.8	Past Arco Gage [cfs]
-240.6	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.5	Reservoir to 2B [cfs]
43.1	2B to Leslie [cfs]
62.9	Leslie to Moore [cfs]
14.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-23.1	Evaporation [ac-ft]
-384.3	Accounting Change in Storage [ac-ft]
-14.3	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

250.1	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
250.1	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
65.1	Natural Flow Losses below Reservoir [cfs]
12.1	2B to Leslie [cfs]
26.9	Leslie to Moore [cfs]
26.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
184.9	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
8.5	Reservoir to 2B [cfs]
82.7	2B to Leslie [cfs]
83.3	Leslie to Moore [cfs]
10.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
250.0	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	10.1	505
Eastside Felton Wier +	14.5	725
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	9.8	490
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	52.0	2600
Groundwater to Arco	8.0	400
Groundwater to Munsey	19.4	970

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	1.5	75
Island Wanstrom David +	0.0	0
Eastside OUT	32.6	1630
Total Out	38.4	1918

Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.74

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 73.8%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 20.2 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 12.4 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 16.8 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 89.4%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 18.8 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 31.2 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 82.8%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 65.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 12, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	9.0	0.5	77.4
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	20.0	5.1	760.3
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	39.8	11.0	1358.0
9	NEILSEN	38.0	4.5	757.5	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	66.0	27.0	2676.4
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	44.0	0.0	6.4	8	Broken River Pum	4.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	10.0	4.4	1154.1
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	359.0
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	3.0	0.4	0.7	4	MOORE	105.0	48.6	5271.2
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	31.2	11.2	8602.8
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	15.4	1.9	1516.8
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	30.0	12.9	1206.7
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	678.4	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	9.8	972.1
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	23.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	656.3	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	439.7	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 12, 2019	4.90	4.90	4.90	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 12, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 12, 2019	0.59	0.59	0.59	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 12, 2019	1.20	1.20	1.20	100.0%
18830601	221	855	MOORE	13132050	4	Aug 12, 2019	1.60	2.06	1.60	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 12, 2019	0.79	1.02	0.79	100.0%
18830601	224	854	MOORE	13132050	4	Aug 12, 2019	3.16	4.07	3.16	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 12, 2019	1.54	1.98	1.54	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 12, 2019	0.27	0.35	0.27	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 12, 2019	1.73	2.23	1.73	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 12, 2019	1.13	1.46	1.13	100.0%
18830810	96	449	MOORE	13132050	4	Aug 12, 2019	0.48	0.62	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Aug 12, 2019	0.18	0.23	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 12, 2019	0.21	0.27	0.21	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Aug 12, 2019	0.21	0.27	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 12, 2019	1.64	2.11	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Aug 12, 2019	0.14	0.18	0.14	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 12, 2019	1.62	1.71	1.62	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 12, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 12, 2019	0.12	0.13	0.12	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 12, 2019	0.14	0.15	0.14	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 12, 2019	0.55	0.58	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 12, 2019	1.63	1.72	1.63	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 12, 2019	0.96	1.01	0.96	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 12, 2019	2.17	2.28	2.17	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 12, 2019	0.20	0.21	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 12, 2019	1.42	1.50	1.42	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 12, 2019	2.00	2.11	2.00	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 12, 2019	0.21	0.22	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 12, 2019	0.79	0.83	0.79	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 12, 2019	0.50	0.53	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 12, 2019	1.92	2.02	1.92	100.0%
18840422	544	2189	SHARP	13126500	6	Aug 12, 2019	1.00	1.00	1.00	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 12, 2019	0.10	0.10	0.10	100.0%
18840422	284	228	SHARP	13126500	6	Aug 12, 2019	0.10	0.10	0.10	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 12, 2019	0.64	0.64	0.64	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 12, 2019	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	Aug 12, 2019	3.90	3.90	3.90	100.0%
18840422	397	10	SHARP	13126500	6	Aug 12, 2019	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	Aug 12, 2019	0.08	0.08	0.08	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 12, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Aug 12, 2019	1.12	1.44	1.12	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 12, 2019	1.60	1.68	1.60	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 12, 2019	0.80	0.84	0.80	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 12, 2019	1.23	1.30	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 12, 2019	0.77	0.81	0.77	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 12, 2019	0.40	0.42	0.40	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 12, 2019	1.60	2.06	1.60	100.0%
18840520	113	585	MOORE	13132050	4	Aug 12, 2019	0.11	0.14	0.11	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 12, 2019	1.60	2.06	1.60	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 12, 2019	0.04	0.05	0.04	100.0%
18840520	96	451	MOORE	13132050	4	Aug 12, 2019	0.58	0.75	0.58	100.0%
18840520	263	394	MOORE	13132050	4	Aug 12, 2019	0.22	0.28	0.22	100.0%
18840520	427	1	MOORE	13132050	4	Aug 12, 2019	1.36	1.75	1.36	100.0%
18840520	433	271	MOORE	13132050	4	Aug 12, 2019	0.54	0.70	0.54	100.0%
18840520	340	816	MOORE	13132050	4	Aug 12, 2019	0.36	0.47	0.36	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 12, 2019	0.01	0.01	0.01	100.0%
18840520	219	547	MOORE	13132050	4	Aug 12, 2019	1.15	1.48	1.15	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 12, 2019	0.01	0.01	0.01	100.0%

18840520	2331	471	MOORE	13132050	4	Aug 12, 2019	2.14	2.76	2.14	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 12, 2019	0.78	1.01	0.78	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 12, 2019	2.24	2.89	2.24	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 12, 2019	0.02	0.03	0.02	100.0%
18840520	180	470	MOORE	13132050	4	Aug 12, 2019	0.16	0.21	0.16	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 12, 2019	1.15	1.48	1.15	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 12, 2019	0.04	0.05	0.04	100.0%
18840520	242	210	MOORE	13132050	4	Aug 12, 2019	0.21	0.27	0.21	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 12, 2019	0.80	1.03	0.80	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 12, 2019	0.18	0.23	0.18	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 12, 2019	0.80	1.03	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 12, 2019	0.72	0.76	0.72	100.0%
18840601	15	131	MOORE	13132050	4	Aug 12, 2019	0.37	0.47	0.37	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 12, 2019	1.12	1.44	1.12	100.0%
18840601	263	395	MOORE	13132050	4	Aug 12, 2019	0.08	0.10	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Aug 12, 2019	0.21	0.27	0.21	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 12, 2019	0.16	0.21	0.16	100.0%
18840601	360	693	BURNETT	13127750	5	Aug 12, 2019	0.80	0.84	0.80	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 12, 2019	0.73	0.77	0.73	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 12, 2019	0.23	0.24	0.23	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 12, 2019	0.37	0.39	0.37	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 12, 2019	0.80	0.84	0.80	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 12, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 12, 2019	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 12, 2019	1.20	1.55	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Aug 12, 2019	0.80	1.03	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 12, 2019	1.20	1.55	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 12, 2019	0.80	1.03	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Aug 12, 2019	0.80	1.03	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Aug 12, 2019	0.80	1.03	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 12, 2019	0.80	1.03	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 12, 2019	0.75	0.97	0.75	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 12, 2019	0.80	1.03	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 12, 2019	0.80	1.03	0.80	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 12, 2019	0.58	0.75	0.58	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 12, 2019	0.20	0.26	0.20	100.0%
18840831	533	421	MOORE	13132050	4	Aug 12, 2019	0.14	0.18	0.14	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 12, 2019	0.50	0.64	0.50	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Aug 12, 2019	0.40	0.52	0.40	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 12, 2019	0.40	0.52	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Aug 12, 2019	1.31	1.69	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 12, 2019	3.20	4.12	3.20	100.0%
18840914	360	68	BURNETT	13127750	5	Aug 12, 2019	0.80	0.84	0.80	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 12, 2019	0.40	0.42	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Aug 12, 2019	1.76	2.27	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Aug 12, 2019	0.58	0.75	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Aug 12, 2019	1.25	1.61	1.25	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 12, 2019	0.89	1.15	0.89	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 12, 2019	0.43	0.45	0.43	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 12, 2019	1.20	1.26	1.20	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 12, 2019	3.30	3.47	3.30	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 12, 2019	2.44	2.57	2.44	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 12, 2019	0.74	0.78	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 12, 2019	2.77	2.92	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 12, 2019	0.81	0.85	0.81	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 12, 2019	0.08	0.08	0.08	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Aug 12, 2019	1.09	1.15	1.09	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 12, 2019	0.79	0.83	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 12, 2019	2.00	2.11	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 12, 2019	1.65	1.74	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 12, 2019	0.61	0.64	0.61	100.0%
18850501	423	186	ARCO	13132365	2	Aug 12, 2019	0.26	1.18	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Aug 12, 2019	0.20	0.91	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 12, 2019	0.24	0.31	0.24	100.0%

18850501	255	401	NEILSEN	13120805	9	Aug 12, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 12, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Aug 12, 2019	0.20	0.26	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 12, 2019	1.40	1.80	1.40	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 12, 2019	0.20	0.26	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 12, 2019	0.30	0.39	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 12, 2019	0.56	0.72	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 12, 2019	0.19	0.20	0.19	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 12, 2019	0.11	0.12	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 12, 2019	0.01	0.01	0.01	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 12, 2019	1.37	1.44	1.37	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 12, 2019	1.56	2.01	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Aug 12, 2019	0.04	0.06	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Aug 12, 2019	3.12	4.02	3.12	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 12, 2019	2.00	2.11	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 12, 2019	3.20	3.37	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Aug 12, 2019	0.46	0.59	0.46	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 12, 2019	1.20	1.55	1.20	100.0%
18850601	15	859	MOORE	13132050	4	Aug 12, 2019	0.50	0.64	0.50	100.0%
18850601	2328	2171	SWAUGER	13127600	5	Aug 12, 2019	0.09	0.09	0.09	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 12, 2019	1.26	1.33	1.26	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Aug 12, 2019	0.63	0.66	0.63	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Aug 12, 2019	1.66	1.75	1.66	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 12, 2019	2.60	2.74	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 12, 2019	1.54	1.62	1.54	100.0%
18850601	544	2205	SHARP	13126500	6	Aug 12, 2019	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Aug 12, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 12, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 12, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 12, 2019	3.08	3.24	3.08	100.0%
18851002	356	42	ARCO	13132365	2	Aug 12, 2019	4.42	20.01	4.42	100.0%
18851002	437	62	ARCO	13132365	2	Aug 12, 2019	1.54	6.97	1.54	100.0%
18851002	318	545	MUNSEY	13132375	2	Aug 12, 2019	0.75	3.40	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Aug 12, 2019	0.80	3.62	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 12, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	Aug 12, 2019	1.20	1.55	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 12, 2019	2.64	3.40	2.64	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 12, 2019	2.64	3.40	2.64	100.0%
18860512	263	398	MOORE	13132050	4	Aug 12, 2019	0.18	0.23	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Aug 12, 2019	0.48	0.62	0.48	100.0%
18860601	470	1858	MOORE	13132050	4	Aug 12, 2019	0.09	0.12	0.09	100.0%
18860601	16	1009	MOORE	13132050	4	Aug 12, 2019	2.46	3.17	2.46	100.0%
18860601	470	1323	MOORE	13132050	4	Aug 12, 2019	0.20	0.26	0.20	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 12, 2019	1.50	1.93	1.50	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Aug 12, 2019	1.24	1.60	1.24	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Aug 12, 2019	1.60	2.06	1.60	100.0%
18860601	357	1288	BURNETT	13127750	5	Aug 12, 2019	1.60	1.68	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	Aug 12, 2019	0.04	0.05	0.04	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Aug 12, 2019	1.38	1.78	1.38	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Aug 12, 2019	0.08	0.10	0.08	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 12, 2019	1.31	1.38	1.31	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Aug 12, 2019	0.85	0.89	0.85	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 12, 2019	2.12	2.23	2.12	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 12, 2019	0.80	0.84	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Aug 12, 2019	1.38	1.45	1.38	100.0%
18860901	180	2	MUNSEY	13132375	2	Aug 12, 2019	0.84	3.80	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 12, 2019	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 12, 2019	2.08	2.19	2.08	100.0%
18860914	490	1795	BURNETT	13127750	5	Aug 12, 2019	1.26	1.33	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 12, 2019	0.34	0.36	0.34	100.0%
18870313	459	338	MOORE	13132050	4	Aug 12, 2019	0.42	0.54	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Aug 12, 2019	0.65	0.84	0.65	100.0%
18870313	433	683	MOORE	13132050	4	Aug 12, 2019	0.70	0.90	0.70	100.0%
18870313	73	2029	BURNETT	13127750	5	Aug 12, 2019	0.65	0.68	0.65	100.0%

18870313	360	681	BURNETT	13127750	5	Aug 12, 2019	0.80	0.84	0.80	100.0%
18870313	73	2028	BURNETT	13127750	5	Aug 12, 2019	1.05	1.11	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 12, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 12, 2019	1.80	1.80	1.80	100.0%
18870601	423	76	ARCO	13132365	2	Aug 12, 2019	0.22	1.00	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Aug 12, 2019	0.64	2.90	0.64	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Aug 12, 2019	2.08	2.68	2.08	100.0%
18870601	252	353	DARLINGTON	13127735	5	Aug 12, 2019	0.43	0.45	0.43	100.0%
18870601	490	1783	BURNETT	13127750	5	Aug 12, 2019	0.95	1.00	0.95	100.0%
18870601	490	1747	BURNETT	13127750	5	Aug 12, 2019	0.25	0.26	0.25	100.0%
18870601	73	2022	BURNETT	13127750	5	Aug 12, 2019	1.11	1.17	1.11	100.0%
18870601	73	2023	BURNETT	13127750	5	Aug 12, 2019	0.11	0.12	0.11	100.0%
18870601	139	845	BURNETT	13127750	5	Aug 12, 2019	0.92	0.97	0.92	100.0%
18870630	236	1428	BECK	13130525	4	Aug 12, 2019	0.58	0.75	0.58	100.0%
18870630	490	1395	BURNETT	13127750	5	Aug 12, 2019	0.80	0.84	0.80	100.0%
18870801	119	1166	BURNETT	13127750	5	Aug 12, 2019	0.19	0.20	0.19	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 12, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Aug 12, 2019	0.33	1.49	0.33	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 12, 2019	1.60	1.60	1.60	100.0%
18880630	490	1750	BURNETT	13127750	5	Aug 12, 2019	0.06	0.06	0.06	100.0%
18880630	490	1826	BURNETT	13127750	5	Aug 12, 2019	0.24	0.25	0.24	100.0%
18880801	442	750	MUNSEY	13132375	2	Aug 12, 2019	0.40	1.81	0.40	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 12, 2019	0.30	0.30	0.30	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Aug 12, 2019	1.14	1.20	1.14	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Aug 12, 2019	1.05	1.11	1.05	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Aug 12, 2019	0.01	0.01	0.01	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Aug 12, 2019	1.12	1.45	1.12	100.0%
18890601	463	1396	MOORE	13132050	4	Aug 12, 2019	0.20	0.26	0.04	22.4%
18890601	475	969	BURNETT	13127750	5	Aug 12, 2019	1.20	1.26	0.27	22.4%
18890601	322	968	BURNETT	13127750	5	Aug 12, 2019	0.80	0.84	0.18	22.4%
18890601	490	1748	BURNETT	13127750	5	Aug 12, 2019	0.25	0.26	0.06	22.4%
18890601	490	1786	BURNETT	13127750	5	Aug 12, 2019	0.37	0.39	0.08	22.4%
18890601	589	716	BURNETT	13127750	5	Aug 12, 2019	2.70	2.84	0.61	22.4%
18890601	336	979	BURNETT	13127750	5	Aug 12, 2019	2.00	2.11	0.45	22.4%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 12, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 12, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 12, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 12, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 12, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 12, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 12, 2019	0.74	0.74	0.74	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 12, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 12, 2019	2.98	2.98	2.98	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 12, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 12, 2019	3.20	3.20	3.20	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 12, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 12, 2019	0.18	0.18	0.18	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 12, 2019	2.00	2.00	2.00	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 12, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 12, 2019	2.74	2.74	2.74	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 12, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 12, 2019	6.40	6.40	6.40	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 12, 2019	0.06	0.06	0.06	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 12, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 12, 2019	3.20	3.20	3.20	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 12, 2019	0.13	0.13	0.13	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 12, 2019	0.07	0.07	0.07	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 12, 2019	2.60	2.60	2.60	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 12, 2019	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 12, 2019	3.40	3.40	3.40	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 12, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 12, 2019	0.80	0.80	0.80	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 12, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 12, 2019	0.62	0.62	0.62	100.0%

19020601	154	2157	Freeman Ditch	13124165	8	Aug 12, 2019	2.65	2.65	2.65	100.0%
19020601	682	742	NEILSEN	13120805	9	Aug 12, 2019	0.19	0.19	0.19	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 12, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 12, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 12, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 12, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 12, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Aug 12, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 12, 2019	0.13	0.13	0.13	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 12, 2019	0.82	0.82	0.82	100.0%
19050501	232	2155	NEILSEN	13120805	9	Aug 12, 2019	0.06	0.06	0.06	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 12, 2019	0.50	0.50	0.50	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 12, 2019	3.00	3.00	3.00	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 12, 2019	1.30	1.30	1.30	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 12, 2019	0.30	0.30	0.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 12, 2019	0.65	0.65	0.65	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 12, 2019	0.10	0.10	0.10	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 12, 2019	0.40	0.40	0.40	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 12, 2019	0.20	0.20	0.20	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 12, 2019	0.78	0.78	0.78	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 12, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 12, 2019	1.10	1.10	1.10	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 12, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 12, 2019	0.78	0.78	0.78	100.0%
19060620	364	691	CHILLY	13121105	9	Aug 12, 2019	0.50	0.50	0.50	100.0%
19070501	358	321	NEILSEN	13120805	9	Aug 12, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 12, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 12, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Aug 12, 2019	0.10	0.10	0.10	100.0%
19090830	575	890	Broken River Pum	13124050	8	Aug 12, 2019	1.82	1.82	1.82	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 12, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Aug 12, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 12, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 12, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 12, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 12, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Aug 12, 2019	0.20	0.20	0.20	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 12, 2019	1.30	1.30	1.30	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 12, 2019	0.82	0.82	0.82	100.0%
19140601	445	412	NEILSEN	13120805	9	Aug 12, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 12, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	Aug 12, 2019	0.02	0.02	0.02	100.0%
19160501	101	1371	NEILSEN	13120805	9	Aug 12, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	Aug 12, 2019	0.31	0.31	0.31	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 12, 2019	0.02	0.02	0.02	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 13, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Aug 13	224.0	3.0	0.0	227.0	0.00	227.0	3.0	0.0	0.0	224.0	0.0	0.0
9	Howell to Chilly	Aug 13	5.6	82.0	0.0	-136.4	0.61	90.6	77.5	4.5	0.0	10.1	-4.5	0.0
8	Chilly to Reservoir	* Aug 13	245.4	31.8	0.0	271.6	0.00	362.2	31.4	0.4	0.0	250.3	-4.9	0.0
	Disconnected													
7	Mackay Reservoir	* Aug 13	421.5	0.0	0.0	245.4	0.00	249.2	0.0		0.0	245.4	176.1	0.0
6	Reservoir to 2B	Aug 13	413.0	8.5	0.0	0.0	0.00	245.4	8.2	0.3	0.0	237.2	175.8	0.0
5	2B to Leslie	Aug 13	293.0	123.8	0.0	3.8	0.00	249.2	59.7	64.1	0.0	181.3	111.7	0.0
4	Leslie to Moore	Aug 13	63.6	147.5	0.0	-81.9	0.28	249.2	75.7	71.8	0.0	54.9	8.7	0.0
2	Moore to blw Munsey	Aug 13	1.6	47.0	37.4	-52.4	0.82	249.2	9.7	21.8	15.5	0.0	1.6	0.0
1	Blw Munsey to Arco	Aug 13	2.1	0.0	0.0	0.5	0.00	249.7	0.0	0.0	0.0	0.5	1.6	0.0
								TOTAL	265.2	162.9	15.5			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 13	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 13	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 13	0.0	0.0		19171003	100%
	Disconnected						
7	Mackay Reservoir	Aug 13	0.0	0.0		18860601	90%
6	Reservoir to 2B	Aug 13	0.0	0.0		18860601	90%
5	2B to Leslie	Aug 13	0.0	0.0		18860601	90%
4	Leslie to Moore	Aug 13	50.7	31.2		18860601	90%
2	Moore to blw Munsey	Aug 13	45.3	7.2		18860601	90%
1	Blw Munsey to Arco	Aug 13	0.0	0.0		18860601	90%
		TOTAL	96.0	38.4	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
34390.0	34020.0	-370.0	-186.5	10.5

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-43538.5
Total Storage Deliver	-24383.2
Total Evaporation	-1966.8
Accounting Balance	33687.1
Current Res Content	34020.0
Storage Balance Error	-332.9

DAILY STORAGE BALANCE

34390.0	Reservoir Content Previous Day [ac-ft]
34020.0	Reservoir Content Current Day [ac-ft]
-370.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-79.3	Stored Flow Losses [ac-ft]
0.0	2B to Leslie [cfs]
-31.2	Leslie to Moore [cfs]
-7.2	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-1.6	Past Arco Gage [cfs]
-300.4	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.3	Reservoir to 2B [cfs]
64.1	2B to Leslie [cfs]
71.8	Leslie to Moore [cfs]
15.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-20.7	Evaporation [ac-ft]
-400.4	Accounting Change in Storage [ac-ft]
-30.4	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

245.4	Gain in/above Mackay Reservoir [cfs]
3.8	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.5	Gain in Reach 1: Munsey to Arco [cfs]
249.7	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
96.5	Natural Flow Losses below Reservoir [cfs]
0.0	2B to Leslie [cfs]
50.7	Leslie to Moore [cfs]
45.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.5	Natural Flow Past Arco Gage [cfs]
153.3	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
8.2	Reservoir to 2B [cfs]
59.7	2B to Leslie [cfs]
75.7	Leslie to Moore [cfs]
9.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
249.8	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	4.0	200
Eastside Felton Wier +	4.6	230
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	10.0	500
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	9.8	490
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	46.0	2300
Groundwater to Arco	8.0	400
Groundwater to Munsey	29.4	1470

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.6	30
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	0.0	0
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	1.5	75
Island Wanstrom David +	0.0	0
Eastside OUT	20.8	1040
Total Out	27.2	1358

Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.59

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)		
	Eastside Out + Eastside diversion below weirs ---------- Weirs + Groundwater Injection	= 59.0%
Step 2 - Groundwater at Eastside Out		
	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 22.1 cfs
Step 3 - River at Eastside Out		
	Eastside Out - Groundwater at Eastside Out	= -1.3 cfs
Step 4 - River at Weirs		
	River at Eastside Out ---------- Abbreviated Reach Delivery Factor	= -2.2 cfs
Step 5 - Upper Reach Delivery Factor		
	Weirs + Eastside Diversion Above Weirs ---------- Eastside In	= 95.7%
Step 6 - River at Eastside In		
	River at Weirs ---------- Upper Reach Delivery Factor	= -2.3 cfs
Step 7 - Canal at Eastside In		
	Eastside In - River at Eastside In	= 32.3 cfs
Step 8 - Canal Delivery Factor		
	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs ---------- Canal at Eastside	= 82.0%
Step 9 - Eastside River Delivery Factor		
	River at Eastside Out ---------- River at Eastside In	= 56.5%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 13, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	8.5	0.3	78.0
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	20.0	5.1	770.3
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	39.8	15.6	1388.9
9	NEILSEN	38.0	4.5	766.5	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	64.0	43.5	2762.7
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	44.0	0.0	6.4	8	Broken River Pum	4.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	10.2	5.1	1164.3
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	359.0
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	3.0	0.4	1.4	4	MOORE	105.0	51.2	5372.7
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	32.3	17.5	8637.5
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	17.0	4.2	1525.0
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	30.0	11.1	1228.7
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	688.3	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	9.8	1011.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	10.0	63.5	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	694.4	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	471.4	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 13, 2019	4.90	4.90	4.90	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 13, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 13, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 13, 2019	1.20	1.20	1.20	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 13, 2019	0.79	1.10	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 13, 2019	1.54	2.14	1.54	100.0%
18830601	645	2057	MOORE	13132050	4	Aug 13, 2019	0.09	0.12	0.09	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 13, 2019	0.27	0.38	0.27	100.0%
18830601	221	855	MOORE	13132050	4	Aug 13, 2019	1.60	2.22	1.60	100.0%
18830601	224	854	MOORE	13132050	4	Aug 13, 2019	3.20	4.44	3.20	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 13, 2019	1.13	1.57	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 13, 2019	1.73	2.40	1.73	100.0%
18830810	96	449	MOORE	13132050	4	Aug 13, 2019	0.48	0.67	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Aug 13, 2019	0.18	0.25	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 13, 2019	0.21	0.29	0.21	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Aug 13, 2019	0.21	0.29	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 13, 2019	1.64	2.28	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Aug 13, 2019	0.14	0.19	0.14	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 13, 2019	1.62	1.62	1.62	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 13, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 13, 2019	0.12	0.12	0.12	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 13, 2019	0.20	0.20	0.20	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 13, 2019	0.14	0.14	0.14	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 13, 2019	2.17	2.17	2.17	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 13, 2019	0.96	0.96	0.96	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 13, 2019	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 13, 2019	0.55	0.55	0.55	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 13, 2019	1.44	1.44	1.44	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 13, 2019	2.00	2.00	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 13, 2019	0.50	0.50	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 13, 2019	1.92	1.92	1.92	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 13, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 13, 2019	0.79	0.79	0.79	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 13, 2019	0.10	0.10	0.10	100.0%
18840422	284	228	SHARP	13126500	6	Aug 13, 2019	0.10	0.10	0.10	100.0%
18840422	544	2189	SHARP	13126500	6	Aug 13, 2019	1.00	1.00	1.00	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 13, 2019	0.60	0.60	0.60	100.0%
18840422	347	938	SHARP	13126500	6	Aug 13, 2019	3.66	3.66	3.66	100.0%
18840422	24	120	SHARP	13126500	6	Aug 13, 2019	0.08	0.08	0.08	100.0%
18840422	397	10	SHARP	13126500	6	Aug 13, 2019	0.12	0.12	0.12	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 13, 2019	0.08	0.08	0.08	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 13, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Aug 13, 2019	1.14	1.58	1.14	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 13, 2019	0.77	0.77	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 13, 2019	1.23	1.23	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 13, 2019	1.60	1.60	1.60	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 13, 2019	0.40	0.40	0.40	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 13, 2019	0.01	0.01	0.01	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 13, 2019	1.60	2.22	1.60	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 13, 2019	0.04	0.06	0.04	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 13, 2019	0.02	0.03	0.02	100.0%
18840520	96	451	MOORE	13132050	4	Aug 13, 2019	0.58	0.81	0.58	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 13, 2019	2.24	3.11	2.24	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 13, 2019	0.78	1.08	0.78	100.0%
18840520	180	470	MOORE	13132050	4	Aug 13, 2019	0.16	0.22	0.16	100.0%
18840520	433	271	MOORE	13132050	4	Aug 13, 2019	0.54	0.75	0.54	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 13, 2019	2.14	2.97	2.14	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 13, 2019	0.18	0.25	0.18	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 13, 2019	0.84	1.17	0.84	100.0%

18840520	242	210	MOORE	13132050	4	Aug 13, 2019	0.21	0.29	0.21	100.0%
18840520	263	394	MOORE	13132050	4	Aug 13, 2019	0.22	0.31	0.22	100.0%
18840520	113	585	MOORE	13132050	4	Aug 13, 2019	0.11	0.15	0.11	100.0%
18840520	219	547	MOORE	13132050	4	Aug 13, 2019	1.15	1.60	1.15	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 13, 2019	1.60	2.22	1.60	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 13, 2019	0.01	0.01	0.01	100.0%
18840520	340	816	MOORE	13132050	4	Aug 13, 2019	0.34	0.47	0.34	100.0%
18840520	645	2056	MOORE	13132050	4	Aug 13, 2019	0.07	0.10	0.07	100.0%
18840520	427	1	MOORE	13132050	4	Aug 13, 2019	1.14	1.58	1.14	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 13, 2019	0.04	0.06	0.04	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 13, 2019	1.15	1.60	1.15	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 13, 2019	0.80	1.11	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 13, 2019	0.72	0.72	0.72	100.0%
18840601	15	131	MOORE	13132050	4	Aug 13, 2019	0.37	0.51	0.37	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 13, 2019	1.16	1.61	1.16	100.0%
18840601	96	453	MOORE	13132050	4	Aug 13, 2019	0.21	0.29	0.21	100.0%
18840601	263	395	MOORE	13132050	4	Aug 13, 2019	0.08	0.11	0.08	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 13, 2019	0.16	0.22	0.16	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 13, 2019	0.73	0.73	0.73	100.0%
18840601	360	693	BURNETT	13127750	5	Aug 13, 2019	0.80	0.80	0.80	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 13, 2019	0.23	0.23	0.23	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 13, 2019	0.37	0.37	0.37	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 13, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 13, 2019	0.80	0.80	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Aug 13, 2019	0.80	1.11	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 13, 2019	1.20	1.67	1.20	100.0%
18840715	15	799	MOORE	13132050	4	Aug 13, 2019	0.80	1.11	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Aug 13, 2019	0.80	1.11	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 13, 2019	0.80	1.11	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 13, 2019	0.80	1.11	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 13, 2019	1.20	1.67	1.20	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 13, 2019	0.81	1.12	0.81	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 13, 2019	0.80	1.11	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 13, 2019	0.80	1.11	0.80	100.0%
18840831	533	421	MOORE	13132050	4	Aug 13, 2019	0.14	0.19	0.14	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 13, 2019	0.50	0.69	0.50	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Aug 13, 2019	0.40	0.56	0.40	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 13, 2019	0.40	0.56	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Aug 13, 2019	1.31	1.82	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 13, 2019	3.20	4.44	3.20	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 13, 2019	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Aug 13, 2019	0.80	0.80	0.80	100.0%
18841012	205	2067	BECK	13130525	4	Aug 13, 2019	1.76	2.44	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 13, 2019	0.89	1.24	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Aug 13, 2019	1.25	1.73	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Aug 13, 2019	0.58	0.81	0.58	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 13, 2019	0.81	0.81	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 13, 2019	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 13, 2019	0.74	0.74	0.74	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 13, 2019	2.44	2.44	2.44	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 13, 2019	1.20	1.20	1.20	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 13, 2019	3.30	3.30	3.30	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 13, 2019	0.08	0.08	0.08	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 13, 2019	0.43	0.43	0.43	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Aug 13, 2019	1.09	1.09	1.09	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 13, 2019	0.06	0.06	0.06	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 13, 2019	0.79	0.79	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 13, 2019	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 13, 2019	1.65	1.65	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 13, 2019	0.61	0.61	0.61	100.0%
18850501	423	87	ARCO	13132365	2	Aug 13, 2019	0.20	1.58	0.20	100.0%
18850501	423	186	ARCO	13132365	2	Aug 13, 2019	0.26	2.05	0.26	100.0%
18850501	2549	2147	EASTSIDE FIELD H	13132061	4	Aug 13, 2019	0.76	1.05	0.76	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 13, 2019	0.24	0.33	0.24	100.0%

18850501	255	401	NEILSEN	13120805	9	Aug 13, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 13, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 13, 2019	0.20	0.28	0.20	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Aug 13, 2019	0.20	0.28	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 13, 2019	1.20	1.67	1.20	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 13, 2019	0.30	0.42	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 13, 2019	0.56	0.78	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 13, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 13, 2019	1.37	1.37	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 13, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 13, 2019	0.01	0.01	0.01	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 13, 2019	1.56	2.16	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Aug 13, 2019	0.04	0.06	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Aug 13, 2019	3.12	4.33	3.12	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 13, 2019	3.20	3.20	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 13, 2019	2.00	2.00	2.00	100.0%
18850601	205	2064	BECK	13130525	4	Aug 13, 2019	0.52	0.72	0.52	100.0%
18850601	15	859	MOORE	13132050	4	Aug 13, 2019	0.50	0.69	0.50	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 13, 2019	1.20	1.67	1.20	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 13, 2019	1.26	1.26	1.26	100.0%
18850601	2328	2171	SWAUGER	13127600	5	Aug 13, 2019	0.09	0.09	0.09	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 13, 2019	2.60	2.60	2.60	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Aug 13, 2019	1.66	1.66	1.66	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Aug 13, 2019	0.77	0.77	0.77	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 13, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Aug 13, 2019	1.16	1.16	1.16	100.0%
18850601	544	2205	SHARP	13126500	6	Aug 13, 2019	0.80	0.80	0.80	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 13, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 13, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 13, 2019	3.08	3.08	3.08	100.0%
18851002	356	42	ARCO	13132365	2	Aug 13, 2019	4.50	35.48	4.50	100.0%
18851002	356	82	ARCO	13132365	2	Aug 13, 2019	1.62	12.77	1.62	100.0%
18851002	437	62	ARCO	13132365	2	Aug 13, 2019	1.54	12.14	1.54	100.0%
18851002	318	817	MUNSEY	13132375	2	Aug 13, 2019	0.80	6.31	0.80	100.0%
18851002	318	545	MUNSEY	13132375	2	Aug 13, 2019	0.75	5.91	0.75	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 13, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 13, 2019	2.80	3.89	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Aug 13, 2019	1.20	1.67	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 13, 2019	2.64	3.66	2.64	100.0%
18860512	96	459	MOORE	13132050	4	Aug 13, 2019	0.48	0.67	0.48	100.0%
18860512	263	398	MOORE	13132050	4	Aug 13, 2019	0.18	0.25	0.18	100.0%
18860601	470	1323	MOORE	13132050	4	Aug 13, 2019	0.20	0.28	0.18	90.5%
18860601	16	1009	MOORE	13132050	4	Aug 13, 2019	2.52	3.50	2.28	90.5%
18860601	470	1858	MOORE	13132050	4	Aug 13, 2019	0.09	0.12	0.08	90.5%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Aug 13, 2019	1.60	2.22	1.45	90.5%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Aug 13, 2019	1.24	1.72	1.12	90.5%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 13, 2019	1.50	2.08	1.36	90.5%
18860601	357	1288	BURNETT	13127750	5	Aug 13, 2019	1.60	1.60	1.45	90.5%
18860901	605	955	Stoecklein 1	13124173	8	Aug 13, 2019	3.20	3.20	3.20	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 13, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 13, 2019	1.80	1.80	1.80	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 13, 2019	0.20	0.20	0.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 13, 2019	1.60	1.60	1.60	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 13, 2019	0.30	0.30	0.30	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 13, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 13, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 13, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 13, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 13, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 13, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 13, 2019	0.74	0.74	0.74	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 13, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 13, 2019	2.98	2.98	2.98	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 13, 2019	1.20	1.20	1.20	100.0%

18950501	307	619	NEILSEN	13120805	9	Aug 13, 2019	3.20	3.20	3.20	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 13, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 13, 2019	0.02	0.02	0.02	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 13, 2019	2.00	2.00	2.00	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 13, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 13, 2019	2.74	2.74	2.74	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 13, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 13, 2019	6.40	6.40	6.40	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 13, 2019	0.06	0.06	0.06	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 13, 2019	0.80	0.80	0.80	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 13, 2019	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 13, 2019	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 13, 2019	1.60	1.60	1.60	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 13, 2019	0.07	0.07	0.07	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 13, 2019	0.13	0.13	0.13	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 13, 2019	2.60	2.60	2.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 13, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 13, 2019	0.80	0.80	0.80	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 13, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 13, 2019	0.62	0.62	0.62	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Aug 13, 2019	2.65	2.65	2.65	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 13, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Aug 13, 2019	0.19	0.19	0.19	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 13, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 13, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 13, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 13, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Aug 13, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 13, 2019	0.13	0.13	0.13	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 13, 2019	0.50	0.50	0.50	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 13, 2019	1.30	1.30	1.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 13, 2019	3.00	3.00	3.00	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 13, 2019	0.65	0.65	0.65	100.0%
19050501	232	2155	NEILSEN	13120805	9	Aug 13, 2019	0.06	0.06	0.06	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 13, 2019	0.30	0.30	0.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 13, 2019	0.10	0.10	0.10	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 13, 2019	0.82	0.82	0.82	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 13, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 13, 2019	1.10	1.10	1.10	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 13, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 13, 2019	0.58	0.58	0.58	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 13, 2019	0.20	0.20	0.20	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 13, 2019	0.40	0.40	0.40	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 13, 2019	0.78	0.78	0.78	100.0%
19060620	364	691	CHILLY	13121105	9	Aug 13, 2019	0.50	0.50	0.50	100.0%
19070501	358	321	NEILSEN	13120805	9	Aug 13, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 13, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 13, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Aug 13, 2019	0.10	0.10	0.10	100.0%
19090830	575	890	Broken River Pum	13124050	8	Aug 13, 2019	1.82	1.82	1.82	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 13, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Aug 13, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 13, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 13, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 13, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 13, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 13, 2019	1.30	1.30	1.30	100.0%
19121014	403	1197	NEILSEN	13120805	9	Aug 13, 2019	0.20	0.20	0.20	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 13, 2019	0.82	0.82	0.82	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 13, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	Aug 13, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Aug 13, 2019	0.18	0.18	0.18	100.0%
19160501	101	1371	NEILSEN	13120805	9	Aug 13, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	Aug 13, 2019	0.31	0.31	0.31	100.0%

19171003	55 1509	NEILSEN	13120805	9	Aug 13, 2019	0.02	0.02	0.02	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 14, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		Aug 14	215.0	3.0	0.0	218.0	0.00	218.0	3.0	0.0	0.0	215.0	0.0	0.0
9	Howell to Chilly		Aug 14	2.0	82.0	0.0	-131.0	0.61	87.0	77.5	4.5	0.0	6.5	-4.5	0.0
8	Chilly to Reservoir	*	Aug 14	233.2	31.8	0.0	263.0	0.00	350.0	31.4	0.4	0.0	238.1	-4.9	0.0
	Disconnected														
7	Mackay Reservoir	*	Aug 14	423.4	0.0	0.0	233.2	0.00	233.2	0.0		0.0	233.2	190.2	0.0
6	Reservoir to 2B		Aug 14	416.0	7.4	0.0	0.0	0.00	233.2	7.0	0.4	0.0	226.2	189.8	0.0
5	2B to Leslie		Aug 14	289.0	120.1	0.0	-6.9	0.02	233.2	56.7	63.4	0.0	165.8	123.2	0.0
4	Leslie to Moore		Aug 14	64.4	144.9	0.0	-79.7	0.28	233.2	73.6	71.3	0.0	46.5	17.9	0.0
2	Moore to blw Munsey		Aug 14	1.8	49.0	37.4	-51.0	0.79	233.2	9.7	19.3	20.0	0.0	1.8	0.0
1	Blw Munsey to Arco		Aug 14	3.6	0.0	0.0	1.8	0.00	234.9	0.0	0.0	0.0	1.8	1.8	0.0
									TOTAL	258.8	159.3	20.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 14	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 14	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 14	0.0	0.0		19171003	100%
	Disconnected						
7	Mackay Reservoir	Aug 14	0.0	0.0		18860601	40%
6	Reservoir to 2B	Aug 14	0.0	0.0		18860601	40%
5	2B to Leslie	Aug 14	3.8	3.1		18860601	40%
4	Leslie to Moore	Aug 14	45.7	34.0		18860601	40%
2	Moore to blw Munsey	Aug 14	36.8	14.2		18860601	40%
1	Blw Munsey to Arco	Aug 14	0.0	0.0		18860601	40%
		TOTAL	86.3	51.3	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
34020.0	33620.0	-400.0	-201.7	11.4

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-43643.8
Total Storage Deliver	-24689.4
Total Evaporation	-1989.5
Accounting Balance	33252.9
Current Res Content	33620.0
Storage Balance Error	-367.1

DAILY STORAGE BALANCE

34020.0	Reservoir Content Previous Day [ac-ft]
33620.0	Reservoir Content Current Day [ac-ft]
-400.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-105.3	Stored Flow Losses [ac-ft]
-3.1	2B to Leslie [cfs]
-34.0	Leslie to Moore [cfs]
-14.2	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-1.8	Past Arco Gage [cfs]
-285.7	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.4	Reservoir to 2B [cfs]
63.4	2B to Leslie [cfs]
71.3	Leslie to Moore [cfs]
8.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-22.7	Evaporation [ac-ft]
-413.7	Accounting Change in Storage [ac-ft]
-13.7	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

233.2	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
1.8	Gain in Reach 1: Munsey to Arco [cfs]
235.0	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
88.0	Natural Flow Losses below Reservoir [cfs]
3.8	2B to Leslie [cfs]
45.7	Leslie to Moore [cfs]
36.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1.8	Natural Flow Past Arco Gage [cfs]
147.0	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
7.0	Reservoir to 2B [cfs]
56.7	2B to Leslie [cfs]
73.6	Leslie to Moore [cfs]
9.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
235.0	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	3.7	185
Eastside Felton Wier +	3.5	175
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	10.0	500
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	9.8	490
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	44.6	2230
Groundwater to Arco	8.0	400
Groundwater to Munsey	29.4	1470

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.6	30
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	1.6	80
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	1.5	75
Island Wanstrom David +	0.0	0
Eastside OUT	28.3	1415
Total Out	36.3	1813

Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.81

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 81.3%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 30.4 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= -2.1 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= -2.6 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 95.1%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= -2.7 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 32.7 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 89.5%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 77.3%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 14, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	7.4	0.4	78.8
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	15.4	0.9	772.0
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	41.8	19.4	1427.3
9	NEILSEN	38.0	4.5	775.5	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	62.9	43.2	2848.4
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	44.0	0.0	6.4	8	Broken River Pum	4.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	10.2	5.2	1174.7
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	359.0
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	3.0	0.4	2.1	4	MOORE	102.0	50.1	5472.0
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	32.7	18.1	8673.4
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	17.0	2.4	1529.7
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	32.0	6.5	1241.7
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	698.2	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	9.8	1049.8
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	10.0	103.1	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	732.5	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	503.2	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 14, 2019	4.90	4.90	4.90	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 14, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 14, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 14, 2019	1.20	1.20	1.20	100.0%
18830601	221	855	MOORE	13132050	4	Aug 14, 2019	1.60	2.25	1.60	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 14, 2019	0.27	0.38	0.27	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 14, 2019	1.54	2.16	1.54	100.0%
18830601	224	854	MOORE	13132050	4	Aug 14, 2019	3.12	4.38	3.12	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 14, 2019	0.79	1.11	0.79	100.0%
18830601	645	2057	MOORE	13132050	4	Aug 14, 2019	0.09	0.13	0.09	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 14, 2019	1.73	2.43	1.73	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 14, 2019	1.13	1.59	1.13	100.0%
18830810	263	393	MOORE	13132050	4	Aug 14, 2019	0.18	0.25	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	Aug 14, 2019	0.48	0.67	0.48	100.0%
18830810	96	449	MOORE	13132050	4	Aug 14, 2019	0.48	0.67	0.48	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 14, 2019	0.21	0.30	0.21	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Aug 14, 2019	0.21	0.30	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 14, 2019	1.64	2.30	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Aug 14, 2019	0.14	0.20	0.14	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 14, 2019	0.12	0.12	0.12	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 14, 2019	1.62	1.65	1.62	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 14, 2019	0.07	0.07	0.07	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 14, 2019	0.20	0.20	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 14, 2019	1.44	1.46	1.44	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 14, 2019	2.17	2.21	2.17	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 14, 2019	0.14	0.14	0.14	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 14, 2019	1.63	1.66	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 14, 2019	0.55	0.56	0.55	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 14, 2019	0.79	0.80	0.79	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 14, 2019	0.50	0.51	0.50	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 14, 2019	0.21	0.21	0.21	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 14, 2019	2.00	2.03	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 14, 2019	1.92	1.95	1.92	100.0%
18840422	24	120	SHARP	13126500	6	Aug 14, 2019	0.08	0.08	0.08	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 14, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Aug 14, 2019	4.00	4.00	4.00	100.0%
18840422	397	10	SHARP	13126500	6	Aug 14, 2019	0.12	0.12	0.12	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 14, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Aug 14, 2019	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 14, 2019	0.64	0.64	0.64	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 14, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Aug 14, 2019	1.12	1.57	1.12	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 14, 2019	1.60	1.63	1.60	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 14, 2019	0.77	0.78	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 14, 2019	1.23	1.25	1.23	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 14, 2019	0.40	0.41	0.40	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 14, 2019	0.18	0.25	0.18	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 14, 2019	0.78	1.10	0.78	100.0%
18840520	96	451	MOORE	13132050	4	Aug 14, 2019	0.58	0.81	0.58	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 14, 2019	1.60	2.25	1.60	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 14, 2019	0.01	0.01	0.01	100.0%
18840520	113	585	MOORE	13132050	4	Aug 14, 2019	0.11	0.15	0.11	100.0%
18840520	433	271	MOORE	13132050	4	Aug 14, 2019	0.54	0.76	0.54	100.0%
18840520	645	2056	MOORE	13132050	4	Aug 14, 2019	0.07	0.10	0.07	100.0%
18840520	180	470	MOORE	13132050	4	Aug 14, 2019	0.16	0.22	0.16	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 14, 2019	0.01	0.01	0.01	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 14, 2019	0.04	0.06	0.04	100.0%
18840520	219	547	MOORE	13132050	4	Aug 14, 2019	1.15	1.61	1.15	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 14, 2019	1.60	2.25	1.60	100.0%

18840520	604	2054	MOORE	13132050	4	Aug 14, 2019	1.14	1.60	1.14	100.0%
18840520	340	816	MOORE	13132050	4	Aug 14, 2019	0.32	0.45	0.32	100.0%
18840520	263	394	MOORE	13132050	4	Aug 14, 2019	0.22	0.31	0.22	100.0%
18840520	242	210	MOORE	13132050	4	Aug 14, 2019	0.21	0.29	0.21	100.0%
18840520	427	1	MOORE	13132050	4	Aug 14, 2019	1.08	1.52	1.08	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 14, 2019	0.02	0.03	0.02	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 14, 2019	0.74	1.04	0.74	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 14, 2019	2.01	2.82	2.01	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 14, 2019	2.24	3.15	2.24	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 14, 2019	0.04	0.06	0.04	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 14, 2019	0.80	1.12	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 14, 2019	0.72	0.73	0.72	100.0%
18840601	263	395	MOORE	13132050	4	Aug 14, 2019	0.04	0.06	0.04	100.0%
18840601	15	131	MOORE	13132050	4	Aug 14, 2019	0.37	0.52	0.37	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 14, 2019	1.12	1.57	1.12	100.0%
18840601	96	453	MOORE	13132050	4	Aug 14, 2019	0.21	0.29	0.21	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 14, 2019	0.16	0.22	0.16	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 14, 2019	0.23	0.23	0.23	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 14, 2019	0.37	0.38	0.37	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 14, 2019	0.73	0.75	0.73	100.0%
18840601	360	693	BURNETT	13127750	5	Aug 14, 2019	0.80	0.81	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 14, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 14, 2019	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 14, 2019	1.20	1.68	1.20	100.0%
18840715	15	799	MOORE	13132050	4	Aug 14, 2019	0.80	1.12	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Aug 14, 2019	0.80	1.12	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 14, 2019	1.20	1.68	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Aug 14, 2019	0.80	1.12	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 14, 2019	0.80	1.12	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 14, 2019	0.80	1.12	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 14, 2019	0.80	1.12	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 14, 2019	0.80	1.12	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 14, 2019	0.61	0.86	0.61	100.0%
18840831	533	421	MOORE	13132050	4	Aug 14, 2019	0.14	0.20	0.14	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Aug 14, 2019	0.40	0.56	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Aug 14, 2019	1.31	1.84	1.31	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 14, 2019	0.40	0.56	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 14, 2019	0.50	0.70	0.50	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 14, 2019	3.14	4.41	3.14	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 14, 2019	0.40	0.41	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	Aug 14, 2019	0.80	0.81	0.80	100.0%
18841012	205	2067	BECK	13130525	4	Aug 14, 2019	1.76	2.47	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Aug 14, 2019	1.25	1.76	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Aug 14, 2019	0.58	0.81	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 14, 2019	0.89	1.25	0.89	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 14, 2019	0.81	0.82	0.81	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 14, 2019	2.08	2.12	2.08	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 14, 2019	1.20	1.22	1.20	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 14, 2019	2.77	2.82	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 14, 2019	0.74	0.75	0.74	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 14, 2019	0.06	0.06	0.06	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 14, 2019	3.30	3.36	3.30	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 14, 2019	0.42	0.43	0.42	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Aug 14, 2019	1.09	1.11	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Aug 14, 2019	0.16	0.16	0.16	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 14, 2019	0.04	0.04	0.04	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 14, 2019	1.65	1.68	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 14, 2019	2.00	2.03	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 14, 2019	0.61	0.62	0.61	100.0%
18850501	423	186	ARCO	13132365	2	Aug 14, 2019	0.26	1.75	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Aug 14, 2019	0.20	1.35	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 14, 2019	0.24	0.34	0.24	100.0%
18850501	2549	2147	EASTSIDE FIELD H	13132061	4	Aug 14, 2019	0.76	1.07	0.76	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Aug 14, 2019	2.00	2.81	2.00	100.0%

18850501	130	1285	NEILSEN	13120805	9	Aug 14, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 14, 2019	0.50	0.50	0.50	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 14, 2019	0.20	0.28	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 14, 2019	1.24	1.74	1.24	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Aug 14, 2019	0.20	0.28	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 14, 2019	0.30	0.42	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 14, 2019	0.56	0.79	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 14, 2019	1.37	1.39	1.37	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 14, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 14, 2019	0.19	0.19	0.19	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 14, 2019	0.11	0.11	0.11	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 14, 2019	1.56	2.18	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Aug 14, 2019	0.04	0.06	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Aug 14, 2019	3.12	4.38	3.12	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 14, 2019	3.20	3.25	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 14, 2019	2.00	2.03	2.00	100.0%
18850601	205	2064	BECK	13130525	4	Aug 14, 2019	0.46	0.65	0.46	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 14, 2019	1.20	1.68	1.20	100.0%
18850601	15	859	MOORE	13132050	4	Aug 14, 2019	0.50	0.70	0.50	100.0%
18850601	2328	2171	SWAUGER	13127600	5	Aug 14, 2019	0.09	0.09	0.09	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 14, 2019	1.26	1.28	1.26	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 14, 2019	2.60	2.64	2.60	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Aug 14, 2019	0.73	0.74	0.73	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Aug 14, 2019	1.66	1.69	1.66	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 14, 2019	1.54	1.57	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Aug 14, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 14, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 14, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 14, 2019	3.08	3.13	3.08	100.0%
18851002	437	62	ARCO	13132365	2	Aug 14, 2019	1.54	10.39	1.54	100.0%
18851002	356	42	ARCO	13132365	2	Aug 14, 2019	4.50	30.35	4.50	100.0%
18851002	356	82	ARCO	13132365	2	Aug 14, 2019	1.62	10.93	1.62	100.0%
18851002	318	545	MUNSEY	13132375	2	Aug 14, 2019	0.75	5.06	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Aug 14, 2019	0.80	5.40	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 14, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 14, 2019	2.80	3.93	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Aug 14, 2019	1.20	1.68	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 14, 2019	2.64	3.71	2.64	100.0%
18860512	96	459	MOORE	13132050	4	Aug 14, 2019	0.48	0.67	0.48	100.0%
18860601	16	1009	MOORE	13132050	4	Aug 14, 2019	2.42	3.40	0.98	40.3%
18860601	470	1323	MOORE	13132050	4	Aug 14, 2019	0.20	0.28	0.08	40.3%
18860601	470	1858	MOORE	13132050	4	Aug 14, 2019	0.09	0.13	0.04	40.3%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Aug 14, 2019	1.60	2.25	0.64	40.3%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Aug 14, 2019	1.24	1.74	0.50	40.3%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 14, 2019	1.50	2.11	0.60	40.3%
18860601	357	1288	BURNETT	13127750	5	Aug 14, 2019	1.60	1.63	0.64	40.3%
18860901	605	955	Stoecklein 1	13124173	8	Aug 14, 2019	3.20	3.20	3.20	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 14, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 14, 2019	1.80	1.80	1.80	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 14, 2019	0.20	0.20	0.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 14, 2019	1.60	1.60	1.60	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 14, 2019	0.30	0.30	0.30	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 14, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 14, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 14, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 14, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 14, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 14, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 14, 2019	0.74	0.74	0.74	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 14, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 14, 2019	2.98	2.98	2.98	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 14, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 14, 2019	3.20	3.20	3.20	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 14, 2019	0.02	0.02	0.02	100.0%

18950601	445	410	NEILSEN	13120805	9	Aug 14, 2019	0.18	0.18	0.18	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 14, 2019	2.00	2.00	2.00	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 14, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 14, 2019	0.60	0.60	0.60	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 14, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 14, 2019	6.40	6.40	6.40	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 14, 2019	0.06	0.06	0.06	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 14, 2019	0.07	0.07	0.07	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 14, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 14, 2019	2.60	2.60	2.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 14, 2019	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 14, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 14, 2019	3.20	3.20	3.20	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 14, 2019	0.13	0.13	0.13	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 14, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 14, 2019	0.80	0.80	0.80	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 14, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 14, 2019	0.62	0.62	0.62	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Aug 14, 2019	2.65	2.65	2.65	100.0%
19020601	682	742	NEILSEN	13120805	9	Aug 14, 2019	0.19	0.19	0.19	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 14, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 14, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 14, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 14, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 14, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Aug 14, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 14, 2019	0.13	0.13	0.13	100.0%
19050501	232	2155	NEILSEN	13120805	9	Aug 14, 2019	0.06	0.06	0.06	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 14, 2019	0.65	0.65	0.65	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 14, 2019	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 14, 2019	1.30	1.30	1.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 14, 2019	0.10	0.10	0.10	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 14, 2019	0.50	0.50	0.50	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 14, 2019	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 14, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 14, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 14, 2019	1.10	1.10	1.10	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 14, 2019	0.20	0.20	0.20	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 14, 2019	0.40	0.40	0.40	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 14, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 14, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 14, 2019	0.78	0.78	0.78	100.0%
19060620	364	691	CHILLY	13121105	9	Aug 14, 2019	0.50	0.50	0.50	100.0%
19070501	358	321	NEILSEN	13120805	9	Aug 14, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 14, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 14, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Aug 14, 2019	0.10	0.10	0.10	100.0%
19090830	575	890	Broken River Pum	13124050	8	Aug 14, 2019	1.82	1.82	1.82	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 14, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Aug 14, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 14, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 14, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 14, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 14, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Aug 14, 2019	0.20	0.20	0.20	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 14, 2019	1.30	1.30	1.30	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 14, 2019	0.82	0.82	0.82	100.0%
19140601	445	413	NEILSEN	13120805	9	Aug 14, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Aug 14, 2019	0.18	0.18	0.18	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 14, 2019	0.80	0.80	0.80	100.0%
19160501	101	1371	NEILSEN	13120805	9	Aug 14, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	Aug 14, 2019	0.31	0.31	0.31	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 14, 2019	0.02	0.02	0.02	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 15, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Aug 15	206.0	3.0	0.0	209.0	0.00	209.0	3.0	0.0	0.0	206.0	0.0	0.0
9	Howell to Chilly	Aug 15	0.0	82.0	0.0	-124.0	1.00	85.0	77.5	4.5	0.0	4.5	-4.5	0.0
8	Chilly to Reservoir	* Aug 15	249.4	31.8	0.0	281.2	0.00	366.2	31.4	0.4	0.0	254.3	-4.9	0.0
	Disconnected													
7	Mackay Reservoir	* Aug 15	428.2	0.0	0.0	249.4	0.00	249.4	0.0		0.0	249.4	178.8	0.0
6	Reservoir to 2B	Aug 15	421.0	7.2	0.0	0.0	0.00	249.4	7.1	0.1	0.0	242.3	178.7	0.0
5	2B to Leslie	Aug 15	290.0	128.0	0.0	-3.0	0.01	249.4	64.5	63.5	0.0	176.1	113.9	0.0
4	Leslie to Moore	Aug 15	68.2	144.8	0.0	-77.0	0.27	249.4	75.1	69.6	0.0	54.2	14.0	0.0
2	Moore to blw Munsey	Aug 15	1.0	49.0	37.4	-55.6	0.82	249.4	10.0	15.6	23.4	0.0	1.0	0.0
1	Blw Munsey to Arco	Aug 15	2.6	0.0	0.0	1.7	0.00	251.0	0.0	0.0	0.0	1.7	1.0	0.0
							TOTAL		268.6	153.7	23.4			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 15	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 15	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 15	0.0	0.0		19171003	100%
	Disconnected						
7	Mackay Reservoir	Aug 15	0.0	0.0		18860901	41%
6	Reservoir to 2B	Aug 15	0.0	0.0		18860901	41%
5	2B to Leslie	Aug 15	1.7	1.3		18860901	41%
4	Leslie to Moore	Aug 15	46.8	30.2		18860901	41%
2	Moore to blw Munsey	Aug 15	44.2	11.4		18860901	41%
1	Blw Munsey to Arco	Aug 15	0.0	0.0		18860901	41%
		TOTAL	92.7	42.9	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
33620.0	33240.0	-380.0	-191.6	12.8

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-43730.9
Total Storage Deliver	-24984.6
Total Evaporation	-2014.8
Accounting Balance	32845.2
Current Res Content	33240.0
Storage Balance Error	-394.8

DAILY STORAGE BALANCE

33620.0	Reservoir Content Previous Day [ac-ft]
33240.0	Reservoir Content Current Day [ac-ft]
-380.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-87.1	Stored Flow Losses [ac-ft]
-1.3	2B to Leslie [cfs]
-30.2	Leslie to Moore [cfs]
-11.4	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-1.0	Past Arco Gage [cfs]
-270.9	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
63.5	2B to Leslie [cfs]
69.6	Leslie to Moore [cfs]
3.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-25.3	Evaporation [ac-ft]
-383.3	Accounting Change in Storage [ac-ft]
-3.3	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

249.4	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
1.7	Gain in Reach 1: Munsey to Arco [cfs]
251.1	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
94.4	Natural Flow Losses below Reservoir [cfs]
1.7	2B to Leslie [cfs]
46.8	Leslie to Moore [cfs]
44.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1.7	Natural Flow Past Arco Gage [cfs]
156.7	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
7.1	Reservoir to 2B [cfs]
64.5	2B to Leslie [cfs]
75.1	Leslie to Moore [cfs]
10.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
251.1	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	3.1	155
Eastside Felton Wier +	2.0	100
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	10.0	500
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	9.8	490
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	42.5	2125
Groundwater to Arco	8.0	400
Groundwater to Munsey	29.4	1470

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.6	30
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	1.6	80
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	1.5	75
Island Wanstrom David +	0.0	0
Eastside OUT	32.5	1625
Total Out	40.5	2023

Abbreviated Reach Delivery Factor 0.95
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 95.2%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 35.6 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= -3.1 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= -3.3 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 71.5%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= -4.6 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 34.6 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 70.3%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 68.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 15, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	3.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	7.2	0.1	79.0
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	20.0	5.0	782.0
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	44.0	19.1	1465.1
9	NEILSEN	38.0	4.5	784.5	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	64.0	39.5	2926.7
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	44.0	0.0	6.4	8	Broken River Pum	4.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	8.2	5.4	1185.3
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	359.0
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	3.0	0.4	2.8	4	MOORE	102.0	49.3	5569.8
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	34.6	17.0	8707.2
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	17.0	1.3	1532.2
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	32.0	2.1	1245.9
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	0.0	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	5.0	708.1	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	9.8	1088.7
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	10.0	142.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	770.6	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	534.9	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 15, 2019	4.90	4.90	4.90	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 15, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 15, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 15, 2019	1.20	1.20	1.20	100.0%
18830601	645	2057	MOORE	13132050	4	Aug 15, 2019	0.09	0.12	0.09	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 15, 2019	1.54	2.11	1.54	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 15, 2019	0.27	0.37	0.27	100.0%
18830601	224	854	MOORE	13132050	4	Aug 15, 2019	3.16	4.33	3.16	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 15, 2019	0.79	1.08	0.79	100.0%
18830601	221	855	MOORE	13132050	4	Aug 15, 2019	1.60	2.19	1.60	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 15, 2019	1.13	1.55	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 15, 2019	1.73	2.37	1.73	100.0%
18830810	2332	1088	MOORE	13132050	4	Aug 15, 2019	0.48	0.66	0.48	100.0%
18830810	96	449	MOORE	13132050	4	Aug 15, 2019	0.48	0.66	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Aug 15, 2019	0.18	0.25	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 15, 2019	0.21	0.29	0.21	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Aug 15, 2019	0.21	0.29	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 15, 2019	1.64	2.25	1.64	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 15, 2019	1.62	1.63	1.62	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 15, 2019	0.12	0.12	0.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 15, 2019	0.07	0.07	0.07	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 15, 2019	1.63	1.64	1.63	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 15, 2019	0.20	0.20	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 15, 2019	0.96	0.97	0.96	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 15, 2019	0.14	0.14	0.14	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 15, 2019	2.17	2.19	2.17	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 15, 2019	0.55	0.55	0.55	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 15, 2019	0.50	0.50	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 15, 2019	1.92	1.93	1.92	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 15, 2019	0.79	0.80	0.79	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 15, 2019	2.00	2.01	2.00	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 15, 2019	0.21	0.21	0.21	100.0%
18840422	24	120	SHARP	13126500	6	Aug 15, 2019	0.06	0.06	0.06	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 15, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Aug 15, 2019	0.08	0.08	0.08	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 15, 2019	0.06	0.06	0.06	100.0%
18840422	347	938	SHARP	13126500	6	Aug 15, 2019	4.00	4.00	4.00	100.0%
18840422	397	10	SHARP	13126500	6	Aug 15, 2019	0.10	0.10	0.10	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 15, 2019	0.54	0.54	0.54	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 15, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Aug 15, 2019	1.18	1.62	1.18	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 15, 2019	0.40	0.40	0.40	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 15, 2019	1.23	1.24	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 15, 2019	1.60	1.61	1.60	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 15, 2019	0.77	0.78	0.77	100.0%
18840520	242	210	MOORE	13132050	4	Aug 15, 2019	0.21	0.29	0.21	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 15, 2019	2.09	2.87	2.09	100.0%
18840520	96	451	MOORE	13132050	4	Aug 15, 2019	0.58	0.80	0.58	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 15, 2019	0.74	1.01	0.74	100.0%
18840520	340	816	MOORE	13132050	4	Aug 15, 2019	0.32	0.44	0.32	100.0%
18840520	219	547	MOORE	13132050	4	Aug 15, 2019	1.15	1.58	1.15	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 15, 2019	2.24	3.07	2.24	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 15, 2019	0.04	0.05	0.04	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 15, 2019	1.60	2.19	1.60	100.0%
18840520	263	394	MOORE	13132050	4	Aug 15, 2019	0.22	0.30	0.22	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 15, 2019	0.02	0.03	0.02	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 15, 2019	0.78	1.07	0.78	100.0%
18840520	180	470	MOORE	13132050	4	Aug 15, 2019	0.16	0.22	0.16	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 15, 2019	0.01	0.01	0.01	100.0%

18840520	604	2054	MOORE	13132050	4	Aug 15, 2019	1.15	1.58	1.15	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 15, 2019	0.04	0.05	0.04	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 15, 2019	0.01	0.01	0.01	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 15, 2019	0.18	0.25	0.18	100.0%
18840520	645	2056	MOORE	13132050	4	Aug 15, 2019	0.07	0.10	0.07	100.0%
18840520	113	585	MOORE	13132050	4	Aug 15, 2019	0.11	0.15	0.11	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 15, 2019	1.60	2.19	1.60	100.0%
18840520	427	1	MOORE	13132050	4	Aug 15, 2019	1.10	1.51	1.10	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 15, 2019	0.80	1.10	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 15, 2019	0.72	0.73	0.72	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 15, 2019	1.12	1.54	1.12	100.0%
18840601	96	453	MOORE	13132050	4	Aug 15, 2019	0.21	0.29	0.21	100.0%
18840601	263	395	MOORE	13132050	4	Aug 15, 2019	0.06	0.08	0.06	100.0%
18840601	15	131	MOORE	13132050	4	Aug 15, 2019	0.37	0.50	0.37	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 15, 2019	0.16	0.22	0.16	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 15, 2019	0.23	0.23	0.23	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 15, 2019	0.73	0.74	0.73	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 15, 2019	0.37	0.37	0.37	100.0%
18840601	360	693	BURNETT	13127750	5	Aug 15, 2019	0.80	0.81	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 15, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 15, 2019	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 15, 2019	1.20	1.65	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 15, 2019	0.80	1.10	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 15, 2019	0.80	1.10	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Aug 15, 2019	0.80	1.10	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Aug 15, 2019	0.80	1.10	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Aug 15, 2019	0.80	1.10	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 15, 2019	1.20	1.65	1.20	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 15, 2019	0.80	1.10	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 15, 2019	0.65	0.89	0.65	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 15, 2019	0.80	1.10	0.80	100.0%
18840831	533	421	MOORE	13132050	4	Aug 15, 2019	0.14	0.19	0.14	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 15, 2019	0.20	0.27	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 15, 2019	0.58	0.80	0.58	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Aug 15, 2019	0.40	0.55	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 15, 2019	0.50	0.69	0.50	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Aug 15, 2019	1.31	1.80	1.31	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 15, 2019	0.40	0.55	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 15, 2019	3.20	4.39	3.20	100.0%
18840914	360	68	BURNETT	13127750	5	Aug 15, 2019	0.80	0.81	0.80	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 15, 2019	0.40	0.40	0.40	100.0%
18841012	459	342	MOORE	13132050	4	Aug 15, 2019	0.58	0.80	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 15, 2019	0.89	1.22	0.89	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 15, 2019	2.50	2.52	2.50	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 15, 2019	0.08	0.08	0.08	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 15, 2019	0.43	0.43	0.43	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 15, 2019	3.30	3.32	3.30	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 15, 2019	1.20	1.21	1.20	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 15, 2019	0.81	0.82	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 15, 2019	2.77	2.79	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 15, 2019	0.74	0.75	0.74	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Aug 15, 2019	1.09	1.10	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Aug 15, 2019	0.62	0.62	0.62	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 15, 2019	1.65	1.66	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 15, 2019	2.00	2.01	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 15, 2019	0.79	0.80	0.79	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 15, 2019	0.61	0.61	0.61	100.0%
18850501	423	87	ARCO	13132365	2	Aug 15, 2019	0.20	1.49	0.20	100.0%
18850501	423	186	ARCO	13132365	2	Aug 15, 2019	0.26	1.93	0.26	100.0%
18850501	2549	2147	EASTSIDE FIELD H	13132061	4	Aug 15, 2019	0.76	1.04	0.76	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 15, 2019	0.24	0.33	0.24	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Aug 15, 2019	2.00	2.74	2.00	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 15, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 15, 2019	0.50	0.50	0.50	100.0%

18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 15, 2019	1.40	1.92	1.40	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Aug 15, 2019	0.20	0.27	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 15, 2019	0.20	0.27	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 15, 2019	0.30	0.41	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 15, 2019	0.56	0.77	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 15, 2019	1.37	1.38	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 15, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 15, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 15, 2019	0.19	0.19	0.19	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 15, 2019	1.56	2.13	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Aug 15, 2019	0.04	0.06	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Aug 15, 2019	3.12	4.28	3.12	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 15, 2019	3.20	3.22	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 15, 2019	2.00	2.01	2.00	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 15, 2019	1.20	1.65	1.20	100.0%
18850601	15	859	MOORE	13132050	4	Aug 15, 2019	0.50	0.69	0.50	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 15, 2019	1.26	1.27	1.26	100.0%
18850601	2328	2171	SWAUGER	13127600	5	Aug 15, 2019	0.09	0.09	0.09	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 15, 2019	2.60	2.62	2.60	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Aug 15, 2019	1.66	1.67	1.66	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Aug 15, 2019	0.80	0.81	0.80	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 15, 2019	1.54	1.55	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Aug 15, 2019	1.04	1.04	1.04	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 15, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 15, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 15, 2019	3.08	3.10	3.08	100.0%
18851002	437	62	ARCO	13132365	2	Aug 15, 2019	1.54	11.44	1.54	100.0%
18851002	356	42	ARCO	13132365	2	Aug 15, 2019	4.50	33.42	4.50	100.0%
18851002	356	82	ARCO	13132365	2	Aug 15, 2019	1.62	12.03	1.62	100.0%
18851002	318	545	MUNSEY	13132375	2	Aug 15, 2019	0.75	5.57	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Aug 15, 2019	0.80	5.94	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 15, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	Aug 15, 2019	1.20	1.65	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 15, 2019	2.80	3.84	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 15, 2019	2.64	3.62	2.64	100.0%
18860512	96	459	MOORE	13132050	4	Aug 15, 2019	0.48	0.66	0.48	100.0%
18860601	470	1858	MOORE	13132050	4	Aug 15, 2019	0.09	0.12	0.09	100.0%
18860601	470	1323	MOORE	13132050	4	Aug 15, 2019	0.20	0.27	0.20	100.0%
18860601	16	1009	MOORE	13132050	4	Aug 15, 2019	2.46	3.37	2.46	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Aug 15, 2019	1.24	1.70	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 15, 2019	1.50	2.06	1.50	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Aug 15, 2019	1.60	2.19	1.60	100.0%
18860601	357	1288	BURNETT	13127750	5	Aug 15, 2019	1.60	1.61	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	Aug 15, 2019	0.01	0.01	0.01	100.0%
18860630	251	928	UPPER EASTSIDE &	13132101	4	Aug 15, 2019	0.16	0.22	0.16	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Aug 15, 2019	0.85	0.86	0.85	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 15, 2019	1.31	1.32	1.31	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 15, 2019	1.82	1.83	1.82	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 15, 2019	0.80	0.81	0.80	100.0%
18860721	260	1668	BURNETT	13127750	5	Aug 15, 2019	1.26	1.27	1.26	100.0%
18860901	180	2	MUNSEY	13132375	2	Aug 15, 2019	0.84	6.24	0.34	40.7%
18860901	605	955	Stoecklein 1	13124173	8	Aug 15, 2019	3.20	3.20	3.20	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 15, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 15, 2019	1.80	1.80	1.80	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 15, 2019	0.20	0.20	0.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 15, 2019	1.60	1.60	1.60	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 15, 2019	0.30	0.30	0.30	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 15, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 15, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 15, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 15, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 15, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 15, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 15, 2019	0.74	0.74	0.74	100.0%

18940310	609	1496	CHILLY	13121105	9	Aug 15, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 15, 2019	2.98	2.98	2.98	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 15, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 15, 2019	3.20	3.20	3.20	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 15, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 15, 2019	0.18	0.18	0.18	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 15, 2019	2.00	2.00	2.00	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 15, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 15, 2019	2.74	2.74	2.74	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 15, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 15, 2019	6.40	6.40	6.40	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 15, 2019	0.06	0.06	0.06	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 15, 2019	0.13	0.13	0.13	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 15, 2019	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 15, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 15, 2019	2.60	2.60	2.60	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 15, 2019	1.60	1.60	1.60	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 15, 2019	0.07	0.07	0.07	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 15, 2019	3.40	3.40	3.40	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 15, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 15, 2019	0.80	0.80	0.80	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 15, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 15, 2019	0.62	0.62	0.62	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Aug 15, 2019	2.65	2.65	2.65	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 15, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Aug 15, 2019	0.19	0.19	0.19	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 15, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 15, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 15, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 15, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Aug 15, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 15, 2019	0.13	0.13	0.13	100.0%
19050501	232	2155	NEILSEN	13120805	9	Aug 15, 2019	0.06	0.06	0.06	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 15, 2019	0.10	0.10	0.10	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 15, 2019	0.50	0.50	0.50	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 15, 2019	0.30	0.30	0.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 15, 2019	3.00	3.00	3.00	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 15, 2019	1.30	1.30	1.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 15, 2019	0.40	0.40	0.40	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 15, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 15, 2019	0.65	0.65	0.65	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 15, 2019	0.58	0.58	0.58	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 15, 2019	0.78	0.78	0.78	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 15, 2019	1.10	1.10	1.10	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 15, 2019	0.40	0.40	0.40	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 15, 2019	0.20	0.20	0.20	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 15, 2019	0.78	0.78	0.78	100.0%
19060620	364	691	CHILLY	13121105	9	Aug 15, 2019	0.50	0.50	0.50	100.0%
19070501	358	321	NEILSEN	13120805	9	Aug 15, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 15, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 15, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Aug 15, 2019	0.10	0.10	0.10	100.0%
19090830	575	890	Broken River Pum	13124050	8	Aug 15, 2019	1.82	1.82	1.82	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 15, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Aug 15, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 15, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 15, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 15, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 15, 2019	1.30	1.30	1.30	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 15, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Aug 15, 2019	0.20	0.20	0.20	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 15, 2019	0.82	0.82	0.82	100.0%
19140601	445	412	NEILSEN	13120805	9	Aug 15, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Aug 15, 2019	0.02	0.02	0.02	100.0%

19140601	154	2163	NEILSEN	13120805	9	Aug 15, 2019	0.80	0.80	0.80	100.0%
19160501	101	1371	NEILSEN	13120805	9	Aug 15, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	Aug 15, 2019	0.31	0.31	0.31	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 15, 2019	0.02	0.02	0.02	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 16, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Aug 16	199.0	2.5	0.0	201.5	0.00	201.5	2.5	0.0	0.0	199.0	0.0	0.0
9	Howell to Chilly	Aug 16	0.0	82.0	0.0	-117.0	1.00	84.5	77.5	4.5	0.0	4.5	-4.5	0.0
8	Chilly to Reservoir	* Aug 16	226.9	28.6	0.0	255.5	0.00	340.0	28.6	0.0	0.0	231.4	-4.5	0.0
	Disconnected													
7	Mackay Reservoir	* Aug 16	427.0	0.0	0.0	226.9	0.00	226.9	0.0		0.0	226.9	200.1	0.0
6	Reservoir to 2B	Aug 16	421.0	6.0	0.0	0.0	0.00	226.9	6.0	0.0	0.0	220.9	200.1	0.0
5	2B to Leslie	Aug 16	283.0	135.8	0.0	-2.2	0.01	226.9	67.0	68.8	0.0	152.8	130.2	0.0
4	Leslie to Moore	Aug 16	68.4	147.0	0.0	-67.6	0.24	226.9	79.9	67.1	0.0	36.3	32.1	0.0
2	Moore to blw Munsey	Aug 16	1.3	59.0	36.8	-44.9	0.66	226.9	12.5	23.5	23.1	0.0	1.3	0.0
1	Blw Munsey to Arco	Aug 16	2.5	0.0	0.0	1.2	0.00	228.1	0.0	0.0	0.0	1.2	1.3	0.0
								TOTAL	273.9	163.9	23.1			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 16	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 16	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 16	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 16	0.0	0.0		18870601	70%
6	Reservoir to 2B	Aug 16	0.0	0.0		18870601	70%
5	2B to Leslie	Aug 16	1.2	1.0		18870601	70%
4	Leslie to Moore	Aug 16	36.5	31.1		18870601	70%
2	Moore to blw Munsey	Aug 16	23.8	21.0		18870601	70%
1	Blw Munsey to Arco	Aug 16	0.0	0.0		18870601	70%
		TOTAL	61.5	53.2	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
33240.0	32820.0	-420.0	-211.7	11.6

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-43838.8
Total Storage Deliver	-25300.7
Total Evaporation	-2037.9
Accounting Balance	32398.2
Current Res Content	32820.0
Storage Balance Error	-421.8

DAILY STORAGE BALANCE

33240.0	Reservoir Content Previous Day [ac-ft]
32820.0	Reservoir Content Current Day [ac-ft]
-420.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-107.9	Stored Flow Losses [ac-ft]
-1.0	2B to Leslie [cfs]
-31.1	Leslie to Moore [cfs]
-21.0	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-1.3	Past Arco Gage [cfs]
-286.4	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.0	Reservoir to 2B [cfs]
68.8	2B to Leslie [cfs]
67.1	Leslie to Moore [cfs]
8.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-23.0	Evaporation [ac-ft]
-417.3	Accounting Change in Storage [ac-ft]
2.7	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

226.9	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
1.2	Gain in Reach 1: Munsey to Arco [cfs]
228.1	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
62.7	Natural Flow Losses below Reservoir [cfs]
1.2	2B to Leslie [cfs]
36.5	Leslie to Moore [cfs]
23.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1.2	Natural Flow Past Arco Gage [cfs]
165.4	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
6.0	Reservoir to 2B [cfs]
67.0	2B to Leslie [cfs]
79.9	Leslie to Moore [cfs]
12.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
228.1	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	2.9	145
Eastside Felton Wier +	1.7	85
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.2	960
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	41.4	2070
Groundwater to Arco	8.0	400
Groundwater to Munsey	28.8	1440

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.4	68
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.6	30
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	1.5	77
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	1.5	75
Island Wanstrom David +	0.0	0
Eastside OUT	33.5	1675
Total Out	42.8	2138

Abbreviated Reach Delivery Factor | 1.03
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 103.3%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 38.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= -4.5 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= -4.4 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 70.3%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= -6.2 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 36.2 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 71.1%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 72.6%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 16, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	6.0	0.0	79.0
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	20.0	6.0	793.9
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	51.6	24.3	1513.4
9	NEILSEN	38.0	4.5	793.5	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	64.2	38.5	3003.1
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	44.0	0.0	6.4	8	Broken River Pum	0.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	8.8	5.8	1196.8
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	359.0
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	2.8	4	MOORE	102.0	48.2	5665.5
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	36.2	15.1	8737.1
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	18.5	0.1	1532.5
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	40.5	8.4	1262.5
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	3.0	714.1	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.2	1164.9
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	142.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	808.6	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	566.6	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 16, 2019	4.90	4.90	4.90	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 16, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 16, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 16, 2019	1.20	1.20	1.20	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 16, 2019	0.27	0.36	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 16, 2019	0.79	1.04	0.79	100.0%
18830601	224	854	MOORE	13132050	4	Aug 16, 2019	3.16	4.17	3.16	100.0%
18830601	645	2057	MOORE	13132050	4	Aug 16, 2019	0.09	0.12	0.09	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 16, 2019	1.54	2.03	1.54	100.0%
18830601	221	855	MOORE	13132050	4	Aug 16, 2019	1.60	2.11	1.60	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 16, 2019	1.13	1.49	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 16, 2019	1.73	2.28	1.73	100.0%
18830810	96	449	MOORE	13132050	4	Aug 16, 2019	0.48	0.63	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Aug 16, 2019	0.18	0.24	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	Aug 16, 2019	0.48	0.63	0.48	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 16, 2019	0.21	0.28	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Aug 16, 2019	0.43	0.57	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Aug 16, 2019	0.21	0.28	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 16, 2019	1.64	2.17	1.64	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 16, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 16, 2019	0.12	0.12	0.12	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 16, 2019	1.62	1.63	1.62	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 16, 2019	2.17	2.18	2.17	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 16, 2019	0.96	0.97	0.96	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 16, 2019	0.20	0.20	0.20	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 16, 2019	0.14	0.14	0.14	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 16, 2019	1.44	1.45	1.44	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 16, 2019	1.63	1.64	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 16, 2019	0.55	0.55	0.55	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 16, 2019	1.92	1.93	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 16, 2019	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 16, 2019	2.00	2.01	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 16, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 16, 2019	0.21	0.21	0.21	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 16, 2019	0.10	0.10	0.10	100.0%
18840422	397	10	SHARP	13126500	6	Aug 16, 2019	0.06	0.06	0.06	100.0%
18840422	284	228	SHARP	13126500	6	Aug 16, 2019	0.10	0.10	0.10	100.0%
18840422	347	938	SHARP	13126500	6	Aug 16, 2019	4.00	4.00	4.00	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 16, 2019	0.58	0.58	0.58	100.0%
18840422	24	120	SHARP	13126500	6	Aug 16, 2019	0.04	0.04	0.04	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 16, 2019	0.06	0.06	0.06	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 16, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Aug 16, 2019	1.36	1.80	1.36	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 16, 2019	1.23	1.24	1.23	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 16, 2019	0.40	0.40	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 16, 2019	0.77	0.77	0.77	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 16, 2019	0.18	0.18	0.18	100.0%
18840520	242	210	MOORE	13132050	4	Aug 16, 2019	0.21	0.28	0.21	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 16, 2019	0.04	0.05	0.04	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 16, 2019	0.01	0.01	0.01	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 16, 2019	1.60	2.11	1.60	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 16, 2019	0.78	1.03	0.78	100.0%
18840520	96	451	MOORE	13132050	4	Aug 16, 2019	0.58	0.77	0.58	100.0%
18840520	340	816	MOORE	13132050	4	Aug 16, 2019	0.32	0.42	0.32	100.0%
18840520	219	547	MOORE	13132050	4	Aug 16, 2019	1.15	1.52	1.15	100.0%
18840520	645	2056	MOORE	13132050	4	Aug 16, 2019	0.07	0.09	0.07	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 16, 2019	0.18	0.24	0.18	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 16, 2019	0.02	0.03	0.02	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 16, 2019	1.60	2.11	1.60	100.0%

18840520	263	394	MOORE	13132050	4	Aug 16, 2019	0.22	0.29	0.22	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 16, 2019	0.01	0.01	0.01	100.0%
18840520	113	585	MOORE	13132050	4	Aug 16, 2019	0.11	0.15	0.11	100.0%
18840520	180	470	MOORE	13132050	4	Aug 16, 2019	0.16	0.21	0.16	100.0%
18840520	427	1	MOORE	13132050	4	Aug 16, 2019	1.10	1.45	1.10	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 16, 2019	2.24	2.96	2.24	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 16, 2019	1.15	1.52	1.15	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 16, 2019	0.74	0.98	0.74	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 16, 2019	0.04	0.05	0.04	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 16, 2019	2.09	2.76	2.09	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 16, 2019	0.80	1.06	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 16, 2019	0.72	0.72	0.72	100.0%
18840601	15	131	MOORE	13132050	4	Aug 16, 2019	0.37	0.49	0.37	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 16, 2019	1.12	1.48	1.12	100.0%
18840601	263	395	MOORE	13132050	4	Aug 16, 2019	0.06	0.08	0.06	100.0%
18840601	96	453	MOORE	13132050	4	Aug 16, 2019	0.21	0.28	0.21	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 16, 2019	0.16	0.21	0.16	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 16, 2019	0.37	0.37	0.37	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 16, 2019	0.23	0.23	0.23	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 16, 2019	0.70	0.70	0.70	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 16, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 16, 2019	0.80	0.80	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 16, 2019	0.80	1.06	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Aug 16, 2019	0.80	1.06	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Aug 16, 2019	0.80	1.06	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 16, 2019	0.80	1.06	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 16, 2019	1.20	1.58	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 16, 2019	1.20	1.58	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Aug 16, 2019	0.80	1.06	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 16, 2019	0.65	0.86	0.65	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 16, 2019	0.80	1.06	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 16, 2019	0.80	1.06	0.80	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 16, 2019	0.20	0.26	0.20	100.0%
18840831	533	421	MOORE	13132050	4	Aug 16, 2019	0.14	0.18	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 16, 2019	0.58	0.77	0.58	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Aug 16, 2019	1.31	1.73	1.31	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 16, 2019	0.40	0.53	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 16, 2019	0.50	0.66	0.50	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Aug 16, 2019	0.44	0.58	0.44	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Aug 16, 2019	0.40	0.53	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 16, 2019	3.20	4.23	3.20	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 16, 2019	0.89	1.18	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Aug 16, 2019	0.58	0.77	0.58	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 16, 2019	2.32	2.33	2.32	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 16, 2019	0.81	0.81	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 16, 2019	2.77	2.78	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 16, 2019	0.74	0.74	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 16, 2019	3.30	3.32	3.30	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 16, 2019	0.04	0.04	0.04	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 16, 2019	0.43	0.43	0.43	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 16, 2019	1.20	1.21	1.20	100.0%
18841012	220	1667	DARLINGTON	13127735	5	Aug 16, 2019	1.09	1.10	1.09	100.0%
18841012	347	1974	SHARP	13126500	6	Aug 16, 2019	0.60	0.60	0.56	93.3%
18850218	47	1383	DARLINGTON	13127735	5	Aug 16, 2019	2.00	2.01	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 16, 2019	0.61	0.61	0.61	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 16, 2019	0.79	0.79	0.79	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 16, 2019	0.62	0.62	0.62	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 16, 2019	1.65	1.66	1.65	100.0%
18850501	423	87	ARCO	13132365	2	Aug 16, 2019	0.20	0.77	0.20	100.0%
18850501	423	186	ARCO	13132365	2	Aug 16, 2019	0.26	1.00	0.26	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 16, 2019	0.24	0.32	0.24	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Aug 16, 2019	2.00	2.64	2.00	100.0%
18850501	2549	2147	EASTSIDE FIELD H	13132061	4	Aug 16, 2019	0.76	1.00	0.76	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 16, 2019	2.80	2.80	2.80	100.0%

18850501	255	401	NEILSEN	13120805	9	Aug 16, 2019	0.50	0.50	0.50	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 16, 2019	1.32	1.74	1.32	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Aug 16, 2019	0.20	0.26	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 16, 2019	0.20	0.26	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 16, 2019	0.30	0.40	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 16, 2019	0.56	0.74	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 16, 2019	0.19	0.19	0.19	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 16, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 16, 2019	0.11	0.11	0.11	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 16, 2019	1.37	1.38	1.37	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 16, 2019	1.56	2.06	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Aug 16, 2019	0.04	0.06	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Aug 16, 2019	3.20	4.23	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 16, 2019	2.00	2.01	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 16, 2019	3.20	3.22	3.20	100.0%
18850601	15	859	MOORE	13132050	4	Aug 16, 2019	0.50	0.66	0.50	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 16, 2019	1.20	1.58	1.20	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 16, 2019	0.58	0.58	0.58	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 16, 2019	2.60	2.61	2.60	100.0%
18850601	220	1691	DARLINGTON	13127735	5	Aug 16, 2019	1.66	1.67	1.66	100.0%
18850601	220	1809	DARLINGTON	13127735	5	Aug 16, 2019	0.80	0.80	0.80	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 16, 2019	1.54	1.55	1.54	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 16, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 16, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 16, 2019	3.08	3.10	3.08	100.0%
18851002	356	42	ARCO	13132365	2	Aug 16, 2019	4.50	17.30	4.50	100.0%
18851002	437	62	ARCO	13132365	2	Aug 16, 2019	1.54	5.92	1.54	100.0%
18851002	356	82	ARCO	13132365	2	Aug 16, 2019	2.88	11.07	2.88	100.0%
18851002	318	817	MUNSEY	13132375	2	Aug 16, 2019	0.80	3.07	0.80	100.0%
18851002	318	545	MUNSEY	13132375	2	Aug 16, 2019	0.75	2.88	0.75	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 16, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	Aug 16, 2019	1.20	1.58	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 16, 2019	2.80	3.70	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 16, 2019	2.82	3.72	2.82	100.0%
18860512	96	459	MOORE	13132050	4	Aug 16, 2019	0.48	0.63	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Aug 16, 2019	0.27	0.36	0.27	100.0%
18860601	470	1323	MOORE	13132050	4	Aug 16, 2019	0.20	0.26	0.20	100.0%
18860601	470	1858	MOORE	13132050	4	Aug 16, 2019	0.09	0.12	0.09	100.0%
18860601	16	1009	MOORE	13132050	4	Aug 16, 2019	2.46	3.25	2.46	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Aug 16, 2019	1.60	2.11	1.60	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 16, 2019	1.60	2.11	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Aug 16, 2019	1.24	1.64	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	Aug 16, 2019	1.60	1.61	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	Aug 16, 2019	0.01	0.01	0.01	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 16, 2019	1.31	1.32	1.31	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Aug 16, 2019	0.85	0.85	0.85	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 16, 2019	1.76	1.77	1.76	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 16, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Aug 16, 2019	0.84	3.23	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 16, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 16, 2019	0.34	0.34	0.34	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 16, 2019	1.28	1.29	1.28	100.0%
18860914	490	1795	BURNETT	13127750	5	Aug 16, 2019	1.26	1.27	1.26	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Aug 16, 2019	0.80	1.06	0.80	100.0%
18870313	459	338	MOORE	13132050	4	Aug 16, 2019	0.42	0.55	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Aug 16, 2019	0.65	0.86	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Aug 16, 2019	1.05	1.06	1.05	100.0%
18870313	73	2029	BURNETT	13127750	5	Aug 16, 2019	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 16, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 16, 2019	1.80	1.80	1.80	100.0%
18870601	423	76	ARCO	13132365	2	Aug 16, 2019	0.22	0.85	0.15	69.8%
18870601	423	1028	ARCO	13132365	2	Aug 16, 2019	0.80	3.07	0.56	69.8%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Aug 16, 2019	2.14	2.83	1.49	69.8%
18870601	252	353	DARLINGTON	13127735	5	Aug 16, 2019	0.43	0.43	0.30	69.8%

18870601	490	1783	BURNETT	13127750	5	Aug 16, 2019	0.95	0.95	0.66	69.8%
18870601	73	2022	BURNETT	13127750	5	Aug 16, 2019	0.70	0.70	0.49	69.8%
18870601	490	1747	BURNETT	13127750	5	Aug 16, 2019	0.25	0.25	0.17	69.8%
18880401	682	2139	NEILSEN	13120805	9	Aug 16, 2019	0.20	0.20	0.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 16, 2019	1.60	1.60	1.60	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 16, 2019	0.30	0.30	0.30	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 16, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 16, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 16, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 16, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 16, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 16, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 16, 2019	0.74	0.74	0.74	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 16, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 16, 2019	2.00	2.00	2.00	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 16, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 16, 2019	3.20	3.20	3.20	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 16, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 16, 2019	0.18	0.18	0.18	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 16, 2019	2.00	2.00	2.00	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 16, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 16, 2019	0.60	0.60	0.60	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 16, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 16, 2019	6.40	6.40	6.40	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 16, 2019	0.06	0.06	0.06	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 16, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 16, 2019	2.60	2.60	2.60	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 16, 2019	0.07	0.07	0.07	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 16, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 16, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 16, 2019	3.40	3.40	3.40	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 16, 2019	0.13	0.13	0.13	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 16, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 16, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 16, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 16, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 16, 2019	0.62	0.62	0.62	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 16, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Aug 16, 2019	0.19	0.19	0.19	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 16, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 16, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 16, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 16, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 16, 2019	0.13	0.13	0.13	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 16, 2019	0.30	0.30	0.30	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 16, 2019	0.50	0.50	0.50	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 16, 2019	1.30	1.30	1.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 16, 2019	0.40	0.40	0.40	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 16, 2019	0.10	0.10	0.10	100.0%
19050501	232	2155	NEILSEN	13120805	9	Aug 16, 2019	0.06	0.06	0.06	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 16, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 16, 2019	0.65	0.65	0.65	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 16, 2019	3.00	3.00	3.00	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 16, 2019	0.58	0.58	0.58	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 16, 2019	0.20	0.20	0.20	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 16, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 16, 2019	1.10	1.10	1.10	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 16, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 16, 2019	0.28	0.28	0.28	100.0%
19060620	364	691	CHILLY	13121105	9	Aug 16, 2019	0.50	0.50	0.50	100.0%
19070501	358	321	NEILSEN	13120805	9	Aug 16, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 16, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 16, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Aug 16, 2019	0.10	0.10	0.10	100.0%

19100501	101	1210	NEILSEN	13120805	9	Aug 16, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Aug 16, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 16, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 16, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 16, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 16, 2019	1.30	1.30	1.30	100.0%
19121014	403	1197	NEILSEN	13120805	9	Aug 16, 2019	0.20	0.20	0.20	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 16, 2019	2.10	2.10	2.10	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 16, 2019	0.82	0.82	0.82	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 16, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	Aug 16, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Aug 16, 2019	0.18	0.18	0.18	100.0%
19160501	101	1371	NEILSEN	13120805	9	Aug 16, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	Aug 16, 2019	0.31	0.31	0.31	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 16, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 16, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 17, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		Aug 17	196.0	2.5	0.0	198.5	0.00	198.5	2.5	0.0	0.0	196.0	0.0	0.0
9	Howell to Chilly		Aug 17	0.0	82.0	0.0	-114.0	1.00	84.5	77.5	4.5	0.0	4.5	-4.5	0.0
8	Chilly to Reservoir	*	Aug 17	242.5	28.6	0.0	271.1	0.00	355.6	28.6	0.0	0.0	247.0	-4.5	0.0
	Disconnected														
7	Mackay Reservoir	*	Aug 17	426.2	0.0	0.0	242.5	0.00	242.5	0.0		0.0	242.5	183.7	0.0
6	Reservoir to 2B		Aug 17	419.0	7.2	0.0	0.0	0.00	242.5	7.1	0.1	0.0	235.4	183.6	0.0
5	2B to Leslie		Aug 17	282.0	136.8	0.0	-0.2	0.00	242.5	71.8	65.0	0.0	163.5	118.5	0.0
4	Leslie to Moore		Aug 17	72.6	146.4	0.0	-63.0	0.22	242.5	85.0	61.4	0.0	41.9	30.6	0.0
2	Moore to blw Munsey		Aug 17	1.2	59.0	36.8	-49.2	0.68	242.5	13.5	21.7	23.8	0.0	1.2	0.0
1	Blw Munsey to Arco		Aug 17	2.6	0.0	0.0	1.4	0.00	243.9	0.0	0.0	0.0	1.4	1.2	0.0
								TOTAL		286.0	152.7	23.8			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 17	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 17	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 17	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 17	0.0	0.0		18890601	33%
6	Reservoir to 2B	Aug 17	0.0	0.0		18890601	33%
5	2B to Leslie	Aug 17	0.1	0.1		18890601	33%
4	Leslie to Moore	Aug 17	36.5	26.5		18890601	33%
2	Moore to blw Munsey	Aug 17	28.4	20.8		18890601	33%
1	Blw Munsey to Arco	Aug 17	0.0	0.0		18890601	33%
		TOTAL	65.0	47.3	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
32820.0	32430.0	-390.0	-196.6	12.9

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-43935.2
Total Storage Deliver	-25594.7
Total Evaporation	-2063.5
Accounting Balance	31982.2
Current Res Content	32430.0
Storage Balance Error	-447.8

DAILY STORAGE BALANCE

32820.0	Reservoir Content Previous Day [ac-ft]
32430.0	Reservoir Content Current Day [ac-ft]
-390.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-96.4	Stored Flow Losses [ac-ft]
-0.1	2B to Leslie [cfs]
-26.5	Leslie to Moore [cfs]
-20.8	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-1.2	Past Arco Gage [cfs]
-279.6	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
65.0	2B to Leslie [cfs]
61.4	Leslie to Moore [cfs]
14.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-25.6	Evaporation [ac-ft]
-401.6	Accounting Change in Storage [ac-ft]
-11.6	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

242.5	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
1.4	Gain in Reach 1: Munsey to Arco [cfs]
243.9	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
66.4	Natural Flow Losses below Reservoir [cfs]
0.1	2B to Leslie [cfs]
36.5	Leslie to Moore [cfs]
28.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1.4	Natural Flow Past Arco Gage [cfs]
177.4	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
7.1	Reservoir to 2B [cfs]
71.8	2B to Leslie [cfs]
85.0	Leslie to Moore [cfs]
13.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
243.8	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	4.6	230
Eastside Felton Wier +	8.7	435
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.2	960
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	50.1	2505
Groundwater to Arco	8.0	400
Groundwater to Munsey	28.8	1440

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.4	68
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.6	30
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	1.5	77
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	1.5	75
Island Wanstrom David +	0.0	0
Eastside OUT	33.0	1650
Total Out	42.3	2113
Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.84	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)		
	Eastside Out + Eastside diversion below weirs ---------- Weirs + Groundwater Injection	= 84.4%
Step 2 - Groundwater at Eastside Out		
	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 31.0 cfs
Step 3 - River at Eastside Out		
	Eastside Out - Groundwater at Eastside Out	= 2.0 cfs
Step 4 - River at Weirs		
	River at Eastside Out ---------- Abbreviated Reach Delivery Factor	= 2.3 cfs
Step 5 - Upper Reach Delivery Factor		
	Weirs + Eastside Diversion Above Weirs ---------- Eastside In	= 76.0%
Step 6 - River at Eastside In		
	River at Weirs ---------- Upper Reach Delivery Factor	= 3.1 cfs
Step 7 - Canal at Eastside In		
	Eastside In - River at Eastside In	= 36.9 cfs
Step 8 - Canal Delivery Factor		
	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs ---------- Canal at Eastside	= 71.3%
Step 9 - Eastside River Delivery Factor		
	River at Eastside Out ---------- River at Eastside In	= 64.1%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 17, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	7.2	0.1	79.1
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	20.6	5.7	805.3
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	52.6	25.8	1564.5
9	NEILSEN	38.0	4.5	802.5	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	63.6	33.5	3069.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	44.0	0.0	6.4	8	Broken River Pum	0.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	8.8	4.7	1206.2
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	359.0
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	2.8	4	MOORE	100.7	47.2	5759.1
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	36.9	11.6	8760.1
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	18.5	1.0	1534.5
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	40.5	13.4	1289.1
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	3.0	720.0	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.2	1241.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	142.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	846.7	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	598.4	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 17, 2019	4.90	4.90	4.90	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 17, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 17, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 17, 2019	1.20	1.20	1.20	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 17, 2019	1.54	1.98	1.54	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 17, 2019	0.79	1.02	0.79	100.0%
18830601	224	854	MOORE	13132050	4	Aug 17, 2019	3.12	4.02	3.12	100.0%
18830601	221	855	MOORE	13132050	4	Aug 17, 2019	1.58	2.04	1.58	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 17, 2019	0.27	0.35	0.27	100.0%
18830601	645	2057	MOORE	13132050	4	Aug 17, 2019	0.09	0.12	0.09	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 17, 2019	1.72	2.22	1.72	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 17, 2019	1.13	1.46	1.13	100.0%
18830810	96	449	MOORE	13132050	4	Aug 17, 2019	0.48	0.62	0.48	100.0%
18830810	2332	1088	MOORE	13132050	4	Aug 17, 2019	0.48	0.62	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Aug 17, 2019	0.18	0.23	0.18	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Aug 17, 2019	0.21	0.27	0.21	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 17, 2019	0.21	0.27	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Aug 17, 2019	0.43	0.55	0.43	100.0%
18840422	236	30	BECK	13130525	4	Aug 17, 2019	1.64	2.11	1.64	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 17, 2019	1.62	1.62	1.62	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 17, 2019	0.12	0.12	0.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 17, 2019	0.07	0.07	0.07	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 17, 2019	1.63	1.63	1.63	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 17, 2019	0.96	0.96	0.96	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 17, 2019	2.17	2.17	2.17	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 17, 2019	0.20	0.20	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 17, 2019	1.44	1.44	1.44	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 17, 2019	0.14	0.14	0.14	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 17, 2019	0.55	0.55	0.55	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 17, 2019	1.92	1.92	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 17, 2019	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 17, 2019	2.00	2.00	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 17, 2019	0.79	0.79	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 17, 2019	0.21	0.21	0.21	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 17, 2019	0.06	0.06	0.06	100.0%
18840422	397	10	SHARP	13126500	6	Aug 17, 2019	0.06	0.06	0.06	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 17, 2019	0.10	0.10	0.10	100.0%
18840422	284	228	SHARP	13126500	6	Aug 17, 2019	0.10	0.10	0.10	100.0%
18840422	24	120	SHARP	13126500	6	Aug 17, 2019	0.04	0.04	0.04	100.0%
18840422	347	938	SHARP	13126500	6	Aug 17, 2019	4.00	4.00	4.00	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 17, 2019	0.58	0.58	0.58	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 17, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Aug 17, 2019	1.36	1.75	1.36	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 17, 2019	1.23	1.23	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 17, 2019	0.77	0.77	0.77	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 17, 2019	0.40	0.40	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 17, 2019	0.42	0.42	0.42	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 17, 2019	1.60	2.06	1.60	100.0%
18840520	96	451	MOORE	13132050	4	Aug 17, 2019	0.58	0.75	0.58	100.0%
18840520	113	585	MOORE	13132050	4	Aug 17, 2019	0.11	0.14	0.11	100.0%
18840520	427	1	MOORE	13132050	4	Aug 17, 2019	1.08	1.39	1.08	100.0%
18840520	340	816	MOORE	13132050	4	Aug 17, 2019	0.32	0.41	0.32	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 17, 2019	0.01	0.01	0.01	100.0%
18840520	263	394	MOORE	13132050	4	Aug 17, 2019	0.22	0.28	0.22	100.0%
18840520	180	470	MOORE	13132050	4	Aug 17, 2019	0.16	0.21	0.16	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 17, 2019	0.78	1.00	0.78	100.0%
18840520	645	2056	MOORE	13132050	4	Aug 17, 2019	0.07	0.09	0.07	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 17, 2019	0.04	0.05	0.04	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 17, 2019	0.01	0.01	0.01	100.0%

18840520	187	1871	MOORE	13132050	4	Aug 17, 2019	0.18	0.23	0.18	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 17, 2019	0.04	0.05	0.04	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 17, 2019	0.02	0.03	0.02	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 17, 2019	2.01	2.59	2.01	100.0%
18840520	219	547	MOORE	13132050	4	Aug 17, 2019	1.15	1.48	1.15	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 17, 2019	1.14	1.47	1.14	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 17, 2019	2.24	2.89	2.24	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 17, 2019	1.60	2.06	1.60	100.0%
18840520	242	210	MOORE	13132050	4	Aug 17, 2019	0.21	0.27	0.21	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 17, 2019	0.74	0.95	0.74	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 17, 2019	0.80	1.03	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 17, 2019	0.72	0.72	0.72	100.0%
18840601	263	395	MOORE	13132050	4	Aug 17, 2019	0.04	0.05	0.04	100.0%
18840601	96	453	MOORE	13132050	4	Aug 17, 2019	0.21	0.27	0.21	100.0%
18840601	15	131	MOORE	13132050	4	Aug 17, 2019	0.37	0.47	0.37	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 17, 2019	1.12	1.44	1.12	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 17, 2019	0.16	0.21	0.16	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 17, 2019	0.73	0.73	0.73	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 17, 2019	0.37	0.37	0.37	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 17, 2019	0.23	0.23	0.23	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 17, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 17, 2019	0.80	0.80	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 17, 2019	1.20	1.55	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Aug 17, 2019	0.80	1.03	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 17, 2019	1.20	1.55	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 17, 2019	0.80	1.03	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Aug 17, 2019	0.80	1.03	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Aug 17, 2019	0.80	1.03	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 17, 2019	0.80	1.03	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 17, 2019	0.61	0.79	0.61	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 17, 2019	0.80	1.03	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 17, 2019	0.80	1.03	0.80	100.0%
18840831	533	421	MOORE	13132050	4	Aug 17, 2019	0.14	0.18	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 17, 2019	0.58	0.75	0.58	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 17, 2019	0.20	0.26	0.20	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Aug 17, 2019	0.44	0.57	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 17, 2019	0.40	0.52	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 17, 2019	0.50	0.64	0.50	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Aug 17, 2019	1.31	1.69	1.31	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Aug 17, 2019	0.40	0.52	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 17, 2019	3.14	4.05	3.14	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 17, 2019	0.40	0.40	0.40	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 17, 2019	0.89	1.15	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Aug 17, 2019	0.58	0.75	0.58	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 17, 2019	2.74	2.74	2.74	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 17, 2019	0.43	0.43	0.43	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 17, 2019	1.20	1.20	1.20	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 17, 2019	3.30	3.30	3.30	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 17, 2019	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 17, 2019	0.81	0.81	0.81	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 17, 2019	0.06	0.06	0.06	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 17, 2019	0.74	0.74	0.74	100.0%
18841012	347	1974	SHARP	13126500	6	Aug 17, 2019	0.60	0.60	0.60	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 17, 2019	0.79	0.79	0.79	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 17, 2019	0.61	0.61	0.61	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 17, 2019	1.65	1.65	1.65	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 17, 2019	0.74	0.74	0.74	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 17, 2019	2.00	2.00	2.00	100.0%
18850501	423	186	ARCO	13132365	2	Aug 17, 2019	0.26	1.04	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Aug 17, 2019	0.20	0.80	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 17, 2019	0.24	0.31	0.24	100.0%
18850501	2549	2147	EASTSIDE FIELD H	13132061	4	Aug 17, 2019	0.76	0.98	0.76	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Aug 17, 2019	2.00	2.58	2.00	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 17, 2019	0.50	0.50	0.50	100.0%

18850501	130	1285	NEILSEN	13120805	9	Aug 17, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 17, 2019	0.20	0.26	0.20	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Aug 17, 2019	0.20	0.26	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 17, 2019	1.22	1.57	1.22	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 17, 2019	0.30	0.39	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 17, 2019	0.56	0.72	0.56	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 17, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 17, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 17, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 17, 2019	1.37	1.37	1.37	100.0%
18850531	413	1353	MOORE	13132050	4	Aug 17, 2019	0.04	0.06	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 17, 2019	1.56	2.00	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Aug 17, 2019	3.20	4.12	3.20	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 17, 2019	3.20	3.20	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 17, 2019	2.00	2.00	2.00	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 17, 2019	1.20	1.55	1.20	100.0%
18850601	15	859	MOORE	13132050	4	Aug 17, 2019	0.50	0.64	0.50	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 17, 2019	1.00	1.00	1.00	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 17, 2019	2.60	2.60	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 17, 2019	1.54	1.54	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Aug 17, 2019	1.10	1.10	1.10	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 17, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 17, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 17, 2019	3.08	3.08	3.08	100.0%
18851002	356	82	ARCO	13132365	2	Aug 17, 2019	2.88	11.50	2.88	100.0%
18851002	437	62	ARCO	13132365	2	Aug 17, 2019	1.54	6.15	1.54	100.0%
18851002	356	42	ARCO	13132365	2	Aug 17, 2019	4.50	17.98	4.50	100.0%
18851002	318	817	MUNSEY	13132375	2	Aug 17, 2019	0.80	3.20	0.80	100.0%
18851002	318	545	MUNSEY	13132375	2	Aug 17, 2019	0.75	3.00	0.75	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 17, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 17, 2019	2.80	3.61	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Aug 17, 2019	1.20	1.55	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 17, 2019	2.82	3.63	2.82	100.0%
18860512	96	459	MOORE	13132050	4	Aug 17, 2019	0.48	0.62	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Aug 17, 2019	1.05	1.35	1.05	100.0%
18860601	470	1858	MOORE	13132050	4	Aug 17, 2019	0.09	0.12	0.09	100.0%
18860601	470	1323	MOORE	13132050	4	Aug 17, 2019	0.20	0.26	0.20	100.0%
18860601	16	1009	MOORE	13132050	4	Aug 17, 2019	2.42	3.12	2.42	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Aug 17, 2019	1.60	2.06	1.60	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 17, 2019	1.60	2.06	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Aug 17, 2019	1.24	1.60	1.24	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 17, 2019	1.31	1.31	1.31	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Aug 17, 2019	0.85	0.85	0.85	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 17, 2019	2.12	2.12	2.12	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 17, 2019	0.80	0.80	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Aug 17, 2019	0.84	3.36	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 17, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 17, 2019	0.34	0.34	0.34	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 17, 2019	2.08	2.08	2.08	100.0%
18860914	490	1795	BURNETT	13127750	5	Aug 17, 2019	1.26	1.26	1.26	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Aug 17, 2019	0.80	1.03	0.80	100.0%
18870313	459	338	MOORE	13132050	4	Aug 17, 2019	0.42	0.54	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Aug 17, 2019	0.65	0.84	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Aug 17, 2019	1.05	1.05	1.05	100.0%
18870313	73	2029	BURNETT	13127750	5	Aug 17, 2019	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 17, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 17, 2019	1.80	1.80	1.80	100.0%
18870601	423	76	ARCO	13132365	2	Aug 17, 2019	0.22	0.88	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Aug 17, 2019	0.80	3.20	0.80	100.0%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Aug 17, 2019	2.06	2.65	2.06	100.0%
18870601	252	353	DARLINGTON	13127735	5	Aug 17, 2019	0.43	0.43	0.43	100.0%
18870601	73	2022	BURNETT	13127750	5	Aug 17, 2019	1.11	1.11	1.11	100.0%
18870601	73	2023	BURNETT	13127750	5	Aug 17, 2019	0.11	0.11	0.11	100.0%
18870601	490	1747	BURNETT	13127750	5	Aug 17, 2019	0.25	0.25	0.25	100.0%

18870601	490	1783	BURNETT	13127750	5	Aug 17, 2019	0.95	0.95	0.95	100.0%
18870630	236	1428	BECK	13130525	4	Aug 17, 2019	0.80	1.03	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	Aug 17, 2019	0.80	0.80	0.80	100.0%
18870801	119	1166	BURNETT	13127750	5	Aug 17, 2019	0.19	0.19	0.19	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 17, 2019	0.20	0.20	0.20	100.0%
18880601	437	670	ARCO	13132365	2	Aug 17, 2019	0.33	1.32	0.33	100.0%
18880601	223	889	UPPER EASTSIDE &	13132101	4	Aug 17, 2019	1.92	2.47	1.92	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 17, 2019	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	Aug 17, 2019	0.26	0.33	0.26	100.0%
18880630	490	1750	BURNETT	13127750	5	Aug 17, 2019	0.06	0.06	0.06	100.0%
18880630	490	1826	BURNETT	13127750	5	Aug 17, 2019	0.16	0.16	0.16	100.0%
18880801	442	750	MUNSEY	13132375	2	Aug 17, 2019	0.40	1.60	0.40	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 17, 2019	0.30	0.30	0.30	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Aug 17, 2019	1.50	1.50	1.50	100.0%
18890510	381	1764	DARLINGTON	13127735	5	Aug 17, 2019	1.05	1.05	1.05	100.0%
18890510	207	1814	DARLINGTON	13127735	5	Aug 17, 2019	0.25	0.25	0.25	100.0%
18890531	27	870	LOWER EASTSIDE &	13132291	4	Aug 17, 2019	1.12	1.45	1.12	100.0%
18890601	463	1396	MOORE	13132050	4	Aug 17, 2019	0.20	0.26	0.07	32.8%
18890601	336	979	BURNETT	13127750	5	Aug 17, 2019	2.00	2.00	0.66	32.8%
18890601	475	969	BURNETT	13127750	5	Aug 17, 2019	1.20	1.20	0.39	32.8%
18890601	589	716	BURNETT	13127750	5	Aug 17, 2019	2.70	2.70	0.89	32.8%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 17, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 17, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 17, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 17, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 17, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 17, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 17, 2019	0.74	0.74	0.74	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 17, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 17, 2019	2.00	2.00	2.00	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 17, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 17, 2019	3.20	3.20	3.20	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 17, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 17, 2019	0.02	0.02	0.02	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 17, 2019	2.00	2.00	2.00	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 17, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 17, 2019	2.74	2.74	2.74	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 17, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 17, 2019	6.40	6.40	6.40	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 17, 2019	0.06	0.06	0.06	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 17, 2019	0.13	0.13	0.13	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 17, 2019	0.07	0.07	0.07	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 17, 2019	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 17, 2019	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 17, 2019	2.60	2.60	2.60	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 17, 2019	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 17, 2019	3.40	3.40	3.40	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 17, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 17, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 17, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 17, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 17, 2019	0.62	0.62	0.62	100.0%
19020601	682	742	NEILSEN	13120805	9	Aug 17, 2019	0.19	0.19	0.19	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 17, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 17, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 17, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 17, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 17, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 17, 2019	0.13	0.13	0.13	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 17, 2019	0.82	0.82	0.82	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 17, 2019	0.50	0.50	0.50	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 17, 2019	0.10	0.10	0.10	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 17, 2019	0.30	0.30	0.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 17, 2019	0.65	0.65	0.65	100.0%

19050501	358	1264	NEILSEN	13120805	9	Aug 17, 2019	3.00	3.00	3.00	100.0%
19050501	232	2155	NEILSEN	13120805	9	Aug 17, 2019	0.06	0.06	0.06	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 17, 2019	1.30	1.30	1.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 17, 2019	0.40	0.40	0.40	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 17, 2019	0.20	0.20	0.20	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 17, 2019	0.78	0.78	0.78	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 17, 2019	0.58	0.58	0.58	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 17, 2019	1.10	1.10	1.10	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 17, 2019	0.40	0.40	0.40	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 17, 2019	0.28	0.28	0.28	100.0%
19060620	364	691	CHILLY	13121105	9	Aug 17, 2019	0.50	0.50	0.50	100.0%
19070501	358	321	NEILSEN	13120805	9	Aug 17, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 17, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 17, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Aug 17, 2019	0.10	0.10	0.10	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 17, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Aug 17, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 17, 2019	1.60	1.60	1.60	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 17, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 17, 2019	0.02	0.02	0.02	100.0%
19121014	403	1197	NEILSEN	13120805	9	Aug 17, 2019	0.20	0.20	0.20	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 17, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 17, 2019	1.30	1.30	1.30	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 17, 2019	0.82	0.82	0.82	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 17, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	Aug 17, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Aug 17, 2019	0.18	0.18	0.18	100.0%
19160501	101	1371	NEILSEN	13120805	9	Aug 17, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	Aug 17, 2019	0.31	0.31	0.31	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 17, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 17, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 18, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		Aug 18	190.0	2.0	0.0	192.0	0.00	192.0	2.0	0.0	0.0	190.0	0.0	0.0
9	Howell to Chilly		Aug 18	0.0	82.0	0.0	-108.0	1.00	84.0	77.5	4.5	0.0	4.5	-4.5	0.0
8	Chilly to Reservoir	*	Aug 18	228.1	28.6	0.0	256.7	0.00	340.7	28.6	0.0	0.0	232.7	-4.5	0.0
	Disconnected														
7	Mackay Reservoir	*	Aug 18	423.4	0.0	0.0	228.1	0.00	228.1	0.0		0.0	228.1	195.3	0.0
6	Reservoir to 2B		Aug 18	416.0	7.4	0.0	0.0	0.00	228.1	7.2	0.2	0.0	220.9	195.1	0.0
5	2B to Leslie		Aug 18	283.0	125.7	0.0	-7.3	0.02	228.1	62.8	62.9	0.0	154.2	128.8	0.0
4	Leslie to Moore		Aug 18	74.0	144.2	0.0	-64.8	0.23	228.1	79.8	64.4	0.0	39.1	34.8	0.0
2	Moore to blw Munsey		Aug 18	1.0	59.0	36.8	-50.8	0.69	228.1	12.3	22.1	24.6	0.0	1.0	0.0
1	Blw Munsey to Arco		Aug 18	2.8	0.0	0.0	1.8	0.00	229.9	0.0	0.0	0.0	1.8	1.0	0.0
									TOTAL	270.1	154.1	24.6			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 18	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 18	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 18	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 18	0.0	0.0		18870601	49%
6	Reservoir to 2B	Aug 18	0.0	0.0		18870601	49%
5	2B to Leslie	Aug 18	3.9	3.4		18870601	49%
4	Leslie to Moore	Aug 18	35.3	29.5		18870601	49%
2	Moore to blw Munsey	Aug 18	26.8	23.9		18870601	49%
1	Blw Munsey to Arco	Aug 18	0.0	0.0		18870601	49%
		TOTAL	66.0	56.8	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
32430.0	32020.0	-410.0	-206.7	11.4

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-44049.8
Total Storage Deliver	-25891.4
Total Evaporation	-2086.1
Accounting Balance	31548.2
Current Res Content	32020.0
Storage Balance Error	-471.8

DAILY STORAGE BALANCE

32430.0	Reservoir Content Previous Day [ac-ft]
32020.0	Reservoir Content Current Day [ac-ft]
-410.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-114.6	Stored Flow Losses [ac-ft]
-3.4	2B to Leslie [cfs]
-29.5	Leslie to Moore [cfs]
-23.9	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-1.0	Past Arco Gage [cfs]
-284.1	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.2	Reservoir to 2B [cfs]
62.9	2B to Leslie [cfs]
64.4	Leslie to Moore [cfs]
15.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-22.7	Evaporation [ac-ft]
-421.4	Accounting Change in Storage [ac-ft]
-11.4	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

228.1	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
1.8	Gain in Reach 1: Munsey to Arco [cfs]
229.9	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
67.9	Natural Flow Losses below Reservoir [cfs]
3.9	2B to Leslie [cfs]
35.3	Leslie to Moore [cfs]
26.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1.8	Natural Flow Past Arco Gage [cfs]
162.1	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
7.2	Reservoir to 2B [cfs]
62.8	2B to Leslie [cfs]
79.8	Leslie to Moore [cfs]
12.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
230.0	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	4.3	215
Eastside Felton Wier +	9.7	485
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.2	960
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	50.8	2540
Groundwater to Arco	8.0	400
Groundwater to Munsey	28.8	1440

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.4	68
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.6	30
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	1.5	77
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	1.5	75
Island Wanstrom David +	0.0	0
Eastside OUT	33.5	1675
Total Out	42.8	2138
Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.84	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 84.2%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 31.0 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 2.5 cfs
Step 4 - River at Weirs	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 3.0 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 77.7%
Step 6 - River at Eastside In	River at Weirs --- Upper Reach Delivery Factor	= 3.9 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 36.1 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 72.9%
Step 9 - Eastside River Delivery Factor	River at Eastside Out --- River at Eastside In	= 65.4%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 18, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	7.4	0.2	79.5
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	19.1	5.1	815.4
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	44.6	21.0	1606.1
9	NEILSEN	38.0	4.5	811.5	8	Smith Pumps	2.0	0.0	6.0	5	BURNETT	62.0	36.8	3142.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	44.0	0.0	6.4	8	Broken River Pum	0.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	8.4	5.4	1216.9
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.0	0.0	359.0
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	2.8	4	MOORE	99.7	46.3	5850.9
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	36.1	14.8	8789.5
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	18.5	1.9	1538.3
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	40.5	13.9	1316.6
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	3.0	726.0	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.2	1317.2
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	142.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	0.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	884.8	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	630.1	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 18, 2019	4.90	4.90	4.90	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 18, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 18, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 18, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Aug 18, 2019	2.00	2.00	2.00	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 18, 2019	1.54	2.03	1.54	100.0%
18830601	224	854	MOORE	13132050	4	Aug 18, 2019	3.12	4.12	3.12	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 18, 2019	0.27	0.36	0.27	100.0%
18830601	645	2057	MOORE	13132050	4	Aug 18, 2019	0.09	0.12	0.09	100.0%
18830601	221	855	MOORE	13132050	4	Aug 18, 2019	1.58	2.09	1.58	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 18, 2019	0.79	1.04	0.79	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 18, 2019	1.72	2.27	1.72	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 18, 2019	1.13	1.49	1.13	100.0%
18830810	96	449	MOORE	13132050	4	Aug 18, 2019	0.48	0.63	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Aug 18, 2019	0.18	0.24	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	Aug 18, 2019	0.48	0.63	0.48	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Aug 18, 2019	0.21	0.28	0.21	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 18, 2019	0.21	0.28	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Aug 18, 2019	0.43	0.57	0.43	100.0%
18840422	236	30	BECK	13130525	4	Aug 18, 2019	1.64	2.17	1.64	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 18, 2019	0.12	0.12	0.12	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 18, 2019	1.62	1.65	1.62	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 18, 2019	0.07	0.07	0.07	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 18, 2019	1.44	1.47	1.44	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 18, 2019	2.17	2.21	2.17	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 18, 2019	0.14	0.14	0.14	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 18, 2019	0.20	0.20	0.20	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 18, 2019	0.55	0.56	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 18, 2019	1.63	1.66	1.63	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 18, 2019	0.96	0.98	0.96	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 18, 2019	0.21	0.21	0.21	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 18, 2019	0.50	0.51	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 18, 2019	1.92	1.95	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 18, 2019	2.00	2.04	2.00	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 18, 2019	0.79	0.80	0.79	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 18, 2019	0.10	0.10	0.10	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 18, 2019	0.64	0.64	0.64	100.0%
18840422	24	120	SHARP	13126500	6	Aug 18, 2019	0.06	0.06	0.06	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 18, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Aug 18, 2019	0.10	0.10	0.10	100.0%
18840422	347	938	SHARP	13126500	6	Aug 18, 2019	4.00	4.00	4.00	100.0%
18840422	397	10	SHARP	13126500	6	Aug 18, 2019	0.08	0.08	0.08	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 18, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Aug 18, 2019	1.40	1.85	1.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 18, 2019	0.77	0.78	0.77	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 18, 2019	0.40	0.41	0.40	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 18, 2019	1.23	1.25	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 18, 2019	0.34	0.35	0.34	100.0%
18840520	427	1	MOORE	13132050	4	Aug 18, 2019	1.12	1.48	1.12	100.0%
18840520	219	547	MOORE	13132050	4	Aug 18, 2019	1.15	1.52	1.15	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 18, 2019	1.15	1.52	1.15	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 18, 2019	0.18	0.24	0.18	100.0%
18840520	180	470	MOORE	13132050	4	Aug 18, 2019	0.16	0.21	0.16	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 18, 2019	0.78	1.03	0.78	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 18, 2019	0.01	0.01	0.01	100.0%
18840520	96	451	MOORE	13132050	4	Aug 18, 2019	0.58	0.77	0.58	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 18, 2019	0.04	0.05	0.04	100.0%
18840520	242	210	MOORE	13132050	4	Aug 18, 2019	0.21	0.28	0.21	100.0%
18840520	113	585	MOORE	13132050	4	Aug 18, 2019	0.11	0.15	0.11	100.0%

18840520	187	1872	MOORE	13132050	4	Aug 18, 2019	0.01	0.01	0.01	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 18, 2019	1.60	2.11	1.60	100.0%
18840520	263	394	MOORE	13132050	4	Aug 18, 2019	0.22	0.29	0.22	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 18, 2019	0.74	0.98	0.74	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 18, 2019	0.04	0.05	0.04	100.0%
18840520	340	816	MOORE	13132050	4	Aug 18, 2019	0.32	0.42	0.32	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 18, 2019	0.02	0.03	0.02	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 18, 2019	1.60	2.11	1.60	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 18, 2019	2.24	2.96	2.24	100.0%
18840520	645	2056	MOORE	13132050	4	Aug 18, 2019	0.07	0.09	0.07	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 18, 2019	2.14	2.83	2.14	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 18, 2019	0.80	1.06	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 18, 2019	0.72	0.73	0.72	100.0%
18840601	15	131	MOORE	13132050	4	Aug 18, 2019	0.37	0.49	0.37	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 18, 2019	1.12	1.48	1.12	100.0%
18840601	263	395	MOORE	13132050	4	Aug 18, 2019	0.04	0.05	0.04	100.0%
18840601	96	453	MOORE	13132050	4	Aug 18, 2019	0.21	0.28	0.21	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 18, 2019	0.16	0.21	0.16	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 18, 2019	0.37	0.38	0.37	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 18, 2019	0.73	0.75	0.73	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 18, 2019	0.23	0.23	0.23	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 18, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 18, 2019	0.80	0.80	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 18, 2019	0.80	1.06	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Aug 18, 2019	0.80	1.06	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 18, 2019	1.20	1.58	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Aug 18, 2019	0.80	1.06	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Aug 18, 2019	0.80	1.06	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 18, 2019	1.20	1.58	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 18, 2019	0.80	1.06	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 18, 2019	0.80	1.06	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 18, 2019	0.80	1.06	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 18, 2019	0.61	0.81	0.61	100.0%
18840831	533	421	MOORE	13132050	4	Aug 18, 2019	0.14	0.18	0.14	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 18, 2019	0.20	0.26	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 18, 2019	0.58	0.77	0.58	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 18, 2019	0.50	0.66	0.50	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Aug 18, 2019	0.40	0.53	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Aug 18, 2019	1.31	1.73	1.31	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Aug 18, 2019	0.44	0.58	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 18, 2019	0.40	0.53	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 18, 2019	3.20	4.22	3.20	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 18, 2019	0.40	0.41	0.40	100.0%
18841012	459	342	MOORE	13132050	4	Aug 18, 2019	0.58	0.77	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 18, 2019	0.89	1.17	0.89	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 18, 2019	0.81	0.82	0.81	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 18, 2019	2.32	2.36	2.32	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 18, 2019	3.30	3.36	3.30	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 18, 2019	1.20	1.22	1.20	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 18, 2019	0.74	0.75	0.74	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 18, 2019	0.04	0.04	0.04	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 18, 2019	2.77	2.82	2.77	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 18, 2019	0.43	0.44	0.43	100.0%
18841012	347	1974	SHARP	13126500	6	Aug 18, 2019	0.48	0.48	0.48	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 18, 2019	0.60	0.61	0.60	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 18, 2019	0.61	0.62	0.61	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 18, 2019	0.79	0.80	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 18, 2019	2.00	2.04	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 18, 2019	1.65	1.68	1.65	100.0%
18850501	423	186	ARCO	13132365	2	Aug 18, 2019	0.26	1.09	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Aug 18, 2019	0.20	0.84	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 18, 2019	0.24	0.32	0.24	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Aug 18, 2019	2.00	2.64	2.00	100.0%
18850501	2549	2147	EASTSIDE FIELD H	13132061	4	Aug 18, 2019	0.76	1.00	0.76	100.0%

18850501	130	1285	NEILSEN	13120805	9	Aug 18, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 18, 2019	0.50	0.50	0.50	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Aug 18, 2019	0.20	0.26	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 18, 2019	1.22	1.61	1.22	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 18, 2019	0.20	0.26	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 18, 2019	0.30	0.40	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 18, 2019	0.56	0.74	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 18, 2019	1.37	1.39	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 18, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 18, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 18, 2019	0.19	0.19	0.19	100.0%
18850531	413	1353	MOORE	13132050	4	Aug 18, 2019	0.04	0.06	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 18, 2019	1.56	2.05	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Aug 18, 2019	3.20	4.22	3.20	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 18, 2019	3.20	3.26	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 18, 2019	2.00	2.04	2.00	100.0%
18850601	15	859	MOORE	13132050	4	Aug 18, 2019	0.50	0.66	0.50	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 18, 2019	1.20	1.58	1.20	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 18, 2019	0.58	0.59	0.58	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 18, 2019	2.60	2.65	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 18, 2019	1.54	1.57	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Aug 18, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 18, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 18, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 18, 2019	3.08	3.14	3.08	100.0%
18851002	356	42	ARCO	13132365	2	Aug 18, 2019	4.50	18.94	4.50	100.0%
18851002	356	82	ARCO	13132365	2	Aug 18, 2019	2.88	12.12	2.88	100.0%
18851002	437	62	ARCO	13132365	2	Aug 18, 2019	1.54	6.48	1.54	100.0%
18851002	318	545	MUNSEY	13132375	2	Aug 18, 2019	0.75	3.16	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Aug 18, 2019	0.80	3.37	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 18, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	Aug 18, 2019	1.20	1.58	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 18, 2019	2.80	3.70	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 18, 2019	2.82	3.72	2.82	100.0%
18860512	96	459	MOORE	13132050	4	Aug 18, 2019	0.48	0.63	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Aug 18, 2019	1.05	1.39	1.05	100.0%
18860601	16	1009	MOORE	13132050	4	Aug 18, 2019	2.42	3.19	2.42	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 18, 2019	1.60	2.11	1.60	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Aug 18, 2019	1.60	2.11	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Aug 18, 2019	1.24	1.64	1.24	100.0%
18860630	604	1710	MOORE	13132050	4	Aug 18, 2019	0.03	0.04	0.03	100.0%
18860717	207	1798	DARLINGTON	13127735	5	Aug 18, 2019	0.85	0.87	0.85	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 18, 2019	1.31	1.33	1.31	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 18, 2019	1.98	2.02	1.98	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 18, 2019	0.80	0.81	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Aug 18, 2019	0.84	3.54	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 18, 2019	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 18, 2019	1.80	1.83	1.80	100.0%
18860914	490	1795	BURNETT	13127750	5	Aug 18, 2019	1.26	1.28	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 18, 2019	0.34	0.35	0.34	100.0%
18870302	45	1029	LOWER EASTSIDE &	13132291	4	Aug 18, 2019	0.80	1.06	0.80	100.0%
18870313	459	338	MOORE	13132050	4	Aug 18, 2019	0.42	0.55	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Aug 18, 2019	0.65	0.86	0.65	100.0%
18870313	73	2028	BURNETT	13127750	5	Aug 18, 2019	1.05	1.07	1.05	100.0%
18870313	73	2029	BURNETT	13127750	5	Aug 18, 2019	0.65	0.66	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 18, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 18, 2019	1.80	1.80	1.80	100.0%
18870601	423	1028	ARCO	13132365	2	Aug 18, 2019	0.80	3.37	0.39	48.9%
18870601	423	76	ARCO	13132365	2	Aug 18, 2019	0.22	0.93	0.11	48.9%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Aug 18, 2019	2.06	2.72	1.01	48.9%
18870601	252	353	DARLINGTON	13127735	5	Aug 18, 2019	0.43	0.44	0.21	48.9%
18870601	490	1783	BURNETT	13127750	5	Aug 18, 2019	0.95	0.97	0.46	48.9%
18870601	73	2022	BURNETT	13127750	5	Aug 18, 2019	1.04	1.06	0.51	48.9%
18870601	490	1747	BURNETT	13127750	5	Aug 18, 2019	0.25	0.25	0.12	48.9%

18880401	682	2139	NEILSEN	13120805	9	Aug 18, 2019	0.20	0.20	0.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 18, 2019	1.60	1.60	1.60	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 18, 2019	0.30	0.30	0.30	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 18, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 18, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 18, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 18, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 18, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 18, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 18, 2019	0.74	0.74	0.74	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 18, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 18, 2019	2.00	2.00	2.00	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 18, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 18, 2019	3.20	3.20	3.20	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 18, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 18, 2019	0.02	0.02	0.02	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 18, 2019	2.00	2.00	2.00	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 18, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 18, 2019	2.74	2.74	2.74	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 18, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 18, 2019	6.40	6.40	6.40	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 18, 2019	0.06	0.06	0.06	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 18, 2019	0.13	0.13	0.13	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 18, 2019	0.07	0.07	0.07	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 18, 2019	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 18, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 18, 2019	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 18, 2019	3.40	3.40	3.40	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 18, 2019	2.60	2.60	2.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 18, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 18, 2019	0.80	0.80	0.80	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 18, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 18, 2019	0.40	0.40	0.40	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 18, 2019	0.49	0.49	0.49	100.0%
19020601	682	742	NEILSEN	13120805	9	Aug 18, 2019	0.19	0.19	0.19	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 18, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 18, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 18, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 18, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 18, 2019	0.13	0.13	0.13	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 18, 2019	1.30	1.30	1.30	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 18, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 18, 2019	0.40	0.40	0.40	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 18, 2019	0.65	0.65	0.65	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 18, 2019	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 18, 2019	0.82	0.82	0.82	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 18, 2019	0.50	0.50	0.50	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 18, 2019	0.10	0.10	0.10	100.0%
19050501	232	2155	NEILSEN	13120805	9	Aug 18, 2019	0.06	0.06	0.06	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 18, 2019	0.78	0.78	0.78	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 18, 2019	1.10	1.10	1.10	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 18, 2019	0.58	0.58	0.58	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 18, 2019	0.20	0.20	0.20	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 18, 2019	0.40	0.40	0.40	100.0%
19060620	364	691	CHILLY	13121105	9	Aug 18, 2019	0.50	0.50	0.50	100.0%
19070501	358	321	NEILSEN	13120805	9	Aug 18, 2019	0.50	0.50	0.50	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 18, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 18, 2019	1.37	1.37	1.37	100.0%
19080715	364	692	CHILLY	13121105	9	Aug 18, 2019	0.10	0.10	0.10	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 18, 2019	0.75	0.75	0.75	100.0%
19100601	129	2188	CHILLY	13121105	9	Aug 18, 2019	0.78	0.78	0.78	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 18, 2019	1.60	1.60	1.60	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 18, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 18, 2019	0.02	0.02	0.02	100.0%

19121014	403	813	NEILSEN	13120805	9	Aug 18, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 18, 2019	1.30	1.30	1.30	100.0%
19121014	403	1197	NEILSEN	13120805	9	Aug 18, 2019	0.20	0.20	0.20	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 18, 2019	0.82	0.82	0.82	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 18, 2019	0.80	0.80	0.80	100.0%
19140601	445	412	NEILSEN	13120805	9	Aug 18, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Aug 18, 2019	0.02	0.02	0.02	100.0%
19160501	101	1371	NEILSEN	13120805	9	Aug 18, 2019	0.90	0.90	0.90	100.0%
19160501	129	2128	CHILLY	13121105	9	Aug 18, 2019	0.31	0.31	0.31	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 18, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 18, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 19, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Aug 19	185.0	2.5	0.0	187.5	0.00	187.5	2.5	0.0	0.0	185.0	0.0	0.0
9	Howell to Chilly	Aug 19	0.0	71.5	0.0	-113.5	1.00	74.0	69.1	2.4	0.0	2.4	-2.4	0.0
8	Chilly to Reservoir	* Aug 19	221.5	37.7	0.0	259.2	0.00	333.3	37.7	0.0	0.0	223.9	-2.4	0.0
	Disconnected													
7	Mackay Reservoir	* Aug 19	423.0	0.0	0.0	221.5	0.00	221.5	0.0		0.0	221.5	201.5	0.0
6	Reservoir to 2B	Aug 19	416.0	7.0	0.0	0.0	0.00	221.5	6.9	0.1	0.0	214.6	201.4	0.0
5	2B to Leslie	Aug 19	281.0	131.8	0.0	-3.2	0.01	221.5	51.6	80.2	0.0	161.3	119.7	0.0
4	Leslie to Moore	Aug 19	69.7	136.0	0.0	-75.3	0.27	221.5	61.0	75.0	0.0	57.1	12.6	0.0
2	Moore to blw Munsey	Aug 19	0.6	53.5	43.6	-59.2	0.85	221.5	8.6	19.5	25.4	0.0	0.6	0.0
1	Blw Munsey to Arco	Aug 19	2.0	0.0	0.0	1.4	0.00	222.9	0.0	0.0	0.0	1.4	0.6	0.0
								TOTAL	237.5	177.2	25.4			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 19	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 19	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 19	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 19	0.0	0.0		18851002	82%
6	Reservoir to 2B	Aug 19	0.0	0.0		18851002	82%
5	2B to Leslie	Aug 19	1.7	1.5		18851002	82%
4	Leslie to Moore	Aug 19	43.2	32.1		18851002	82%
2	Moore to blw Munsey	Aug 19	48.5	10.7		18851002	82%
1	Blw Munsey to Arco	Aug 19	0.0	0.0		18851002	82%
		TOTAL	93.4	44.3	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
32020.0	31600.0	-420.0	-211.7	10.3

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-44138.9
Total Storage Deliver	-26238.1
Total Evaporation	-2106.6
Accounting Balance	31092.0
Current Res Content	31600.0
Storage Balance Error	-508.0

DAILY STORAGE BALANCE

32020.0	Reservoir Content Previous Day [ac-ft]
31600.0	Reservoir Content Current Day [ac-ft]
-420.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-89.1	Stored Flow Losses [ac-ft]
-1.5	2B to Leslie [cfs]
-32.1	Leslie to Moore [cfs]
-10.7	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-0.6	Past Arco Gage [cfs]
-334.5	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
80.2	2B to Leslie [cfs]
75.0	Leslie to Moore [cfs]
13.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-20.4	Evaporation [ac-ft]
-444.0	Accounting Change in Storage [ac-ft]
-24.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

221.5	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
1.4	Gain in Reach 1: Munsey to Arco [cfs]
222.9	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
94.8	Natural Flow Losses below Reservoir [cfs]
1.7	2B to Leslie [cfs]
43.2	Leslie to Moore [cfs]
48.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1.4	Natural Flow Past Arco Gage [cfs]
128.1	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
6.9	Reservoir to 2B [cfs]
51.6	2B to Leslie [cfs]
61.0	Leslie to Moore [cfs]
8.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
222.9	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	4.1	205
Eastside Felton Wier +	9.3	465
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	0.0	0
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	6.8	340
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.2	960
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	57.0	2850
Groundwater to Arco	8.0	400
Groundwater to Munsey	35.6	1780

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.4	68
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	1.5	77
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	1.5	75
Island Wanstrom David +	0.0	0
Eastside OUT	32.6	1630
Total Out	41.3	2063
Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.72	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)		
	Eastside Out + Eastside diversion below weirs ---------- Weirs + Groundwater Injection	= 72.4%
Step 2 - Groundwater at Eastside Out		
	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 31.6 cfs
Step 3 - River at Eastside Out		
	Eastside Out - Groundwater at Eastside Out	= 1.0 cfs
Step 4 - River at Weirs		
	River at Eastside Out ---------- Abbreviated Reach Delivery Factor	= 1.4 cfs
Step 5 - Upper Reach Delivery Factor		
	Weirs + Eastside Diversion Above Weirs ---------- Eastside In	= 121.4%
Step 6 - River at Eastside In		
	River at Weirs ---------- Upper Reach Delivery Factor	= 1.2 cfs
Step 7 - Canal at Eastside In		
	Eastside In - River at Eastside In	= 25.4 cfs
Step 8 - Canal Delivery Factor		
	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs ---------- Canal at Eastside	= 108.4%
Step 9 - Eastside River Delivery Factor		
	River at Eastside Out ---------- River at Eastside In	= 87.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 19, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	7.0	0.1	79.7
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	20.2	6.1	827.5
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	47.6	26.2	1658.0
9	NEILSEN	33.1	2.4	816.2	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	64.0	47.9	3237.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	38.4	0.0	6.4	8	Broken River Pum	4.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	8.0	5.0	1226.8
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.6	0.6	360.2
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	4.0	0.0	0.0	8	Freeman Ditch	2.6	0.0	2.8	4	MOORE	102.0	56.5	5962.9
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	25.4	14.2	8817.8
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	16.0	2.9	1544.0
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	37.5	10.5	1337.3
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	1.5	728.9	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.2	1393.4
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	0.0	142.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	6.8	27.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	922.9	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	661.9	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 19, 2019	3.20	3.20	3.20	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 19, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 19, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 19, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Aug 19, 2019	3.00	3.00	3.00	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 19, 2019	0.79	1.09	0.79	100.0%
18830601	645	2057	MOORE	13132050	4	Aug 19, 2019	0.09	0.12	0.09	100.0%
18830601	224	854	MOORE	13132050	4	Aug 19, 2019	3.16	4.35	3.16	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 19, 2019	0.27	0.38	0.27	100.0%
18830601	221	855	MOORE	13132050	4	Aug 19, 2019	1.60	2.20	1.60	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 19, 2019	1.54	2.12	1.54	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 19, 2019	1.73	2.38	1.73	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 19, 2019	1.13	1.56	1.13	100.0%
18830810	263	393	MOORE	13132050	4	Aug 19, 2019	0.18	0.25	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Aug 19, 2019	0.48	0.66	0.48	100.0%
18830810	2332	1088	MOORE	13132050	4	Aug 19, 2019	0.48	0.66	0.48	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 19, 2019	0.21	0.29	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Aug 19, 2019	0.43	0.59	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Aug 19, 2019	0.21	0.29	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 19, 2019	1.64	2.26	1.64	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 19, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 19, 2019	0.12	0.12	0.12	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 19, 2019	1.62	1.63	1.62	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 19, 2019	0.55	0.55	0.55	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 19, 2019	0.14	0.14	0.14	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 19, 2019	1.63	1.64	1.63	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 19, 2019	0.20	0.20	0.20	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 19, 2019	2.17	2.19	2.17	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 19, 2019	1.44	1.45	1.44	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 19, 2019	0.96	0.97	0.96	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 19, 2019	0.50	0.50	0.50	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 19, 2019	0.79	0.80	0.79	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 19, 2019	2.00	2.02	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 19, 2019	1.92	1.93	1.92	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 19, 2019	0.21	0.21	0.21	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 19, 2019	0.10	0.10	0.10	100.0%
18840422	347	938	SHARP	13126500	6	Aug 19, 2019	4.00	4.00	4.00	100.0%
18840422	24	120	SHARP	13126500	6	Aug 19, 2019	0.04	0.04	0.04	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 19, 2019	0.60	0.60	0.60	100.0%
18840422	397	10	SHARP	13126500	6	Aug 19, 2019	0.08	0.08	0.08	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 19, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Aug 19, 2019	0.10	0.10	0.10	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 19, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Aug 19, 2019	1.34	1.84	1.34	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 19, 2019	0.26	0.26	0.26	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 19, 2019	1.23	1.24	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 19, 2019	0.77	0.78	0.77	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 19, 2019	0.40	0.40	0.40	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 19, 2019	0.01	0.01	0.01	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 19, 2019	1.60	2.20	1.60	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 19, 2019	0.04	0.06	0.04	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 19, 2019	0.74	1.02	0.74	100.0%
18840520	427	1	MOORE	13132050	4	Aug 19, 2019	1.12	1.54	1.12	100.0%
18840520	96	451	MOORE	13132050	4	Aug 19, 2019	0.58	0.80	0.58	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 19, 2019	0.02	0.03	0.02	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 19, 2019	0.01	0.01	0.01	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 19, 2019	2.24	3.08	2.24	100.0%
18840520	340	816	MOORE	13132050	4	Aug 19, 2019	0.32	0.44	0.32	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 19, 2019	2.14	2.95	2.14	100.0%

18840520	113	585	MOORE	13132050	4	Aug 19, 2019	0.11	0.15	0.11	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 19, 2019	0.04	0.06	0.04	100.0%
18840520	219	547	MOORE	13132050	4	Aug 19, 2019	1.15	1.58	1.15	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 19, 2019	1.60	2.20	1.60	100.0%
18840520	645	2056	MOORE	13132050	4	Aug 19, 2019	0.07	0.10	0.07	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 19, 2019	0.18	0.25	0.18	100.0%
18840520	242	210	MOORE	13132050	4	Aug 19, 2019	0.21	0.29	0.21	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 19, 2019	1.15	1.58	1.15	100.0%
18840520	263	394	MOORE	13132050	4	Aug 19, 2019	0.22	0.30	0.22	100.0%
18840520	180	470	MOORE	13132050	4	Aug 19, 2019	0.16	0.22	0.16	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 19, 2019	0.78	1.07	0.78	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 19, 2019	0.80	1.10	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 19, 2019	0.72	0.73	0.72	100.0%
18840601	15	131	MOORE	13132050	4	Aug 19, 2019	0.37	0.51	0.37	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 19, 2019	1.12	1.54	1.12	100.0%
18840601	263	395	MOORE	13132050	4	Aug 19, 2019	0.06	0.08	0.06	100.0%
18840601	96	453	MOORE	13132050	4	Aug 19, 2019	0.21	0.29	0.21	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 19, 2019	0.16	0.22	0.16	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 19, 2019	0.73	0.74	0.73	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 19, 2019	0.37	0.37	0.37	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 19, 2019	0.23	0.23	0.23	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 19, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 19, 2019	0.40	0.40	0.40	100.0%
18840715	133	324	MOORE	13132050	4	Aug 19, 2019	0.80	1.10	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 19, 2019	1.20	1.65	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 19, 2019	0.80	1.10	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 19, 2019	0.80	1.10	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Aug 19, 2019	0.80	1.10	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Aug 19, 2019	0.80	1.10	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 19, 2019	1.20	1.65	1.20	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 19, 2019	0.65	0.89	0.65	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 19, 2019	0.80	1.10	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 19, 2019	0.80	1.10	0.80	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 19, 2019	0.20	0.28	0.20	100.0%
18840831	533	421	MOORE	13132050	4	Aug 19, 2019	0.14	0.19	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 19, 2019	0.58	0.80	0.58	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Aug 19, 2019	1.31	1.80	1.31	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 19, 2019	0.50	0.69	0.50	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Aug 19, 2019	0.44	0.61	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 19, 2019	0.40	0.55	0.40	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Aug 19, 2019	0.40	0.55	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 19, 2019	3.20	4.41	3.20	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 19, 2019	0.40	0.40	0.40	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 19, 2019	0.89	1.23	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Aug 19, 2019	0.58	0.80	0.58	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 19, 2019	3.30	3.33	3.30	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 19, 2019	0.74	0.75	0.74	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 19, 2019	0.04	0.04	0.04	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 19, 2019	2.77	2.79	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 19, 2019	0.81	0.82	0.81	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 19, 2019	1.20	1.21	1.20	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 19, 2019	0.43	0.43	0.43	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 19, 2019	2.36	2.38	2.36	100.0%
18841012	347	1974	SHARP	13126500	6	Aug 19, 2019	0.26	0.26	0.26	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 19, 2019	2.00	2.02	2.00	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 19, 2019	0.78	0.79	0.78	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 19, 2019	0.61	0.61	0.61	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 19, 2019	1.65	1.66	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 19, 2019	0.79	0.80	0.79	100.0%
18850501	423	186	ARCO	13132365	2	Aug 19, 2019	0.26	2.38	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Aug 19, 2019	0.20	1.83	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 19, 2019	0.24	0.33	0.24	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Aug 19, 2019	2.00	2.75	2.00	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 19, 2019	2.80	2.80	2.80	100.0%

18850501	255	401	NEILSEN	13120805	9	Aug 19, 2019	0.50	0.50	0.50	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 19, 2019	0.20	0.28	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 19, 2019	1.22	1.68	1.22	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Aug 19, 2019	0.20	0.28	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 19, 2019	0.30	0.41	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 19, 2019	0.56	0.77	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 19, 2019	1.37	1.38	1.37	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 19, 2019	0.19	0.19	0.19	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 19, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 19, 2019	0.01	0.01	0.01	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 19, 2019	1.56	2.14	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Aug 19, 2019	0.04	0.06	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Aug 19, 2019	3.20	4.41	3.20	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 19, 2019	3.20	3.22	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 19, 2019	2.00	2.02	2.00	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 19, 2019	1.20	1.65	1.20	100.0%
18850601	15	859	MOORE	13132050	4	Aug 19, 2019	0.50	0.69	0.50	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 19, 2019	0.62	0.62	0.62	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 19, 2019	2.60	2.62	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 19, 2019	1.54	1.55	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Aug 19, 2019	1.16	1.16	1.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 19, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 19, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 19, 2019	3.08	3.10	3.08	100.0%
18851002	356	42	ARCO	13132365	2	Aug 19, 2019	4.50	41.11	3.70	82.2%
18851002	437	62	ARCO	13132365	2	Aug 19, 2019	1.54	14.07	1.27	82.2%
18851002	356	82	ARCO	13132365	2	Aug 19, 2019	2.32	21.20	1.91	82.2%
18851002	318	817	MUNSEY	13132375	2	Aug 19, 2019	0.80	7.31	0.66	82.2%
18851002	318	545	MUNSEY	13132375	2	Aug 19, 2019	0.75	6.85	0.62	82.2%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 19, 2019	3.20	3.20	3.20	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 19, 2019	3.20	3.20	3.20	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 19, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 19, 2019	0.80	0.80	0.80	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 19, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 19, 2019	0.20	0.20	0.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 19, 2019	1.60	1.60	1.60	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 19, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 19, 2019	0.65	0.65	0.65	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 19, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 19, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 19, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 19, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 19, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 19, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 19, 2019	0.74	0.74	0.74	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 19, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 19, 2019	2.98	2.98	2.98	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 19, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 19, 2019	3.20	3.20	3.20	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 19, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 19, 2019	0.02	0.02	0.02	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 19, 2019	2.00	2.00	2.00	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 19, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 19, 2019	2.74	2.74	2.74	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 19, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 19, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 19, 2019	6.40	6.40	6.40	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 19, 2019	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 19, 2019	3.00	3.00	3.00	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 19, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 19, 2019	0.80	0.80	0.80	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 19, 2019	0.07	0.07	0.07	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 19, 2019	0.13	0.13	0.13	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 19, 2019	3.00	3.00	3.00	100.0%

19020304	129	2186	CHILLY	13121105	9	Aug 19, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 19, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 19, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 19, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 19, 2019	0.62	0.62	0.62	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Aug 19, 2019	2.60	2.60	2.60	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 19, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 19, 2019	1.08	1.08	1.08	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 19, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 19, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 19, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 19, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Aug 19, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 19, 2019	0.13	0.13	0.13	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 19, 2019	0.10	0.10	0.10	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 19, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 19, 2019	0.40	0.40	0.40	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 19, 2019	1.30	1.30	1.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 19, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 19, 2019	0.65	0.65	0.65	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 19, 2019	0.10	0.10	0.10	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 19, 2019	0.30	0.30	0.30	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 19, 2019	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 19, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 19, 2019	0.28	0.28	0.28	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 19, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 19, 2019	1.37	1.37	1.37	100.0%
19080401	314	73	NEILSEN	13120805	9	Aug 19, 2019	2.04	2.04	2.04	100.0%
19090830	575	890	Broken River Pum	13124050	8	Aug 19, 2019	1.82	1.82	1.82	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 19, 2019	0.75	0.75	0.75	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Aug 19, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 19, 2019	1.55	1.55	1.55	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 19, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 19, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 19, 2019	1.70	1.70	1.70	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 19, 2019	0.27	0.27	0.27	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 19, 2019	0.80	0.80	0.80	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 19, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 19, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 20, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		Aug 20	180.0	2.5	0.0	182.5	0.00	182.5	2.5	0.0	0.0	180.0	0.0	0.0
9	Howell to Chilly		Aug 20	0.0	71.5	0.0	-108.5	1.00	74.0	69.1	2.4	0.0	2.4	-2.4	0.0
8	Chilly to Reservoir	*	Aug 20	215.6	37.7	0.0	253.3	0.00	327.4	37.7	0.0	0.0	218.0	-2.4	0.0
	Disconnected														
7	Mackay Reservoir	*	Aug 20	427.6	0.0	0.0	215.6	0.00	215.6	0.0		0.0	215.6	212.0	0.0
6	Reservoir to 2B		Aug 20	421.0	6.6	0.0	0.0	0.00	215.6	6.5	0.1	0.0	209.2	211.8	0.0
5	2B to Leslie		Aug 20	285.0	127.5	0.0	-8.5	0.02	215.6	55.0	72.5	0.0	150.0	135.0	0.0
4	Leslie to Moore		Aug 20	74.4	133.9	0.0	-76.7	0.27	215.6	64.3	69.5	0.0	45.3	29.2	0.0
2	Moore to blw Munsey		Aug 20	0.5	55.5	45.9	-64.3	0.86	215.6	6.1	21.9	27.4	0.0	0.5	0.0
1	Blw Munsey to Arco		Aug 20	3.1	0.0	0.0	2.6	0.00	218.3	0.0	0.0	0.0	2.6	0.5	0.0
									TOTAL	241.2	166.4	27.4			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 20	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 20	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 20	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 20	0.0	0.0		18851002	55%
6	Reservoir to 2B	Aug 20	0.0	0.0		18851002	55%
5	2B to Leslie	Aug 20	4.2	4.3		18851002	55%
4	Leslie to Moore	Aug 20	40.4	36.3		18851002	55%
2	Moore to blw Munsey	Aug 20	39.1	25.2		18851002	55%
1	Blw Munsey to Arco	Aug 20	0.0	0.0		18851002	55%
		TOTAL	83.7	65.8	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
31600.0	31160.0	-440.0	-221.8	9.9

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-44270.4
Total Storage Deliver	-26563.4
Total Evaporation	-2126.1
Accounting Balance	30615.6
Current Res Content	31160.0
Storage Balance Error	-544.4

DAILY STORAGE BALANCE

31600.0	Reservoir Content Previous Day [ac-ft]
31160.0	Reservoir Content Current Day [ac-ft]
-440.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-131.5	Stored Flow Losses [ac-ft]
-4.3	2B to Leslie [cfs]
-36.3	Leslie to Moore [cfs]
-25.2	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-0.5	Past Arco Gage [cfs]
-317.7	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
72.5	2B to Leslie [cfs]
69.5	Leslie to Moore [cfs]
18.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-19.6	Evaporation [ac-ft]
-468.8	Accounting Change in Storage [ac-ft]
-28.8	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

215.6	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
2.6	Gain in Reach 1: Munsey to Arco [cfs]
218.2	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
86.4	Natural Flow Losses below Reservoir [cfs]
4.2	2B to Leslie [cfs]
40.4	Leslie to Moore [cfs]
39.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
2.6	Natural Flow Past Arco Gage [cfs]
131.9	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
6.5	Reservoir to 2B [cfs]
55.0	2B to Leslie [cfs]
64.3	Leslie to Moore [cfs]
6.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
218.3	Natural Flow Delivered & Lost [cfs]
-0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	5.5	275
Eastside Felton Wier +	9.5	475
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	2.3	115
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	6.8	340
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.2	960
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	60.9	3045
Groundwater to Arco	8.0	400
Groundwater to Munsey	37.9	1895

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.4	68
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	1.7	85
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	34.2	1710
Total Out	41.5	2076
Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.68	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 68.2%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 31.3 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 2.9 cfs
Step 4 - River at Weirs	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 4.3 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 123.7%
Step 6 - River at Eastside In	River at Weirs --- Upper Reach Delivery Factor	= 3.4 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 23.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 109.1%
Step 9 - Eastside River Delivery Factor	River at Eastside Out --- River at Eastside In	= 84.3%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 20, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	6.6	0.1	80.0
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	20.0	6.1	839.6
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	47.5	25.6	1708.8
9	NEILSEN	33.1	2.4	820.9	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	60.0	40.8	3318.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	38.4	0.0	6.4	8	Broken River Pum	4.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	7.8	2.8	1232.4
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.6	0.6	361.4
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	4.0	0.0	0.0	8	Freeman Ditch	2.6	0.0	2.8	4	MOORE	102.0	55.2	6072.4
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	23.5	12.2	8842.0
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	18.0	7.3	1558.4
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	37.5	10.8	1358.8
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	1.5	731.9	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.2	1469.5
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	2.3	151.9	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	6.8	54.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	961.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	693.6	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 20, 2019	3.20	3.20	3.20	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 20, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 20, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 20, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Aug 20, 2019	3.00	3.00	3.00	100.0%
18830601	645	2057	MOORE	13132050	4	Aug 20, 2019	0.09	0.13	0.09	100.0%
18830601	224	854	MOORE	13132050	4	Aug 20, 2019	3.20	4.47	3.20	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 20, 2019	1.54	2.15	1.54	100.0%
18830601	221	855	MOORE	13132050	4	Aug 20, 2019	1.60	2.23	1.60	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 20, 2019	0.27	0.38	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 20, 2019	0.79	1.10	0.79	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 20, 2019	1.73	2.42	1.73	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 20, 2019	1.13	1.58	1.13	100.0%
18830810	2332	1088	MOORE	13132050	4	Aug 20, 2019	0.50	0.70	0.50	100.0%
18830810	263	393	MOORE	13132050	4	Aug 20, 2019	0.18	0.25	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	Aug 20, 2019	0.18	0.25	0.18	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Aug 20, 2019	0.21	0.30	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Aug 20, 2019	0.43	0.60	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 20, 2019	0.21	0.30	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 20, 2019	1.64	2.29	1.64	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 20, 2019	0.12	0.12	0.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 20, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 20, 2019	1.62	1.65	1.62	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 20, 2019	0.20	0.20	0.20	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 20, 2019	0.14	0.14	0.14	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 20, 2019	0.96	0.98	0.96	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 20, 2019	2.17	2.21	2.17	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 20, 2019	1.63	1.66	1.63	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 20, 2019	1.44	1.47	1.44	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 20, 2019	0.55	0.56	0.55	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 20, 2019	0.79	0.81	0.79	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 20, 2019	0.50	0.51	0.50	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 20, 2019	0.21	0.21	0.21	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 20, 2019	2.00	2.04	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 20, 2019	1.92	1.96	1.92	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 20, 2019	0.64	0.64	0.64	100.0%
18840422	347	938	SHARP	13126500	6	Aug 20, 2019	4.00	4.00	4.00	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 20, 2019	0.10	0.10	0.10	100.0%
18840422	24	120	SHARP	13126500	6	Aug 20, 2019	0.06	0.06	0.06	100.0%
18840422	397	10	SHARP	13126500	6	Aug 20, 2019	0.08	0.08	0.08	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 20, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Aug 20, 2019	0.10	0.10	0.10	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 20, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Aug 20, 2019	1.12	1.56	1.12	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 20, 2019	1.23	1.26	1.23	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 20, 2019	0.80	0.82	0.80	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 20, 2019	0.40	0.41	0.40	100.0%
18840430	623	2234	BURNETT	13127750	5	Aug 20, 2019	0.40	0.41	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 20, 2019	0.16	0.16	0.16	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 20, 2019	0.77	0.79	0.77	100.0%
18840520	2550	510	MOORE	13132050	4	Aug 20, 2019	0.18	0.25	0.18	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 20, 2019	1.60	2.23	1.60	100.0%
18840520	85	1584	MOORE	13132050	4	Aug 20, 2019	0.22	0.31	0.22	100.0%
18840520	427	1	MOORE	13132050	4	Aug 20, 2019	1.06	1.48	1.06	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 20, 2019	0.01	0.01	0.01	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 20, 2019	1.60	2.23	1.60	100.0%
18840520	219	547	MOORE	13132050	4	Aug 20, 2019	1.15	1.61	1.15	100.0%
18840520	113	585	MOORE	13132050	4	Aug 20, 2019	0.10	0.14	0.10	100.0%
18840520	2550	511	MOORE	13132050	4	Aug 20, 2019	1.24	1.73	1.24	100.0%

18840520	187	1872	MOORE	13132050	4	Aug 20, 2019	0.01	0.01	0.01	100.0%
18840520	340	816	MOORE	13132050	4	Aug 20, 2019	0.34	0.47	0.34	100.0%
18840520	180	470	MOORE	13132050	4	Aug 20, 2019	0.16	0.22	0.16	100.0%
18840520	645	2056	MOORE	13132050	4	Aug 20, 2019	0.07	0.10	0.07	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 20, 2019	0.18	0.25	0.18	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 20, 2019	0.04	0.06	0.04	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 20, 2019	0.04	0.06	0.04	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 20, 2019	0.02	0.03	0.02	100.0%
18840520	263	394	MOORE	13132050	4	Aug 20, 2019	0.22	0.31	0.22	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 20, 2019	2.14	2.99	2.14	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 20, 2019	0.78	1.09	0.78	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 20, 2019	1.15	1.61	1.15	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 20, 2019	0.78	1.09	0.78	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 20, 2019	2.24	3.13	2.24	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 20, 2019	0.80	1.12	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 20, 2019	0.72	0.73	0.72	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 20, 2019	1.18	1.65	1.18	100.0%
18840601	263	395	MOORE	13132050	4	Aug 20, 2019	0.08	0.11	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Aug 20, 2019	0.09	0.13	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	Aug 20, 2019	0.54	0.75	0.54	100.0%
18840601	85	1585	MOORE	13132050	4	Aug 20, 2019	0.08	0.11	0.08	100.0%
18840601	15	131	MOORE	13132050	4	Aug 20, 2019	0.37	0.51	0.37	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 20, 2019	0.16	0.22	0.16	100.0%
18840601	623	2182	BURNETT	13127750	5	Aug 20, 2019	0.40	0.41	0.40	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 20, 2019	0.37	0.38	0.37	100.0%
18840601	623	2181	BURNETT	13127750	5	Aug 20, 2019	0.27	0.27	0.27	100.0%
18840601	623	2134	BURNETT	13127750	5	Aug 20, 2019	0.20	0.20	0.20	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 20, 2019	0.73	0.75	0.73	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 20, 2019	0.80	0.82	0.80	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 20, 2019	0.23	0.23	0.23	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 20, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 20, 2019	0.80	0.80	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Aug 20, 2019	0.80	1.12	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 20, 2019	1.20	1.68	1.20	100.0%
18840715	15	799	MOORE	13132050	4	Aug 20, 2019	0.80	1.12	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Aug 20, 2019	0.80	1.12	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 20, 2019	1.20	1.68	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 20, 2019	0.80	1.12	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 20, 2019	0.80	1.12	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 20, 2019	0.80	1.12	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 20, 2019	0.80	1.12	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 20, 2019	0.73	1.02	0.73	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 20, 2019	0.58	0.81	0.58	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 20, 2019	0.20	0.28	0.20	100.0%
18840831	533	421	MOORE	13132050	4	Aug 20, 2019	0.14	0.20	0.14	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 20, 2019	0.40	0.56	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 20, 2019	0.50	0.70	0.50	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Aug 20, 2019	0.44	0.61	0.44	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Aug 20, 2019	0.40	0.56	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Aug 20, 2019	1.31	1.83	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 20, 2019	3.20	4.47	3.20	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 20, 2019	0.40	0.41	0.40	100.0%
18840914	623	2135	BURNETT	13127750	5	Aug 20, 2019	0.27	0.28	0.27	100.0%
18841012	205	2067	BECK	13130525	4	Aug 20, 2019	1.76	2.46	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Aug 20, 2019	0.58	0.81	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 20, 2019	0.89	1.24	0.89	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 20, 2019	1.20	1.22	1.20	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 20, 2019	0.04	0.04	0.04	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 20, 2019	2.77	2.83	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 20, 2019	0.74	0.76	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 20, 2019	3.30	3.37	3.30	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 20, 2019	2.28	2.33	2.28	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 20, 2019	0.43	0.44	0.43	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 20, 2019	0.81	0.83	0.81	100.0%

18841012	347	1974	SHARP	13126500	6	Aug 20, 2019	0.72	0.72	0.72	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 20, 2019	0.86	0.88	0.86	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 20, 2019	0.79	0.81	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 20, 2019	2.00	2.04	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 20, 2019	1.65	1.68	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 20, 2019	0.61	0.62	0.61	100.0%
18850501	423	87	ARCO	13132365	2	Aug 20, 2019	0.20	2.06	0.20	100.0%
18850501	423	186	ARCO	13132365	2	Aug 20, 2019	0.26	2.68	0.26	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Aug 20, 2019	2.00	2.79	2.00	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 20, 2019	0.24	0.34	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 20, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 20, 2019	0.50	0.50	0.50	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 20, 2019	1.26	1.76	1.26	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 20, 2019	0.20	0.28	0.20	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Aug 20, 2019	0.20	0.28	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 20, 2019	0.30	0.42	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 20, 2019	0.56	0.78	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 20, 2019	1.37	1.40	1.37	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 20, 2019	0.19	0.19	0.19	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 20, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 20, 2019	0.01	0.01	0.01	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 20, 2019	1.56	2.17	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Aug 20, 2019	0.04	0.06	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Aug 20, 2019	3.20	4.47	3.20	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 20, 2019	3.20	3.27	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 20, 2019	2.00	2.04	2.00	100.0%
18850601	205	2064	BECK	13130525	4	Aug 20, 2019	0.46	0.64	0.46	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 20, 2019	1.20	1.68	1.20	100.0%
18850601	15	859	MOORE	13132050	4	Aug 20, 2019	0.50	0.70	0.50	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 20, 2019	0.54	0.55	0.54	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 20, 2019	2.60	2.65	2.60	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Aug 20, 2019	0.40	0.41	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 20, 2019	1.54	1.57	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Aug 20, 2019	0.18	0.18	0.18	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 20, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 20, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 20, 2019	3.08	3.14	3.08	100.0%
18851002	356	82	ARCO	13132365	2	Aug 20, 2019	2.76	28.41	1.52	54.9%
18851002	356	42	ARCO	13132365	2	Aug 20, 2019	4.50	46.32	2.47	54.9%
18851002	437	62	ARCO	13132365	2	Aug 20, 2019	1.54	15.85	0.85	54.9%
18851002	318	817	MUNSEY	13132375	2	Aug 20, 2019	0.80	8.23	0.44	54.9%
18851002	318	545	MUNSEY	13132375	2	Aug 20, 2019	0.75	7.72	0.41	54.9%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 20, 2019	3.20	3.20	3.20	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 20, 2019	3.20	3.20	3.20	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 20, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 20, 2019	0.80	0.80	0.80	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 20, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 20, 2019	0.43	0.43	0.43	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 20, 2019	1.60	1.60	1.60	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 20, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 20, 2019	0.65	0.65	0.65	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 20, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 20, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 20, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 20, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 20, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 20, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 20, 2019	0.74	0.74	0.74	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 20, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 20, 2019	2.98	2.98	2.98	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 20, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 20, 2019	3.20	3.20	3.20	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 20, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 20, 2019	0.02	0.02	0.02	100.0%

18970515	130	1286	NEILSEN	13120805	9	Aug 20, 2019	2.00	2.00	2.00	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 20, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 20, 2019	2.74	2.74	2.74	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 20, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 20, 2019	0.21	0.21	0.21	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 20, 2019	6.40	6.40	6.40	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 20, 2019	3.00	3.00	3.00	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 20, 2019	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 20, 2019	3.00	3.00	3.00	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 20, 2019	0.13	0.13	0.13	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 20, 2019	0.07	0.07	0.07	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 20, 2019	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 20, 2019	0.80	0.80	0.80	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 20, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 20, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 20, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 20, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 20, 2019	0.62	0.62	0.62	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Aug 20, 2019	2.60	2.60	2.60	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 20, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 20, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 20, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 20, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 20, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 20, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Aug 20, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 20, 2019	0.13	0.13	0.13	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 20, 2019	0.40	0.40	0.40	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 20, 2019	1.30	1.30	1.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 20, 2019	0.65	0.65	0.65	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 20, 2019	0.30	0.30	0.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 20, 2019	0.82	0.82	0.82	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 20, 2019	0.10	0.10	0.10	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 20, 2019	0.10	0.10	0.10	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 20, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 20, 2019	0.40	0.40	0.40	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 20, 2019	0.30	0.30	0.30	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 20, 2019	0.28	0.28	0.28	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 20, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 20, 2019	1.37	1.37	1.37	100.0%
19080401	314	73	NEILSEN	13120805	9	Aug 20, 2019	2.04	2.04	2.04	100.0%
19090830	575	890	Broken River Pum	13124050	8	Aug 20, 2019	1.82	1.82	1.82	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 20, 2019	0.75	0.75	0.75	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Aug 20, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 20, 2019	1.55	1.55	1.55	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 20, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 20, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 20, 2019	1.70	1.70	1.70	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 20, 2019	0.27	0.27	0.27	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 20, 2019	0.80	0.80	0.80	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 20, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 20, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 21, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Aug 21	175.0	2.5	0.0	177.5	0.00	177.5	2.5	0.0	0.0	175.0	0.0	0.0
9	Howell to Chilly	Aug 21	0.0	70.9	0.0	-104.1	1.00	73.4	68.5	2.4	0.0	2.4	-2.4	0.0
8	Chilly to Reservoir	* Aug 21	225.9	37.2	0.0	263.1	0.00	336.5	37.2	0.0	0.0	228.2	-2.4	0.0
	Disconnected													
7	Mackay Reservoir	* Aug 21	427.5	0.0	0.0	225.9	0.00	225.9	0.0		0.0	225.9	201.6	0.0
6	Reservoir to 2B	Aug 21	421.0	6.5	0.0	0.0	0.00	225.9	6.4	0.1	0.0	219.5	201.5	0.0
5	2B to Leslie	Aug 21	286.0	123.0	0.0	-12.0	0.03	225.9	55.8	67.2	0.0	157.5	128.5	0.0
4	Leslie to Moore	Aug 21	77.2	129.0	0.0	-79.8	0.28	225.9	64.7	64.3	0.0	48.8	28.4	0.0
2	Moore to blw Munsey	Aug 21	0.7	55.5	39.1	-60.1	0.78	225.9	10.8	19.0	25.7	0.0	0.7	0.0
1	Blw Munsey to Arco	Aug 21	2.9	0.0	0.0	2.2	0.00	228.1	0.0	0.0	0.0	2.2	0.7	0.0
								TOTAL	245.9	153.0	25.7			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 21	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 21	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 21	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 21	0.0	0.0		18860501	8%
6	Reservoir to 2B	Aug 21	0.0	0.0		18860501	8%
5	2B to Leslie	Aug 21	6.3	5.7		18860501	8%
4	Leslie to Moore	Aug 21	43.9	35.9		18860501	8%
2	Moore to blw Munsey	Aug 21	38.0	22.1		18860501	8%
1	Blw Munsey to Arco	Aug 21	0.0	0.0		18860501	8%
		TOTAL	88.2	63.7	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
31160.0	30740.0	-420.0	-211.7	10.1

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-44398.1
Total Storage Deliver	-26862.1
Total Evaporation	-2146.2
Accounting Balance	30169.2
Current Res Content	30740.0
Storage Balance Error	-570.8

DAILY STORAGE BALANCE

31160.0	Reservoir Content Previous Day [ac-ft]
30740.0	Reservoir Content Current Day [ac-ft]
-420.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-127.7	Stored Flow Losses [ac-ft]
-5.7	2B to Leslie [cfs]
-35.9	Leslie to Moore [cfs]
-22.1	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-0.7	Past Arco Gage [cfs]
-290.3	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
67.2	2B to Leslie [cfs]
64.3	Leslie to Moore [cfs]
14.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-20.0	Evaporation [ac-ft]
-438.0	Accounting Change in Storage [ac-ft]
-18.0	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

225.9	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
2.2	Gain in Reach 1: Munsey to Arco [cfs]
228.1	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
90.4	Natural Flow Losses below Reservoir [cfs]
6.3	2B to Leslie [cfs]
43.9	Leslie to Moore [cfs]
38.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
2.2	Natural Flow Past Arco Gage [cfs]
137.7	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
6.4	Reservoir to 2B [cfs]
55.8	2B to Leslie [cfs]
64.7	Leslie to Moore [cfs]
10.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
228.1	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.3	415
Eastside Felton Wier +	8.3	415
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	2.3	115
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.2	960
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	55.7	2785
Groundwater to Arco	8.0	400
Groundwater to Munsey	31.1	1555

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.4	68
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	1.5	77
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	35.5	1775
Total Out	42.7	2133
Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.77	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 76.6%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 29.9 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 5.6 cfs
Step 4 - River at Weirs	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 7.3 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 138.8%
Step 6 - River at Eastside In	River at Weirs --- Upper Reach Delivery Factor	= 5.2 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 18.9 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 127.2%
Step 9 - Eastside River Delivery Factor	River at Eastside Out --- River at Eastside In	= 106.3%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 21, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	6.5	0.1	80.2
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	19.8	5.1	849.8
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	45.4	23.6	1755.5
9	NEILSEN	32.5	2.4	825.7	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	57.8	38.5	3395.0
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	38.4	0.0	6.4	8	Broken River Pum	4.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	7.5	2.4	1237.3
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.6	0.6	362.6
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	4.0	0.0	0.0	8	Freeman Ditch	2.6	0.0	2.8	4	MOORE	102.0	55.1	6181.7
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	18.9	7.4	8856.8
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	18.0	2.6	1563.6
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	37.5	12.1	1382.8
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	1.5	734.9	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.2	1545.7
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	2.3	161.1	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	54.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	999.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	725.3	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 21, 2019	3.20	3.20	3.20	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 21, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 21, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 21, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Aug 21, 2019	3.00	3.00	3.00	100.0%
18830601	221	855	MOORE	13132050	4	Aug 21, 2019	1.60	2.28	1.60	100.0%
18830601	224	854	MOORE	13132050	4	Aug 21, 2019	3.20	4.57	3.20	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 21, 2019	0.27	0.39	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 21, 2019	0.79	1.13	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 21, 2019	1.54	2.20	1.54	100.0%
18830601	645	2057	MOORE	13132050	4	Aug 21, 2019	0.09	0.13	0.09	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 21, 2019	1.73	2.47	1.73	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 21, 2019	1.13	1.61	1.13	100.0%
18830810	263	393	MOORE	13132050	4	Aug 21, 2019	0.18	0.26	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	Aug 21, 2019	0.18	0.26	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	Aug 21, 2019	0.50	0.71	0.50	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 21, 2019	0.21	0.30	0.21	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Aug 21, 2019	0.21	0.30	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Aug 21, 2019	0.43	0.61	0.43	100.0%
18840422	236	30	BECK	13130525	4	Aug 21, 2019	1.64	2.34	1.64	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 21, 2019	1.62	1.67	1.62	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 21, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 21, 2019	0.12	0.12	0.12	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 21, 2019	2.17	2.23	2.17	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 21, 2019	1.44	1.48	1.44	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 21, 2019	0.20	0.21	0.20	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 21, 2019	1.63	1.68	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 21, 2019	0.55	0.57	0.55	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 21, 2019	0.96	0.99	0.96	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 21, 2019	0.14	0.14	0.14	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 21, 2019	0.79	0.81	0.79	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 21, 2019	2.00	2.06	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 21, 2019	1.92	1.98	1.92	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 21, 2019	0.21	0.22	0.21	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 21, 2019	0.50	0.51	0.50	100.0%
18840422	284	228	SHARP	13126500	6	Aug 21, 2019	0.10	0.10	0.10	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 21, 2019	0.64	0.64	0.64	100.0%
18840422	347	938	SHARP	13126500	6	Aug 21, 2019	4.00	4.00	4.00	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 21, 2019	0.10	0.10	0.10	100.0%
18840422	397	10	SHARP	13126500	6	Aug 21, 2019	0.08	0.08	0.08	100.0%
18840422	24	120	SHARP	13126500	6	Aug 21, 2019	0.06	0.06	0.06	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 21, 2019	0.08	0.08	0.08	100.0%
18840423	280	1860	SHARP	13126500	6	Aug 21, 2019	0.50	0.50	0.50	100.0%
18840430	141	1365	BECK	13130525	4	Aug 21, 2019	1.14	1.63	1.14	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 21, 2019	0.80	0.82	0.80	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 21, 2019	0.40	0.41	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 21, 2019	0.22	0.23	0.22	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 21, 2019	1.23	1.27	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 21, 2019	0.77	0.79	0.77	100.0%
18840430	623	2234	BURNETT	13127750	5	Aug 21, 2019	0.40	0.41	0.40	100.0%
18840520	113	585	MOORE	13132050	4	Aug 21, 2019	0.10	0.14	0.10	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 21, 2019	0.02	0.03	0.02	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 21, 2019	0.04	0.06	0.04	100.0%
18840520	85	1584	MOORE	13132050	4	Aug 21, 2019	0.22	0.31	0.22	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 21, 2019	1.60	2.28	1.60	100.0%
18840520	427	1	MOORE	13132050	4	Aug 21, 2019	1.02	1.46	1.02	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 21, 2019	0.78	1.11	0.78	100.0%
18840520	340	816	MOORE	13132050	4	Aug 21, 2019	0.32	0.46	0.32	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 21, 2019	0.01	0.01	0.01	100.0%

18840520	263	394	MOORE	13132050	4	Aug 21, 2019	0.22	0.31	0.22	100.0%
18840520	219	547	MOORE	13132050	4	Aug 21, 2019	1.15	1.64	1.15	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 21, 2019	0.04	0.06	0.04	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 21, 2019	0.01	0.01	0.01	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 21, 2019	0.18	0.26	0.18	100.0%
18840520	180	470	MOORE	13132050	4	Aug 21, 2019	0.16	0.23	0.16	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 21, 2019	1.60	2.28	1.60	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 21, 2019	2.14	3.06	2.14	100.0%
18840520	645	2056	MOORE	13132050	4	Aug 21, 2019	0.07	0.10	0.07	100.0%
18840520	2550	511	MOORE	13132050	4	Aug 21, 2019	1.20	1.71	1.20	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 21, 2019	2.24	3.20	2.24	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 21, 2019	1.15	1.64	1.15	100.0%
18840520	2550	510	MOORE	13132050	4	Aug 21, 2019	0.18	0.26	0.18	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 21, 2019	0.76	1.09	0.76	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 21, 2019	0.80	1.14	0.80	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 21, 2019	0.72	0.74	0.72	100.0%
18840601	15	131	MOORE	13132050	4	Aug 21, 2019	0.37	0.53	0.37	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 21, 2019	1.14	1.63	1.14	100.0%
18840601	85	1585	MOORE	13132050	4	Aug 21, 2019	0.08	0.11	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Aug 21, 2019	0.54	0.77	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Aug 21, 2019	0.09	0.13	0.09	100.0%
18840601	263	395	MOORE	13132050	4	Aug 21, 2019	0.06	0.09	0.06	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 21, 2019	0.16	0.23	0.16	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 21, 2019	0.73	0.76	0.73	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 21, 2019	0.80	0.82	0.80	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 21, 2019	0.23	0.24	0.23	100.0%
18840601	623	2182	BURNETT	13127750	5	Aug 21, 2019	0.40	0.41	0.40	100.0%
18840601	623	2181	BURNETT	13127750	5	Aug 21, 2019	0.27	0.27	0.27	100.0%
18840601	623	2134	BURNETT	13127750	5	Aug 21, 2019	0.20	0.21	0.20	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 21, 2019	0.37	0.38	0.37	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 21, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 21, 2019	0.40	0.40	0.40	100.0%
18840715	133	324	MOORE	13132050	4	Aug 21, 2019	0.80	1.14	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 21, 2019	0.80	1.14	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Aug 21, 2019	0.80	1.14	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 21, 2019	1.20	1.71	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 21, 2019	0.80	1.14	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 21, 2019	1.20	1.71	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Aug 21, 2019	0.80	1.14	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 21, 2019	0.80	1.14	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 21, 2019	0.80	1.14	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 21, 2019	0.67	0.96	0.67	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 21, 2019	0.20	0.29	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 21, 2019	0.58	0.83	0.58	100.0%
18840831	533	421	MOORE	13132050	4	Aug 21, 2019	0.14	0.20	0.14	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 21, 2019	0.50	0.71	0.50	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Aug 21, 2019	0.40	0.57	0.40	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 21, 2019	0.40	0.57	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Aug 21, 2019	1.31	1.87	1.31	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Aug 21, 2019	0.44	0.63	0.44	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 21, 2019	3.20	4.57	3.20	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 21, 2019	0.40	0.41	0.40	100.0%
18840914	623	2135	BURNETT	13127750	5	Aug 21, 2019	0.31	0.32	0.31	100.0%
18841012	205	2067	BECK	13130525	4	Aug 21, 2019	1.76	2.51	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Aug 21, 2019	0.58	0.83	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 21, 2019	0.89	1.27	0.89	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 21, 2019	0.74	0.76	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 21, 2019	2.77	2.85	2.77	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 21, 2019	3.30	3.40	3.30	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 21, 2019	2.64	2.72	2.64	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 21, 2019	0.43	0.44	0.43	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 21, 2019	1.20	1.24	1.20	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 21, 2019	0.06	0.06	0.06	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 21, 2019	0.81	0.83	0.81	100.0%

18841012	347	1974	SHARP	13126500	6	Aug 21, 2019	0.66	0.66	0.66	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 21, 2019	0.78	0.80	0.78	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 21, 2019	0.79	0.81	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 21, 2019	2.00	2.06	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 21, 2019	0.61	0.63	0.61	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 21, 2019	1.65	1.70	1.65	100.0%
18850501	423	186	ARCO	13132365	2	Aug 21, 2019	0.26	1.68	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Aug 21, 2019	0.20	1.29	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 21, 2019	0.24	0.34	0.24	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Aug 21, 2019	2.00	2.86	2.00	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 21, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 21, 2019	0.50	0.50	0.50	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 21, 2019	0.20	0.29	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 21, 2019	1.26	1.80	1.26	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Aug 21, 2019	0.20	0.29	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 21, 2019	0.30	0.43	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 21, 2019	0.56	0.80	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 21, 2019	0.19	0.20	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 21, 2019	1.37	1.41	1.37	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 21, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 21, 2019	0.11	0.11	0.11	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 21, 2019	1.56	2.22	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Aug 21, 2019	0.04	0.06	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Aug 21, 2019	3.20	4.57	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 21, 2019	2.00	2.06	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 21, 2019	3.20	3.29	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Aug 21, 2019	0.52	0.74	0.52	100.0%
18850601	15	859	MOORE	13132050	4	Aug 21, 2019	0.50	0.71	0.50	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 21, 2019	1.20	1.71	1.20	100.0%
18850601	2328	2113	SWAUGER	13127600	5	Aug 21, 2019	0.90	0.93	0.90	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Aug 21, 2019	0.40	0.41	0.40	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 21, 2019	2.60	2.68	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 21, 2019	1.54	1.59	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	Aug 21, 2019	0.16	0.16	0.16	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 21, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 21, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 21, 2019	3.08	3.17	3.08	100.0%
18851002	437	62	ARCO	13132365	2	Aug 21, 2019	1.54	9.93	1.54	100.0%
18851002	356	82	ARCO	13132365	2	Aug 21, 2019	2.76	17.80	2.76	100.0%
18851002	356	42	ARCO	13132365	2	Aug 21, 2019	4.50	29.01	4.50	100.0%
18851002	318	545	MUNSEY	13132375	2	Aug 21, 2019	0.75	4.84	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Aug 21, 2019	0.80	5.16	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 21, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 21, 2019	2.80	4.00	0.23	8.3%
18860501	417	644	MOORE	13132050	4	Aug 21, 2019	1.20	1.71	0.10	8.3%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 21, 2019	2.82	4.03	0.23	8.3%
18860901	605	955	Stoecklein 1	13124173	8	Aug 21, 2019	3.20	3.20	3.20	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 21, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 21, 2019	0.80	0.80	0.80	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 21, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 21, 2019	0.43	0.43	0.43	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 21, 2019	1.60	1.60	1.60	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 21, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 21, 2019	0.65	0.65	0.65	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 21, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 21, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 21, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 21, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 21, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 21, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 21, 2019	0.74	0.74	0.74	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 21, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 21, 2019	2.98	2.98	2.98	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 21, 2019	1.20	1.20	1.20	100.0%

18950501	307	619	NEILSEN	13120805	9	Aug 21, 2019	3.20	3.20	3.20	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 21, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 21, 2019	0.18	0.18	0.18	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 21, 2019	2.00	2.00	2.00	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 21, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 21, 2019	2.74	2.74	2.74	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 21, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 21, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 21, 2019	6.40	6.40	6.40	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 21, 2019	0.13	0.13	0.13	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 21, 2019	0.07	0.07	0.07	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 21, 2019	3.00	3.00	3.00	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 21, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 21, 2019	3.00	3.00	3.00	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 21, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 21, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 21, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 21, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 21, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 21, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 21, 2019	0.62	0.62	0.62	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Aug 21, 2019	2.60	2.60	2.60	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 21, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 21, 2019	1.08	1.08	1.08	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 21, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 21, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 21, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 21, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Aug 21, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 21, 2019	0.13	0.13	0.13	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 21, 2019	0.82	0.82	0.82	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 21, 2019	0.10	0.10	0.10	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 21, 2019	0.65	0.65	0.65	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 21, 2019	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 21, 2019	0.30	0.30	0.30	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 21, 2019	1.30	1.30	1.30	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 21, 2019	0.10	0.10	0.10	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 21, 2019	0.30	0.30	0.30	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 21, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 21, 2019	0.40	0.40	0.40	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 21, 2019	0.28	0.28	0.28	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 21, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 21, 2019	1.37	1.37	1.37	100.0%
19080401	314	73	NEILSEN	13120805	9	Aug 21, 2019	2.04	2.04	2.04	100.0%
19090830	575	890	Broken River Pum	13124050	8	Aug 21, 2019	1.82	1.82	1.82	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 21, 2019	0.75	0.75	0.75	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 21, 2019	1.55	1.55	1.55	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 21, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 21, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 21, 2019	1.10	1.10	1.10	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 21, 2019	0.27	0.27	0.27	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 21, 2019	0.80	0.80	0.80	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 21, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 21, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 22, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		Aug 22	173.0	2.5	0.0	175.5	0.00	175.5	2.5	0.0	0.0	173.0	0.0	0.0
9	Howell to Chilly		Aug 22	0.0	70.9	0.0	-102.1	1.00	73.4	68.5	2.4	0.0	2.4	-2.4	0.0
8	Chilly to Reservoir	*	Aug 22	241.8	37.2	0.0	279.0	0.00	352.4	37.2	0.0	0.0	244.2	-2.4	0.0
	Disconnected														
7	Mackay Reservoir	*	Aug 22	425.0	0.0	0.0	241.8	0.00	241.8	0.0		0.0	241.8	183.2	0.0
6	Reservoir to 2B		Aug 22	419.0	6.0	0.0	0.0	0.00	241.8	5.3	0.7	0.0	236.5	182.5	0.0
5	2B to Leslie		Aug 22	286.0	124.2	0.0	-8.8	0.02	241.8	56.7	67.5	0.0	174.9	111.1	0.0
4	Leslie to Moore		Aug 22	78.4	131.0	0.0	-76.6	0.27	241.8	77.8	53.2	0.0	50.3	28.1	0.0
2	Moore to blw Munsey		Aug 22	0.9	55.5	39.1	-61.1	0.78	241.8	11.1	20.3	24.1	0.0	0.9	0.0
1	Blw Munsey to Arco		Aug 22	3.0	0.0	0.0	2.1	0.00	243.9	0.0	0.0	0.0	2.1	0.9	0.0
									TOTAL	259.1	144.1	24.1			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 22	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 22	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 22	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 22	0.0	0.0		18860901	34%
6	Reservoir to 2B	Aug 22	0.0	0.0		18860901	34%
5	2B to Leslie	Aug 22	5.0	3.8		18860901	34%
4	Leslie to Moore	Aug 22	46.8	29.8		18860901	34%
2	Moore to blw Munsey	Aug 22	39.2	21.9		18860901	34%
1	Blw Munsey to Arco	Aug 22	0.0	0.0		18860901	34%
		TOTAL	91.0	55.5	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
30740.0	30360.0	-380.0	-191.6	8.4

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-44510.0
Total Storage Deliver	-27143.2
Total Evaporation	-2162.8
Accounting Balance	29759.6
Current Res Content	30360.0
Storage Balance Error	-600.4

DAILY STORAGE BALANCE

30740.0	Reservoir Content Previous Day [ac-ft]
30360.0	Reservoir Content Current Day [ac-ft]
-380.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-111.9	Stored Flow Losses [ac-ft]
-3.8	2B to Leslie [cfs]
-29.8	Leslie to Moore [cfs]
-21.9	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-0.9	Past Arco Gage [cfs]
-273.0	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.7	Reservoir to 2B [cfs]
67.5	2B to Leslie [cfs]
53.2	Leslie to Moore [cfs]
16.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-16.6	Evaporation [ac-ft]
-401.5	Accounting Change in Storage [ac-ft]
-21.5	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

241.8	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
2.1	Gain in Reach 1: Munsey to Arco [cfs]
243.9	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
93.0	Natural Flow Losses below Reservoir [cfs]
5.0	2B to Leslie [cfs]
46.8	Leslie to Moore [cfs]
39.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
2.1	Natural Flow Past Arco Gage [cfs]
150.9	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
5.3	Reservoir to 2B [cfs]
56.7	2B to Leslie [cfs]
77.8	Leslie to Moore [cfs]
11.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
243.9	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.0	400
Eastside Felton Wier +	8.5	425
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	2.3	115
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.2	960
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	55.6	2780
Groundwater to Arco	8.0	400
Groundwater to Munsey	31.1	1555

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.4	68
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	2.0	98
Island Felton Farms Delivery +	1.5	77
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	32.9	1645
Total Out	40.1	2003
Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.72	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 72.1%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 28.2 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 4.7 cfs
Step 4 - River at Weirs	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 6.6 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 134.9%
Step 6 - River at Eastside In	River at Weirs --- Upper Reach Delivery Factor	= 4.9 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 19.2 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 120.4%
Step 9 - Eastside River Delivery Factor	River at Eastside Out --- River at Eastside In	= 97.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 22, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	6.0	0.7	81.7
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	20.0	4.0	857.8
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	45.0	24.6	1804.3
9	NEILSEN	32.5	2.4	830.4	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	59.2	38.9	3472.2
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	38.4	0.0	6.4	8	Broken River Pum	4.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	7.2	2.6	1242.4
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.6	0.6	363.8
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	4.0	0.0	0.0	8	Freeman Ditch	2.6	0.0	2.8	4	MOORE	104.0	49.8	6280.4
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	19.2	1.6	8859.9
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	18.0	3.0	1569.5
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	37.5	13.3	1409.1
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	1.5	737.9	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.2	1621.9
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	2.3	170.2	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	54.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	1037.1	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	757.1	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 22, 2019	3.20	3.20	3.20	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 22, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 22, 2019	0.59	0.59	0.59	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 22, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Aug 22, 2019	3.00	3.00	3.00	100.0%
18830601	221	855	MOORE	13132050	4	Aug 22, 2019	1.52	2.12	1.52	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 22, 2019	0.27	0.38	0.27	100.0%
18830601	224	854	MOORE	13132050	4	Aug 22, 2019	3.10	4.32	3.10	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 22, 2019	1.48	2.06	1.48	100.0%
18830601	645	2057	MOORE	13132050	4	Aug 22, 2019	0.09	0.13	0.09	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 22, 2019	0.79	1.10	0.79	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 22, 2019	1.13	1.58	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 22, 2019	1.64	2.29	1.64	100.0%
18830810	263	393	MOORE	13132050	4	Aug 22, 2019	0.18	0.25	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	Aug 22, 2019	0.46	0.64	0.46	100.0%
18830810	85	1583	MOORE	13132050	4	Aug 22, 2019	0.18	0.25	0.18	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Aug 22, 2019	0.43	0.60	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 22, 2019	0.21	0.30	0.21	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Aug 22, 2019	0.21	0.30	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 22, 2019	1.64	2.29	1.64	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 22, 2019	0.07	0.07	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	Aug 22, 2019	0.68	0.69	0.68	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 22, 2019	1.62	1.65	1.62	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 22, 2019	0.10	0.10	0.10	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Aug 22, 2019	1.12	1.14	1.12	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 22, 2019	0.55	0.56	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 22, 2019	1.63	1.66	1.63	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 22, 2019	0.14	0.14	0.14	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 22, 2019	2.17	2.22	2.17	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 22, 2019	1.44	1.47	1.44	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 22, 2019	0.20	0.20	0.20	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 22, 2019	0.50	0.51	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 22, 2019	2.00	2.04	2.00	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 22, 2019	0.21	0.21	0.21	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 22, 2019	1.92	1.96	1.92	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 22, 2019	0.79	0.81	0.79	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 22, 2019	0.10	0.10	0.10	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 22, 2019	0.64	0.64	0.64	100.0%
18840422	284	228	SHARP	13126500	6	Aug 22, 2019	0.10	0.10	0.10	100.0%
18840422	347	938	SHARP	13126500	6	Aug 22, 2019	3.32	3.32	3.32	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 22, 2019	0.08	0.08	0.08	100.0%
18840422	397	10	SHARP	13126500	6	Aug 22, 2019	0.08	0.08	0.08	100.0%
18840422	24	120	SHARP	13126500	6	Aug 22, 2019	0.06	0.06	0.06	100.0%
18840430	141	1365	BECK	13130525	4	Aug 22, 2019	1.06	1.48	1.06	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 22, 2019	0.22	0.22	0.22	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 22, 2019	0.77	0.79	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 22, 2019	1.23	1.26	1.23	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 22, 2019	0.40	0.41	0.40	100.0%
18840430	623	2234	BURNETT	13127750	5	Aug 22, 2019	0.40	0.41	0.40	100.0%
18840520	113	585	MOORE	13132050	4	Aug 22, 2019	0.10	0.14	0.10	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 22, 2019	0.01	0.01	0.01	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 22, 2019	0.04	0.06	0.04	100.0%
18840520	263	394	MOORE	13132050	4	Aug 22, 2019	0.22	0.31	0.22	100.0%
18840520	219	547	MOORE	13132050	4	Aug 22, 2019	1.15	1.60	1.15	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 22, 2019	0.18	0.25	0.18	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 22, 2019	1.15	1.60	1.15	100.0%
18840520	645	2056	MOORE	13132050	4	Aug 22, 2019	0.07	0.10	0.07	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 22, 2019	0.02	0.03	0.02	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 22, 2019	0.04	0.06	0.04	100.0%

18840520	2331	463	MOORE	13132050	4	Aug 22, 2019	2.24	3.13	2.24	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 22, 2019	1.39	1.94	1.39	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 22, 2019	0.70	0.98	0.70	100.0%
18840520	2550	510	MOORE	13132050	4	Aug 22, 2019	0.18	0.25	0.18	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 22, 2019	0.01	0.01	0.01	100.0%
18840520	2550	511	MOORE	13132050	4	Aug 22, 2019	1.10	1.53	1.10	100.0%
18840520	85	1584	MOORE	13132050	4	Aug 22, 2019	0.22	0.31	0.22	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 22, 2019	0.67	0.93	0.67	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 22, 2019	1.60	2.23	1.60	100.0%
18840520	180	470	MOORE	13132050	4	Aug 22, 2019	0.16	0.22	0.16	100.0%
18840520	427	1	MOORE	13132050	4	Aug 22, 2019	0.96	1.34	0.96	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 22, 2019	1.60	2.23	1.60	100.0%
18840520	340	816	MOORE	13132050	4	Aug 22, 2019	0.30	0.42	0.30	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 22, 2019	0.80	1.12	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Aug 22, 2019	0.42	0.43	0.42	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 22, 2019	0.72	0.74	0.72	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 22, 2019	1.12	1.56	1.12	100.0%
18840601	85	1544	MOORE	13132050	4	Aug 22, 2019	0.09	0.13	0.09	100.0%
18840601	15	131	MOORE	13132050	4	Aug 22, 2019	0.37	0.51	0.37	100.0%
18840601	85	1585	MOORE	13132050	4	Aug 22, 2019	0.08	0.11	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Aug 22, 2019	0.54	0.75	0.54	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 22, 2019	0.16	0.22	0.16	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 22, 2019	0.73	0.75	0.73	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 22, 2019	0.23	0.23	0.23	100.0%
18840601	623	2134	BURNETT	13127750	5	Aug 22, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Aug 22, 2019	0.27	0.27	0.27	100.0%
18840601	623	2182	BURNETT	13127750	5	Aug 22, 2019	0.40	0.41	0.40	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 22, 2019	0.37	0.38	0.37	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 22, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 22, 2019	0.40	0.40	0.40	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 22, 2019	0.76	1.06	0.76	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 22, 2019	1.20	1.67	1.20	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 22, 2019	1.20	1.67	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Aug 22, 2019	0.80	1.12	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Aug 22, 2019	0.80	1.12	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Aug 22, 2019	0.80	1.12	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 22, 2019	0.80	1.12	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 22, 2019	0.59	0.82	0.59	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 22, 2019	0.80	1.12	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 22, 2019	0.80	1.12	0.80	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 22, 2019	0.20	0.28	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 22, 2019	0.58	0.81	0.58	100.0%
18840831	533	421	MOORE	13132050	4	Aug 22, 2019	0.14	0.20	0.14	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 22, 2019	0.40	0.56	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 22, 2019	0.50	0.70	0.50	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Aug 22, 2019	0.40	0.56	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Aug 22, 2019	1.31	1.83	1.31	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Aug 22, 2019	0.44	0.61	0.44	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 22, 2019	2.94	4.10	2.94	100.0%
18840914	623	2135	BURNETT	13127750	5	Aug 22, 2019	0.31	0.32	0.31	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 22, 2019	0.40	0.41	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Aug 22, 2019	1.76	2.46	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Aug 22, 2019	0.58	0.81	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 22, 2019	0.89	1.24	0.89	100.0%
18841012	70	341	MOORE	13132050	4	Aug 22, 2019	0.31	0.43	0.31	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 22, 2019	0.81	0.83	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 22, 2019	2.77	2.83	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 22, 2019	0.74	0.76	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 22, 2019	3.30	3.37	3.30	100.0%
18841012	347	1974	SWAUGER	13127600	5	Aug 22, 2019	0.18	0.18	0.18	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 22, 2019	0.04	0.04	0.04	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 22, 2019	2.50	2.55	2.50	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 22, 2019	1.20	1.23	1.20	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 22, 2019	0.43	0.44	0.43	100.0%

18841012	347	1974	SHARP	13126500	6	Aug 22, 2019	0.88	0.88	0.88	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 22, 2019	1.65	1.69	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 22, 2019	2.00	2.04	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 22, 2019	0.61	0.62	0.61	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 22, 2019	1.10	1.12	1.10	100.0%
18850501	423	87	ARCO	13132365	2	Aug 22, 2019	0.20	1.26	0.20	100.0%
18850501	423	186	ARCO	13132365	2	Aug 22, 2019	0.26	1.64	0.26	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 22, 2019	0.24	0.33	0.24	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Aug 22, 2019	2.00	2.79	2.00	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 22, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 22, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Aug 22, 2019	0.20	0.28	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 22, 2019	0.04	0.06	0.04	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 22, 2019	0.20	0.28	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 22, 2019	0.30	0.42	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 22, 2019	0.56	0.78	0.56	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 22, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 22, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 22, 2019	0.19	0.19	0.19	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 22, 2019	1.37	1.40	1.37	100.0%
18850531	413	1353	MOORE	13132050	4	Aug 22, 2019	0.04	0.06	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 22, 2019	1.56	2.17	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Aug 22, 2019	3.20	4.46	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 22, 2019	2.00	2.04	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 22, 2019	3.20	3.27	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Aug 22, 2019	0.16	0.22	0.16	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 22, 2019	1.20	1.67	1.20	100.0%
18850601	15	859	MOORE	13132050	4	Aug 22, 2019	0.35	0.49	0.35	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Aug 22, 2019	0.40	0.41	0.40	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 22, 2019	2.60	2.66	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 22, 2019	1.54	1.57	1.54	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 22, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 22, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 22, 2019	3.08	3.15	3.08	100.0%
18851002	437	62	ARCO	13132365	2	Aug 22, 2019	1.54	9.73	1.54	100.0%
18851002	356	82	ARCO	13132365	2	Aug 22, 2019	2.76	17.44	2.76	100.0%
18851002	356	42	ARCO	13132365	2	Aug 22, 2019	4.50	28.44	4.50	100.0%
18851002	318	817	MUNSEY	13132375	2	Aug 22, 2019	0.80	5.06	0.80	100.0%
18851002	318	545	MUNSEY	13132375	2	Aug 22, 2019	0.75	4.74	0.75	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 22, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 22, 2019	2.80	3.91	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Aug 22, 2019	1.20	1.67	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 22, 2019	2.82	3.93	2.82	100.0%
18860512	85	1588	MOORE	13132050	4	Aug 22, 2019	0.18	0.25	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Aug 22, 2019	1.25	1.74	1.25	100.0%
18860601	16	1009	MOORE	13132050	4	Aug 22, 2019	2.52	3.52	2.52	100.0%
18860601	90	1377	MOORE	13132050	4	Aug 22, 2019	2.40	3.35	2.40	100.0%
18860601	470	1858	MOORE	13132050	4	Aug 22, 2019	0.09	0.13	0.09	100.0%
18860601	470	1323	MOORE	13132050	4	Aug 22, 2019	0.20	0.28	0.20	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Aug 22, 2019	1.24	1.73	1.24	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Aug 22, 2019	1.60	2.23	1.60	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 22, 2019	1.60	2.23	0.74	46.3%
18860630	604	1710	MOORE	13132050	4	Aug 22, 2019	0.04	0.06	0.04	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 22, 2019	0.80	0.82	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 22, 2019	1.82	1.86	1.82	100.0%
18860901	180	2	MUNSEY	13132375	2	Aug 22, 2019	0.84	5.31	0.28	33.8%
18860901	605	955	Stoecklein 1	13124173	8	Aug 22, 2019	3.20	3.20	3.20	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 22, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 22, 2019	0.80	0.80	0.80	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 22, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 22, 2019	0.43	0.43	0.43	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 22, 2019	1.60	1.60	1.60	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 22, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 22, 2019	0.30	0.30	0.30	100.0%

18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 22, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 22, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 22, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 22, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 22, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 22, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 22, 2019	0.74	0.74	0.74	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 22, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 22, 2019	2.98	2.98	2.98	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 22, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 22, 2019	3.20	3.20	3.20	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 22, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 22, 2019	0.18	0.18	0.18	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 22, 2019	2.00	2.00	2.00	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 22, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 22, 2019	2.74	2.74	2.74	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 22, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 22, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 22, 2019	6.40	6.40	6.40	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 22, 2019	0.80	0.80	0.80	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 22, 2019	0.07	0.07	0.07	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 22, 2019	3.00	3.00	3.00	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 22, 2019	3.00	3.00	3.00	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 22, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 22, 2019	3.20	3.20	3.20	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 22, 2019	0.13	0.13	0.13	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 22, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 22, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 22, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 22, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 22, 2019	0.62	0.62	0.62	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Aug 22, 2019	2.60	2.60	2.60	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 22, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 22, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 22, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 22, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 22, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 22, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Aug 22, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 22, 2019	0.13	0.13	0.13	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 22, 2019	0.30	0.30	0.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 22, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 22, 2019	0.65	0.65	0.65	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 22, 2019	0.40	0.40	0.40	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 22, 2019	1.30	1.30	1.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 22, 2019	0.10	0.10	0.10	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 22, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 22, 2019	0.40	0.40	0.40	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 22, 2019	0.30	0.30	0.30	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 22, 2019	0.10	0.10	0.10	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 22, 2019	0.28	0.28	0.28	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 22, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 22, 2019	1.37	1.37	1.37	100.0%
19080401	314	73	NEILSEN	13120805	9	Aug 22, 2019	2.04	2.04	2.04	100.0%
19090830	575	890	Broken River Pum	13124050	8	Aug 22, 2019	1.82	1.82	1.82	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 22, 2019	0.75	0.75	0.75	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 22, 2019	1.55	1.55	1.55	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 22, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 22, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 22, 2019	1.10	1.10	1.10	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 22, 2019	0.27	0.27	0.27	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 22, 2019	0.80	0.80	0.80	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 22, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 22, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 23, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		Aug 23	173.0	2.5	0.0	175.5	0.00	175.5	2.5	0.0	0.0	173.0	0.0	0.0
9	Howell to Chilly		Aug 23	0.0	70.9	0.0	-102.1	1.00	73.4	68.5	2.4	0.0	2.4	-2.4	0.0
8	Chilly to Reservoir	*	Aug 23	229.3	37.2	0.0	266.5	0.00	339.9	37.2	0.0	0.0	231.7	-2.4	0.0
	Disconnected														
7	Mackay Reservoir	*	Aug 23	422.0	0.0	0.0	229.3	0.00	229.3	0.0		0.0	229.3	192.7	0.0
6	Reservoir to 2B		Aug 23	416.0	6.0	0.0	0.0	0.00	229.3	5.3	0.7	0.0	224.0	192.0	0.0
5	2B to Leslie		Aug 23	285.0	124.5	0.0	-6.5	0.02	229.3	53.6	70.9	0.0	166.9	118.1	0.0
4	Leslie to Moore		Aug 23	80.0	127.1	0.0	-77.9	0.27	229.3	70.8	56.4	0.0	50.5	29.4	0.0
2	Moore to blw Munsey		Aug 23	0.7	55.5	39.1	-62.9	0.79	229.3	10.8	23.3	21.4	0.0	0.7	0.0
1	Blw Munsey to Arco		Aug 23	2.2	0.0	0.0	1.5	0.00	230.8	0.0	0.0	0.0	1.5	0.7	0.0
									TOTAL	248.7	153.7	21.4			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 23	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 23	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 23	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 23	0.0	0.0		18860601	19%
6	Reservoir to 2B	Aug 23	0.0	0.0		18860601	19%
5	2B to Leslie	Aug 23	3.5	3.0		18860601	19%
4	Leslie to Moore	Aug 23	45.6	32.3		18860601	19%
2	Moore to blw Munsey	Aug 23	39.7	23.1		18860601	19%
1	Blw Munsey to Arco	Aug 23	0.0	0.0		18860601	19%
		TOTAL	88.8	58.4	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
30360.0	29960.0	-400.0	-201.7	9.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-44627.2
Total Storage Deliver	-27443.3
Total Evaporation	-2180.6
Accounting Balance	29324.5
Current Res Content	29960.0
Storage Balance Error	-635.5

DAILY STORAGE BALANCE

30360.0	Reservoir Content Previous Day [ac-ft]
29960.0	Reservoir Content Current Day [ac-ft]
-400.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-117.2	Stored Flow Losses [ac-ft]
-3.0	2B to Leslie [cfs]
-32.3	Leslie to Moore [cfs]
-23.1	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-0.7	Past Arco Gage [cfs]
-295.2	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.7	Reservoir to 2B [cfs]
70.9	2B to Leslie [cfs]
56.4	Leslie to Moore [cfs]
20.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-17.8	Evaporation [ac-ft]
-430.2	Accounting Change in Storage [ac-ft]
-30.2	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

229.3	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
1.5	Gain in Reach 1: Munsey to Arco [cfs]
230.8	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
90.3	Natural Flow Losses below Reservoir [cfs]
3.5	2B to Leslie [cfs]
45.6	Leslie to Moore [cfs]
39.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1.5	Natural Flow Past Arco Gage [cfs]
140.5	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
5.3	Reservoir to 2B [cfs]
53.6	2B to Leslie [cfs]
70.8	Leslie to Moore [cfs]
10.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
230.8	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	15.4	770
Eastside Felton Wier +	7.9	395
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	2.3	115
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.2	960
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	62.4	3120
Groundwater to Arco	8.0	400
Groundwater to Munsey	31.1	1555

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	1.4	68
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.7	35
Island Felton Farms Delivery +	1.5	77
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	32.2	1610
Total Out	38.1	1905

Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.61

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)		
	Eastside Out + Eastside diversion below weirs ---------- Weirs + Groundwater Injection	= 61.1%
Step 2 - Groundwater at Eastside Out		
	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 23.9 cfs
Step 3 - River at Eastside Out		
	Eastside Out - Groundwater at Eastside Out	= 8.3 cfs
Step 4 - River at Weirs		
	River at Eastside Out ---------- Abbreviated Reach Delivery Factor	= 13.6 cfs
Step 5 - Upper Reach Delivery Factor		
	Weirs + Eastside Diversion Above Weirs ---------- Eastside In	= 163.1%
Step 6 - River at Eastside In		
	River at Weirs ---------- Upper Reach Delivery Factor	= 8.4 cfs
Step 7 - Canal at Eastside In		
	Eastside In - River at Eastside In	= 15.7 cfs
Step 8 - Canal Delivery Factor		
	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs ---------- Canal at Eastside	= 139.2%
Step 9 - Eastside River Delivery Factor		
	River at Eastside Out ---------- River at Eastside In	= 99.6%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 23, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	6.0	0.7	83.1
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	19.7	4.1	865.8
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	45.8	25.8	1855.4
9	NEILSEN	32.5	2.4	835.1	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	59.0	41.1	3553.6
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	38.4	0.0	6.4	8	Broken River Pum	4.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	6.8	2.2	1246.7
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.6	0.6	365.0
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	4.0	0.0	0.0	8	Freeman Ditch	2.6	0.0	2.8	4	MOORE	104.0	54.1	6387.6
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	15.7	0.9	8861.6
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	18.0	3.9	1577.1
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	37.5	17.0	1442.8
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	1.5	740.8	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.2	1698.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	2.3	179.3	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	54.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	1075.2	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	788.8	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 23, 2019	3.20	3.20	3.20	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 23, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 23, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 23, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Aug 23, 2019	3.00	3.00	3.00	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 23, 2019	1.48	2.07	1.48	100.0%
18830601	224	854	MOORE	13132050	4	Aug 23, 2019	3.10	4.33	3.10	100.0%
18830601	221	855	MOORE	13132050	4	Aug 23, 2019	1.52	2.12	1.52	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 23, 2019	0.27	0.38	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 23, 2019	0.79	1.10	0.79	100.0%
18830601	645	2057	MOORE	13132050	4	Aug 23, 2019	0.09	0.13	0.09	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 23, 2019	1.64	2.29	1.64	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 23, 2019	1.13	1.58	1.13	100.0%
18830810	263	393	MOORE	13132050	4	Aug 23, 2019	0.18	0.25	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	Aug 23, 2019	0.46	0.64	0.46	100.0%
18830810	85	1583	MOORE	13132050	4	Aug 23, 2019	0.18	0.25	0.18	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Aug 23, 2019	0.43	0.60	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Aug 23, 2019	0.21	0.30	0.21	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 23, 2019	0.21	0.30	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 23, 2019	1.64	2.29	1.64	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 23, 2019	1.62	1.65	1.62	100.0%
18840422	347	938	SWAUGER	13127600	5	Aug 23, 2019	0.64	0.65	0.64	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Aug 23, 2019	1.12	1.14	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 23, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2169	SWAUGER	13127600	5	Aug 23, 2019	0.02	0.02	0.02	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 23, 2019	0.20	0.20	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 23, 2019	1.44	1.46	1.44	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 23, 2019	0.14	0.14	0.14	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 23, 2019	1.63	1.66	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 23, 2019	0.55	0.56	0.55	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 23, 2019	2.17	2.20	2.17	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 23, 2019	0.79	0.80	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 23, 2019	0.21	0.21	0.21	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 23, 2019	1.92	1.95	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 23, 2019	2.00	2.03	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 23, 2019	0.50	0.51	0.50	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 23, 2019	0.10	0.10	0.10	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 23, 2019	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	Aug 23, 2019	3.36	3.36	3.36	100.0%
18840422	24	120	SHARP	13126500	6	Aug 23, 2019	0.06	0.06	0.06	100.0%
18840422	397	10	SHARP	13126500	6	Aug 23, 2019	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 23, 2019	0.64	0.64	0.64	100.0%
18840422	284	228	SHARP	13126500	6	Aug 23, 2019	0.10	0.10	0.10	100.0%
18840430	141	1365	BECK	13130525	4	Aug 23, 2019	1.06	1.48	1.06	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 23, 2019	0.42	0.43	0.42	100.0%
18840430	623	2234	BURNETT	13127750	5	Aug 23, 2019	0.40	0.41	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 23, 2019	0.77	0.78	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 23, 2019	1.23	1.25	1.23	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 23, 2019	0.40	0.41	0.40	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 23, 2019	1.15	1.61	1.15	100.0%
18840520	85	1584	MOORE	13132050	4	Aug 23, 2019	0.22	0.31	0.22	100.0%
18840520	340	816	MOORE	13132050	4	Aug 23, 2019	0.30	0.42	0.30	100.0%
18840520	219	547	MOORE	13132050	4	Aug 23, 2019	1.15	1.61	1.15	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 23, 2019	1.60	2.24	1.60	100.0%
18840520	427	1	MOORE	13132050	4	Aug 23, 2019	0.96	1.34	0.96	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 23, 2019	0.01	0.01	0.01	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 23, 2019	0.67	0.93	0.67	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 23, 2019	1.60	2.24	1.60	100.0%
18840520	113	585	MOORE	13132050	4	Aug 23, 2019	0.10	0.14	0.10	100.0%

18840520	2550	510	MOORE	13132050	4	Aug 23, 2019	0.18	0.25	0.18	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 23, 2019	1.39	1.94	1.39	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 23, 2019	0.70	0.98	0.70	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 23, 2019	0.04	0.06	0.04	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 23, 2019	2.24	3.13	2.24	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 23, 2019	0.02	0.03	0.02	100.0%
18840520	180	470	MOORE	13132050	4	Aug 23, 2019	0.16	0.22	0.16	100.0%
18840520	645	2056	MOORE	13132050	4	Aug 23, 2019	0.07	0.10	0.07	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 23, 2019	0.04	0.06	0.04	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 23, 2019	0.18	0.25	0.18	100.0%
18840520	2550	511	MOORE	13132050	4	Aug 23, 2019	1.10	1.54	1.10	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 23, 2019	0.01	0.01	0.01	100.0%
18840520	263	394	MOORE	13132050	4	Aug 23, 2019	0.22	0.31	0.22	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 23, 2019	0.80	1.12	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Aug 23, 2019	0.34	0.35	0.34	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 23, 2019	0.72	0.73	0.72	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 23, 2019	1.12	1.57	1.12	100.0%
18840601	85	1585	MOORE	13132050	4	Aug 23, 2019	0.08	0.11	0.08	100.0%
18840601	15	131	MOORE	13132050	4	Aug 23, 2019	0.37	0.51	0.37	100.0%
18840601	85	1544	MOORE	13132050	4	Aug 23, 2019	0.09	0.13	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	Aug 23, 2019	0.54	0.75	0.54	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 23, 2019	0.16	0.22	0.16	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 23, 2019	0.37	0.38	0.37	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 23, 2019	0.23	0.23	0.23	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 23, 2019	0.73	0.75	0.73	100.0%
18840601	623	2134	BURNETT	13127750	5	Aug 23, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Aug 23, 2019	0.27	0.27	0.27	100.0%
18840601	623	2182	BURNETT	13127750	5	Aug 23, 2019	0.40	0.41	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 23, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 23, 2019	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 23, 2019	1.20	1.68	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 23, 2019	0.80	1.12	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 23, 2019	1.20	1.68	1.20	100.0%
18840715	15	799	MOORE	13132050	4	Aug 23, 2019	0.80	1.12	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 23, 2019	0.76	1.06	0.76	100.0%
18840715	459	798	MOORE	13132050	4	Aug 23, 2019	0.80	1.12	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Aug 23, 2019	0.80	1.12	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 23, 2019	0.80	1.12	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 23, 2019	0.80	1.12	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 23, 2019	0.59	0.82	0.59	100.0%
18840831	533	421	MOORE	13132050	4	Aug 23, 2019	0.14	0.20	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 23, 2019	0.58	0.81	0.58	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 23, 2019	0.20	0.28	0.20	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 23, 2019	0.40	0.56	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Aug 23, 2019	0.44	0.62	0.44	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Aug 23, 2019	0.40	0.56	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Aug 23, 2019	1.31	1.83	1.31	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 23, 2019	0.50	0.70	0.50	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 23, 2019	2.94	4.11	2.94	100.0%
18840914	623	2135	BURNETT	13127750	5	Aug 23, 2019	0.40	0.41	0.40	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 23, 2019	0.40	0.41	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Aug 23, 2019	1.76	2.46	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Aug 23, 2019	0.31	0.43	0.31	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 23, 2019	0.89	1.24	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Aug 23, 2019	0.58	0.81	0.58	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 23, 2019	0.81	0.82	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 23, 2019	2.77	2.81	2.77	100.0%
18841012	347	1974	SWAUGER	13127600	5	Aug 23, 2019	0.17	0.17	0.17	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 23, 2019	1.20	1.22	1.20	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 23, 2019	0.43	0.44	0.43	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 23, 2019	3.30	3.35	3.30	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 23, 2019	0.74	0.75	0.74	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 23, 2019	0.04	0.04	0.04	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 23, 2019	2.36	2.40	2.36	100.0%

18841012	347	1974	SHARP	13126500	6	Aug 23, 2019	0.89	0.89	0.89	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 23, 2019	1.65	1.68	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 23, 2019	2.00	2.03	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 23, 2019	0.61	0.62	0.61	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 23, 2019	1.10	1.12	1.10	100.0%
18850501	423	87	ARCO	13132365	2	Aug 23, 2019	0.20	1.31	0.20	100.0%
18850501	423	186	ARCO	13132365	2	Aug 23, 2019	0.26	1.70	0.26	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Aug 23, 2019	2.00	2.80	2.00	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 23, 2019	0.24	0.34	0.24	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 23, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 23, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 23, 2019	0.20	0.28	0.20	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Aug 23, 2019	0.20	0.28	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 23, 2019	0.04	0.06	0.04	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 23, 2019	0.30	0.42	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 23, 2019	0.56	0.78	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 23, 2019	1.37	1.39	1.37	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 23, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 23, 2019	0.19	0.19	0.19	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 23, 2019	0.11	0.11	0.11	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 23, 2019	1.56	2.18	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Aug 23, 2019	0.04	0.06	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Aug 23, 2019	3.20	4.47	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 23, 2019	2.00	2.03	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 23, 2019	3.20	3.25	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Aug 23, 2019	0.16	0.22	0.16	100.0%
18850601	15	859	MOORE	13132050	4	Aug 23, 2019	0.35	0.49	0.35	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 23, 2019	1.20	1.68	1.20	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 23, 2019	2.60	2.64	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 23, 2019	1.54	1.56	1.54	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 23, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 23, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 23, 2019	3.08	3.13	3.08	100.0%
18851002	356	42	ARCO	13132365	2	Aug 23, 2019	4.50	29.42	4.50	100.0%
18851002	437	62	ARCO	13132365	2	Aug 23, 2019	1.54	10.07	1.54	100.0%
18851002	356	82	ARCO	13132365	2	Aug 23, 2019	2.76	18.04	2.76	100.0%
18851002	318	545	MUNSEY	13132375	2	Aug 23, 2019	0.75	4.90	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Aug 23, 2019	0.80	5.23	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 23, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 23, 2019	2.80	3.91	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Aug 23, 2019	1.20	1.68	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 23, 2019	2.82	3.94	2.82	100.0%
18860512	85	1588	MOORE	13132050	4	Aug 23, 2019	0.18	0.25	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Aug 23, 2019	1.25	1.75	1.25	100.0%
18860601	470	1858	MOORE	13132050	4	Aug 23, 2019	0.09	0.13	0.02	18.5%
18860601	470	1323	MOORE	13132050	4	Aug 23, 2019	0.20	0.28	0.04	18.5%
18860601	16	1009	MOORE	13132050	4	Aug 23, 2019	2.52	3.52	0.47	18.5%
18860601	90	1377	MOORE	13132050	4	Aug 23, 2019	2.40	3.36	0.44	18.5%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 23, 2019	1.60	2.24	0.30	18.5%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Aug 23, 2019	1.24	1.73	0.23	18.5%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Aug 23, 2019	1.60	2.24	0.30	18.5%
18860901	605	955	Stoecklein 1	13124173	8	Aug 23, 2019	3.20	3.20	3.20	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 23, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 23, 2019	0.80	0.80	0.80	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 23, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 23, 2019	0.20	0.20	0.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 23, 2019	1.60	1.60	1.60	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 23, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 23, 2019	0.65	0.65	0.65	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 23, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 23, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 23, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 23, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 23, 2019	2.00	2.00	2.00	100.0%

18921101	474	967	Upper Fish Hatch	13124160	8	Aug 23, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 23, 2019	0.74	0.74	0.74	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 23, 2019	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 23, 2019	2.98	2.98	2.98	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 23, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 23, 2019	3.20	3.20	3.20	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 23, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 23, 2019	0.02	0.02	0.02	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 23, 2019	2.00	2.00	2.00	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 23, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 23, 2019	2.74	2.74	2.74	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 23, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 23, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 23, 2019	6.40	6.40	6.40	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 23, 2019	3.00	3.00	3.00	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 23, 2019	0.13	0.13	0.13	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 23, 2019	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 23, 2019	0.80	0.80	0.80	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 23, 2019	0.07	0.07	0.07	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 23, 2019	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 23, 2019	3.00	3.00	3.00	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 23, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 23, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 23, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 23, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 23, 2019	0.62	0.62	0.62	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Aug 23, 2019	2.60	2.60	2.60	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 23, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 23, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 23, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 23, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 23, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 23, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Aug 23, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 23, 2019	0.13	0.13	0.13	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 23, 2019	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 23, 2019	0.30	0.30	0.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 23, 2019	0.10	0.10	0.10	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 23, 2019	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 23, 2019	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 23, 2019	1.30	1.30	1.30	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 23, 2019	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 23, 2019	0.10	0.10	0.10	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 23, 2019	0.58	0.58	0.58	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 23, 2019	0.30	0.30	0.30	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 23, 2019	0.28	0.28	0.28	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 23, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 23, 2019	1.37	1.37	1.37	100.0%
19080401	314	73	NEILSEN	13120805	9	Aug 23, 2019	2.04	2.04	2.04	100.0%
19090830	575	890	Broken River Pum	13124050	8	Aug 23, 2019	1.82	1.82	1.82	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 23, 2019	0.75	0.75	0.75	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 23, 2019	1.55	1.55	1.55	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 23, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 23, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 23, 2019	1.10	1.10	1.10	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 23, 2019	0.27	0.27	0.27	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 23, 2019	0.80	0.80	0.80	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 23, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 23, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 24, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		Aug 24	169.0	2.5	0.0	171.5	0.00	171.5	2.5	0.0	0.0	169.0	0.0	0.0
9	Howell to Chilly		Aug 24	0.0	76.7	0.0	-92.3	1.00	79.2	71.1	5.6	0.0	5.6	-5.6	0.0
8	Chilly to Reservoir	*	Aug 24	236.1	31.2	0.0	267.3	0.00	346.5	31.2	0.0	0.0	241.7	-5.6	0.0
	Disconnected														
7	Mackay Reservoir	*	Aug 24	417.4	0.0	0.0	236.1	0.00	236.1	0.0		0.0	236.1	181.3	0.0
6	Reservoir to 2B		Aug 24	411.0	6.4	0.0	0.0	0.00	236.1	5.4	1.0	0.0	230.7	180.3	0.0
5	2B to Leslie		Aug 24	282.0	124.4	0.0	-4.6	0.01	236.1	55.4	69.0	0.0	172.7	109.3	0.0
4	Leslie to Moore		Aug 24	73.6	131.8	0.0	-76.6	0.27	236.1	78.3	53.6	0.0	47.5	26.0	0.0
2	Moore to blw Munsey		Aug 24	0.9	55.5	39.1	-56.3	0.76	236.1	11.2	20.4	23.9	0.0	0.9	0.0
1	Blw Munsey to Arco		Aug 24	1.5	0.0	0.0	0.6	0.00	236.7	0.0	0.0	0.0	0.6	0.9	0.0
								TOTAL		255.1	149.6	23.9			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 24	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 24	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 24	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 24	0.0	0.0		18860901	43%
6	Reservoir to 2B	Aug 24	0.0	0.0		18860901	43%
5	2B to Leslie	Aug 24	2.6	2.0		18860901	43%
4	Leslie to Moore	Aug 24	46.9	29.7		18860901	43%
2	Moore to blw Munsey	Aug 24	36.3	19.9		18860901	43%
1	Blw Munsey to Arco	Aug 24	0.0	0.0		18860901	43%
		TOTAL	85.8	51.6	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
29960.0	29580.0	-380.0	-191.6	10.3

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-44731.3
Total Storage Deliver	-27728.9
Total Evaporation	-2200.9
Accounting Balance	28914.4
Current Res Content	29580.0
Storage Balance Error	-665.6

DAILY STORAGE BALANCE

29960.0	Reservoir Content Previous Day [ac-ft]
29580.0	Reservoir Content Current Day [ac-ft]
-380.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-104.1	Stored Flow Losses [ac-ft]
-2.0	2B to Leslie [cfs]
-29.7	Leslie to Moore [cfs]
-19.9	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-0.9	Past Arco Gage [cfs]
-278.9	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
1.0	Reservoir to 2B [cfs]
69.0	2B to Leslie [cfs]
53.6	Leslie to Moore [cfs]
17.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-20.3	Evaporation [ac-ft]
-403.3	Accounting Change in Storage [ac-ft]
-23.3	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

236.1	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.6	Gain in Reach 1: Munsey to Arco [cfs]
236.7	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
86.4	Natural Flow Losses below Reservoir [cfs]
2.6	2B to Leslie [cfs]
46.9	Leslie to Moore [cfs]
36.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.6	Natural Flow Past Arco Gage [cfs]
150.3	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
5.4	Reservoir to 2B [cfs]
55.4	2B to Leslie [cfs]
78.3	Leslie to Moore [cfs]
11.2	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
236.7	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	7.8	390
Eastside Felton Wier +	8.1	405
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	2.3	115
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.2	960
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	55.0	2750
Groundwater to Arco	8.0	400
Groundwater to Munsey	31.1	1555

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	2.3	115
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.7	35
Island Felton Farms Delivery +	1.5	77
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	1.9	95
Island Wanstrom David +	0.0	0
Eastside OUT	32.0	1600
Total Out	38.4	1922
Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.70	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 69.9%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 27.3 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 4.7 cfs
Step 4 - River at Weirs	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 6.7 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 149.8%
Step 6 - River at Eastside In	River at Weirs --- Upper Reach Delivery Factor	= 4.5 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 17.2 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 133.7%
Step 9 - Eastside River Delivery Factor	River at Eastside Out --- River at Eastside In	= 104.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 24, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	6.4	1.0	85.0
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	19.7	4.2	874.1
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	46.1	26.8	1908.5
9	NEILSEN	38.3	5.6	846.2	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	58.6	38.1	3629.1
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	38.4	0.0	6.4	8	Broken River Pum	0.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	7.0	2.3	1251.2
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.6	0.6	366.2
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	4.0	0.0	0.0	8	Freeman Ditch	2.6	0.0	2.8	4	MOORE	107.0	51.6	6490.0
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	17.2	0.4	8862.4
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	18.0	3.1	1583.4
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	37.5	13.8	1470.3
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	2.5	745.8	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.2	1774.2
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	2.3	188.4	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	54.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	1113.3	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	820.5	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 24, 2019	3.20	3.20	3.20	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 24, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 24, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 24, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Aug 24, 2019	3.00	3.00	3.00	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 24, 2019	0.79	1.10	0.79	100.0%
18830601	645	2057	MOORE	13132050	4	Aug 24, 2019	0.09	0.12	0.09	100.0%
18830601	224	854	MOORE	13132050	4	Aug 24, 2019	3.20	4.44	3.20	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 24, 2019	1.54	2.14	1.54	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 24, 2019	0.27	0.38	0.27	100.0%
18830601	221	855	MOORE	13132050	4	Aug 24, 2019	1.58	2.19	1.58	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 24, 2019	1.72	2.39	1.72	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 24, 2019	1.13	1.57	1.13	100.0%
18830810	85	1583	MOORE	13132050	4	Aug 24, 2019	0.18	0.25	0.18	100.0%
18830810	263	393	MOORE	13132050	4	Aug 24, 2019	0.18	0.25	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	Aug 24, 2019	0.48	0.67	0.48	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 24, 2019	0.21	0.29	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Aug 24, 2019	0.43	0.60	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Aug 24, 2019	0.21	0.29	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 24, 2019	1.64	2.28	1.64	100.0%
18840422	347	938	SWAUGER	13127600	5	Aug 24, 2019	0.61	0.61	0.61	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Aug 24, 2019	1.12	1.13	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 24, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 24, 2019	1.62	1.64	1.62	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 24, 2019	2.17	2.19	2.17	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 24, 2019	1.63	1.65	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 24, 2019	0.55	0.56	0.55	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 24, 2019	1.44	1.46	1.44	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 24, 2019	0.14	0.14	0.14	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 24, 2019	0.20	0.20	0.20	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 24, 2019	0.50	0.51	0.50	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 24, 2019	0.21	0.21	0.21	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 24, 2019	2.00	2.02	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 24, 2019	1.92	1.94	1.92	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 24, 2019	0.79	0.80	0.79	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 24, 2019	0.64	0.64	0.64	100.0%
18840422	284	228	SHARP	13126500	6	Aug 24, 2019	0.12	0.12	0.12	100.0%
18840422	397	10	SHARP	13126500	6	Aug 24, 2019	0.08	0.08	0.08	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 24, 2019	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	Aug 24, 2019	3.39	3.39	3.39	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 24, 2019	0.08	0.08	0.08	100.0%
18840422	24	120	SHARP	13126500	6	Aug 24, 2019	0.06	0.06	0.06	100.0%
18840430	141	1365	BECK	13130525	4	Aug 24, 2019	0.88	1.22	0.88	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 24, 2019	0.54	0.55	0.54	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 24, 2019	1.23	1.24	1.23	100.0%
18840430	623	2234	BURNETT	13127750	5	Aug 24, 2019	0.40	0.40	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 24, 2019	0.77	0.78	0.77	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 24, 2019	0.40	0.40	0.40	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 24, 2019	1.60	2.22	1.60	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 24, 2019	0.18	0.25	0.18	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 24, 2019	0.04	0.06	0.04	100.0%
18840520	85	1584	MOORE	13132050	4	Aug 24, 2019	0.22	0.31	0.22	100.0%
18840520	180	470	MOORE	13132050	4	Aug 24, 2019	0.16	0.22	0.16	100.0%
18840520	113	585	MOORE	13132050	4	Aug 24, 2019	0.10	0.14	0.10	100.0%
18840520	340	816	MOORE	13132050	4	Aug 24, 2019	0.32	0.44	0.32	100.0%
18840520	2550	511	MOORE	13132050	4	Aug 24, 2019	1.16	1.61	1.16	100.0%
18840520	263	394	MOORE	13132050	4	Aug 24, 2019	0.22	0.31	0.22	100.0%
18840520	219	547	MOORE	13132050	4	Aug 24, 2019	1.15	1.60	1.15	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 24, 2019	0.01	0.01	0.01	100.0%

18840520	2550	510	MOORE	13132050	4	Aug 24, 2019	0.18	0.25	0.18	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 24, 2019	0.71	0.98	0.71	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 24, 2019	0.02	0.03	0.02	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 24, 2019	1.60	2.22	1.60	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 24, 2019	0.04	0.06	0.04	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 24, 2019	1.15	1.60	1.15	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 24, 2019	0.01	0.01	0.01	100.0%
18840520	645	2056	MOORE	13132050	4	Aug 24, 2019	0.07	0.10	0.07	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 24, 2019	0.74	1.03	0.74	100.0%
18840520	427	1	MOORE	13132050	4	Aug 24, 2019	1.02	1.42	1.02	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 24, 2019	2.24	3.11	2.24	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 24, 2019	1.61	2.24	1.61	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 24, 2019	0.80	1.11	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Aug 24, 2019	0.32	0.32	0.32	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 24, 2019	0.72	0.73	0.72	100.0%
18840601	263	395	MOORE	13132050	4	Aug 24, 2019	0.02	0.03	0.02	100.0%
18840601	15	131	MOORE	13132050	4	Aug 24, 2019	0.37	0.51	0.37	100.0%
18840601	85	1585	MOORE	13132050	4	Aug 24, 2019	0.08	0.11	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 24, 2019	1.18	1.64	1.18	100.0%
18840601	85	1544	MOORE	13132050	4	Aug 24, 2019	0.09	0.12	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	Aug 24, 2019	0.54	0.75	0.54	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 24, 2019	0.16	0.22	0.16	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 24, 2019	0.37	0.37	0.37	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 24, 2019	0.23	0.23	0.23	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 24, 2019	0.50	0.51	0.50	100.0%
18840601	623	2134	BURNETT	13127750	5	Aug 24, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Aug 24, 2019	0.27	0.27	0.27	100.0%
18840601	623	2182	BURNETT	13127750	5	Aug 24, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 24, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 24, 2019	0.40	0.40	0.40	100.0%
18840715	459	798	MOORE	13132050	4	Aug 24, 2019	0.80	1.11	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 24, 2019	1.20	1.67	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 24, 2019	1.20	1.67	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 24, 2019	0.80	1.11	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Aug 24, 2019	0.80	1.11	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 24, 2019	0.80	1.11	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Aug 24, 2019	0.80	1.11	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 24, 2019	0.67	0.93	0.67	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 24, 2019	0.80	1.11	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 24, 2019	0.80	1.11	0.80	100.0%
18840831	533	421	MOORE	13132050	4	Aug 24, 2019	0.14	0.19	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 24, 2019	0.58	0.81	0.58	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 24, 2019	0.20	0.28	0.20	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Aug 24, 2019	1.31	1.82	1.31	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Aug 24, 2019	0.44	0.61	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 24, 2019	0.40	0.56	0.40	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 24, 2019	0.50	0.69	0.50	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Aug 24, 2019	0.40	0.56	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 24, 2019	3.08	4.28	3.08	100.0%
18840914	623	2135	BURNETT	13127750	5	Aug 24, 2019	0.40	0.40	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Aug 24, 2019	1.76	2.44	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 24, 2019	0.89	1.24	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Aug 24, 2019	0.58	0.81	0.58	100.0%
18841012	70	341	MOORE	13132050	4	Aug 24, 2019	0.31	0.43	0.31	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 24, 2019	3.30	3.34	3.30	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 24, 2019	0.74	0.75	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 24, 2019	2.77	2.80	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 24, 2019	0.81	0.82	0.81	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 24, 2019	1.20	1.21	1.20	100.0%
18841012	347	1974	SWAUGER	13127600	5	Aug 24, 2019	0.16	0.16	0.16	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 24, 2019	0.42	0.42	0.42	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 24, 2019	0.04	0.04	0.04	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 24, 2019	2.34	2.37	2.34	100.0%
18841012	347	1974	SHARP	13126500	6	Aug 24, 2019	0.90	0.90	0.90	100.0%

18850218	411	805	DARLINGTON	13127735	5	Aug 24, 2019	1.65	1.67	1.65	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 24, 2019	1.10	1.11	1.10	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 24, 2019	2.00	2.02	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 24, 2019	0.61	0.62	0.61	100.0%
18850501	423	87	ARCO	13132365	2	Aug 24, 2019	0.20	1.18	0.20	100.0%
18850501	423	186	ARCO	13132365	2	Aug 24, 2019	0.26	1.54	0.26	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 24, 2019	0.24	0.33	0.24	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Aug 24, 2019	2.00	2.78	2.00	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 24, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 24, 2019	0.50	0.50	0.50	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 24, 2019	0.04	0.06	0.04	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Aug 24, 2019	0.20	0.28	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 24, 2019	0.20	0.28	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 24, 2019	0.30	0.42	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 24, 2019	0.56	0.78	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 24, 2019	0.19	0.19	0.19	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 24, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 24, 2019	0.11	0.11	0.11	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 24, 2019	1.37	1.39	1.37	100.0%
18850531	413	1353	MOORE	13132050	4	Aug 24, 2019	0.04	0.06	0.04	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 24, 2019	1.56	2.16	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Aug 24, 2019	3.20	4.44	3.20	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 24, 2019	3.20	3.24	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 24, 2019	2.00	2.02	2.00	100.0%
18850601	205	2064	BECK	13130525	4	Aug 24, 2019	0.44	0.61	0.44	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 24, 2019	1.20	1.67	1.20	100.0%
18850601	15	859	MOORE	13132050	4	Aug 24, 2019	0.41	0.57	0.41	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 24, 2019	1.92	1.94	1.92	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 24, 2019	1.54	1.56	1.54	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 24, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 24, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 24, 2019	3.08	3.11	3.08	100.0%
18851002	437	62	ARCO	13132365	2	Aug 24, 2019	1.54	9.09	1.54	100.0%
18851002	356	82	ARCO	13132365	2	Aug 24, 2019	2.76	16.30	2.76	100.0%
18851002	356	42	ARCO	13132365	2	Aug 24, 2019	4.50	26.57	4.50	100.0%
18851002	318	817	MUNSEY	13132375	2	Aug 24, 2019	0.80	4.72	0.80	100.0%
18851002	318	545	MUNSEY	13132375	2	Aug 24, 2019	0.75	4.43	0.75	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 24, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	Aug 24, 2019	1.20	1.67	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 24, 2019	2.80	3.89	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 24, 2019	2.82	3.92	2.82	100.0%
18860512	85	1588	MOORE	13132050	4	Aug 24, 2019	0.18	0.25	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Aug 24, 2019	1.25	1.74	1.25	100.0%
18860601	470	1858	MOORE	13132050	4	Aug 24, 2019	0.09	0.12	0.09	100.0%
18860601	90	1377	MOORE	13132050	4	Aug 24, 2019	2.40	3.33	2.40	100.0%
18860601	470	1323	MOORE	13132050	4	Aug 24, 2019	0.20	0.28	0.20	100.0%
18860601	16	1009	MOORE	13132050	4	Aug 24, 2019	2.52	3.50	2.52	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 24, 2019	1.60	2.22	1.60	100.0%
18860601	306	851	UPPER EASTSIDE &	13132101	4	Aug 24, 2019	1.60	2.22	1.20	75.0%
18860630	604	1710	MOORE	13132050	4	Aug 24, 2019	0.04	0.06	0.04	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 24, 2019	0.80	0.81	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 24, 2019	2.32	2.35	2.32	100.0%
18860901	180	2	MUNSEY	13132375	2	Aug 24, 2019	0.84	4.96	0.37	43.5%
18860901	605	955	Stoecklein 1	13124173	8	Aug 24, 2019	3.20	3.20	3.20	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 24, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 24, 2019	0.80	0.80	0.80	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 24, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 24, 2019	0.43	0.43	0.43	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 24, 2019	1.60	1.60	1.60	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 24, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 24, 2019	0.65	0.65	0.65	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 24, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 24, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 24, 2019	3.00	3.00	3.00	100.0%

18910801	307	77	CHILLY	13121105	9	Aug 24, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 24, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 24, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 24, 2019	0.74	0.74	0.74	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 24, 2019	2.60	2.60	2.60	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 24, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 24, 2019	3.20	3.20	3.20	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 24, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 24, 2019	0.18	0.18	0.18	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 24, 2019	2.00	2.00	2.00	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 24, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 24, 2019	2.74	2.74	2.74	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 24, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 24, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 24, 2019	6.40	6.40	6.40	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 24, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 24, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 24, 2019	3.00	3.00	3.00	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 24, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 24, 2019	3.00	3.00	3.00	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 24, 2019	0.13	0.13	0.13	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 24, 2019	3.20	3.20	3.20	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 24, 2019	0.07	0.07	0.07	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 24, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 24, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 24, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 24, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 24, 2019	0.62	0.62	0.62	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Aug 24, 2019	2.60	2.60	2.60	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 24, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 24, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 24, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 24, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 24, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 24, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 24, 2019	0.13	0.13	0.13	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 24, 2019	0.40	0.40	0.40	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 24, 2019	0.10	0.10	0.10	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 24, 2019	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 24, 2019	1.30	1.30	1.30	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 24, 2019	0.30	0.30	0.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 24, 2019	0.82	0.82	0.82	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 24, 2019	0.10	0.10	0.10	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 24, 2019	0.30	0.30	0.30	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 24, 2019	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 24, 2019	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 24, 2019	0.28	0.28	0.28	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 24, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 24, 2019	1.37	1.37	1.37	100.0%
19080401	314	73	NEILSEN	13120805	9	Aug 24, 2019	2.04	2.04	2.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 24, 2019	0.75	0.75	0.75	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 24, 2019	1.55	1.55	1.55	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 24, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 24, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 24, 2019	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 24, 2019	0.30	0.30	0.30	100.0%
19121014	403	1197	NEILSEN	13120805	9	Aug 24, 2019	0.20	0.20	0.20	100.0%
19131224	373	25	CHILLY	13121105	9	Aug 24, 2019	0.27	0.27	0.27	100.0%
19140601	445	412	NEILSEN	13120805	9	Aug 24, 2019	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Aug 24, 2019	0.02	0.02	0.02	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 24, 2019	0.80	0.80	0.80	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 24, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 24, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 25, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		Aug 25	165.0	2.5	0.0	167.5	0.00	167.5	2.5	0.0	0.0	165.0	0.0	0.0
9	Howell to Chilly		Aug 25	0.0	76.7	0.0	-88.3	1.00	79.2	71.1	5.6	0.0	5.6	-5.6	0.0
8	Chilly to Reservoir	*	Aug 25	247.1	31.2	0.0	278.3	0.00	357.5	31.2	0.0	0.0	252.6	-5.6	0.0
	Disconnected														
7	Mackay Reservoir	*	Aug 25	414.4	0.0	0.0	247.1	0.00	247.1	0.0		0.0	247.1	167.3	0.0
6	Reservoir to 2B		Aug 25	409.0	5.4	0.0	0.0	0.00	247.1	5.2	0.2	0.0	241.8	167.2	0.0
5	2B to Leslie		Aug 25	278.0	122.7	0.0	-8.3	0.02	247.1	59.3	63.4	0.0	177.6	100.4	0.0
4	Leslie to Moore		Aug 25	66.6	139.1	0.0	-72.3	0.26	247.1	83.8	55.3	0.0	47.6	19.0	0.0
2	Moore to blw Munsey		Aug 25	0.7	53.9	39.1	-51.1	0.77	247.1	11.1	20.2	22.6	0.0	0.7	0.0
1	Blw Munsey to Arco		Aug 25	1.7	0.0	0.0	1.0	0.00	248.0	0.0	0.0	0.0	1.0	0.7	0.0
									TOTAL	264.3	144.7	22.6			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 25	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 25	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 25	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 25	0.0	0.0		18870313	75%
6	Reservoir to 2B	Aug 25	0.0	0.0		18870313	75%
5	2B to Leslie	Aug 25	4.9	3.4		18870313	75%
4	Leslie to Moore	Aug 25	46.2	26.1		18870313	75%
2	Moore to blw Munsey	Aug 25	36.5	14.6		18870313	75%
1	Blw Munsey to Arco	Aug 25	0.0	0.0		18870313	75%
		TOTAL	87.6	44.1	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
29580.0	29220.0	-360.0	-181.5	14.1

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-44820.2
Total Storage Deliver	-28004.8
Total Evaporation	-2229.0
Accounting Balance	28521.6
Current Res Content	29220.0
Storage Balance Error	-698.4

DAILY STORAGE BALANCE

29580.0	Reservoir Content Previous Day [ac-ft]
29220.0	Reservoir Content Current Day [ac-ft]
-360.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-88.9	Stored Flow Losses [ac-ft]
-3.4	2B to Leslie [cfs]
-26.1	Leslie to Moore [cfs]
-14.6	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-0.7	Past Arco Gage [cfs]
-263.4	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.2	Reservoir to 2B [cfs]
63.4	2B to Leslie [cfs]
55.3	Leslie to Moore [cfs]
13.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-28.1	Evaporation [ac-ft]
-380.4	Accounting Change in Storage [ac-ft]
-20.4	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

247.1	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
1.0	Gain in Reach 1: Munsey to Arco [cfs]
248.1	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
88.6	Natural Flow Losses below Reservoir [cfs]
4.9	2B to Leslie [cfs]
46.2	Leslie to Moore [cfs]
36.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1.0	Natural Flow Past Arco Gage [cfs]
159.4	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
5.2	Reservoir to 2B [cfs]
59.3	2B to Leslie [cfs]
83.8	Leslie to Moore [cfs]
11.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
248.0	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	7.5	375
Eastside Felton Wier +	7.4	370
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	2.3	115
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.2	960
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	54.0	2700
Groundwater to Arco	8.0	400
Groundwater to Munsey	31.1	1555

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.5	225
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.7	35
Island Felton Farms Delivery +	1.5	77
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	1.3	66
Island Wanstrom David +	0.0	0
Eastside OUT	31.9	1595
Total Out	40.0	1998

Abbreviated Reach Delivery Factor | 0.74
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 74.0%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 28.9 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 3.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 4.0 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 128.6%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 3.1 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 23.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 116.5%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 95.1%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 25, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	5.4	0.2	85.4
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	18.6	3.2	880.5
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	45.9	27.0	1962.1
9	NEILSEN	38.3	5.6	857.2	8	Smith Pumps	3.0	0.0	6.0	5	BURNETT	58.2	33.1	3694.8
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	38.4	0.0	6.4	8	Broken River Pum	0.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	8.0	3.1	1257.3
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.6	0.6	367.3
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	4.0	0.0	0.0	8	Freeman Ditch	2.6	0.0	2.8	4	MOORE	107.0	50.6	6590.5
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	23.5	2.3	8866.9
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	16.4	1.8	1586.9
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	37.5	12.1	1494.2
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	2.5	750.8	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.2	1850.4
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	2.3	197.6	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	54.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	1151.4	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	852.3	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 25, 2019	3.20	3.20	3.20	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 25, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 25, 2019	0.59	0.59	0.59	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 25, 2019	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Aug 25, 2019	3.00	3.00	3.00	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 25, 2019	1.54	2.12	1.54	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 25, 2019	0.79	1.09	0.79	100.0%
18830601	645	2057	MOORE	13132050	4	Aug 25, 2019	0.09	0.12	0.09	100.0%
18830601	221	855	MOORE	13132050	4	Aug 25, 2019	1.58	2.18	1.58	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 25, 2019	0.27	0.38	0.27	100.0%
18830601	224	854	MOORE	13132050	4	Aug 25, 2019	3.20	4.41	3.20	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 25, 2019	1.72	2.37	1.72	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 25, 2019	1.13	1.56	1.13	100.0%
18830810	2332	1088	MOORE	13132050	4	Aug 25, 2019	0.48	0.66	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Aug 25, 2019	0.18	0.25	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	Aug 25, 2019	0.18	0.25	0.18	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Aug 25, 2019	0.21	0.29	0.21	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 25, 2019	0.21	0.29	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Aug 25, 2019	0.43	0.59	0.43	100.0%
18840422	236	30	BECK	13130525	4	Aug 25, 2019	1.64	2.26	1.64	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 25, 2019	1.56	1.59	1.56	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Aug 25, 2019	1.12	1.14	1.12	100.0%
18840422	347	938	SWAUGER	13127600	5	Aug 25, 2019	0.68	0.69	0.68	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 25, 2019	0.07	0.07	0.07	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 25, 2019	1.40	1.43	1.40	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 25, 2019	2.17	2.21	2.17	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 25, 2019	0.96	0.98	0.96	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Aug 25, 2019	0.20	0.20	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 25, 2019	1.44	1.47	1.44	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 25, 2019	0.50	0.51	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 25, 2019	1.92	1.96	1.92	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 25, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 25, 2019	0.79	0.81	0.79	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 25, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Aug 25, 2019	0.10	0.10	0.10	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 25, 2019	0.62	0.62	0.62	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 25, 2019	0.10	0.10	0.10	100.0%
18840422	24	120	SHARP	13126500	6	Aug 25, 2019	0.04	0.04	0.04	100.0%
18840422	347	938	SHARP	13126500	6	Aug 25, 2019	3.32	3.32	3.32	100.0%
18840422	397	10	SHARP	13126500	6	Aug 25, 2019	0.08	0.08	0.08	100.0%
18840430	141	1365	BECK	13130525	4	Aug 25, 2019	0.96	1.32	0.96	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 25, 2019	0.80	0.82	0.80	100.0%
18840430	623	2234	BURNETT	13127750	5	Aug 25, 2019	0.40	0.41	0.40	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 25, 2019	1.23	1.26	1.23	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 25, 2019	0.40	0.41	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 25, 2019	0.77	0.79	0.77	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 25, 2019	1.15	1.59	1.15	100.0%
18840520	427	1	MOORE	13132050	4	Aug 25, 2019	1.02	1.41	1.02	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 25, 2019	1.60	2.21	1.60	100.0%
18840520	180	470	MOORE	13132050	4	Aug 25, 2019	0.16	0.22	0.16	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 25, 2019	0.01	0.01	0.01	100.0%
18840520	645	2056	MOORE	13132050	4	Aug 25, 2019	0.07	0.10	0.07	100.0%
18840520	113	585	MOORE	13132050	4	Aug 25, 2019	0.10	0.14	0.10	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 25, 2019	1.60	2.21	1.60	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 25, 2019	0.18	0.25	0.18	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 25, 2019	0.74	1.02	0.74	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 25, 2019	0.04	0.06	0.04	100.0%
18840520	85	1584	MOORE	13132050	4	Aug 25, 2019	0.22	0.30	0.22	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 25, 2019	0.04	0.06	0.04	100.0%

18840520	2331	463	MOORE	13132050	4	Aug 25, 2019	2.24	3.09	2.24	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 25, 2019	0.01	0.01	0.01	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 25, 2019	1.61	2.22	1.61	100.0%
18840520	2550	510	MOORE	13132050	4	Aug 25, 2019	0.18	0.25	0.18	100.0%
18840520	219	547	MOORE	13132050	4	Aug 25, 2019	1.15	1.59	1.15	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 25, 2019	0.71	0.98	0.71	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 25, 2019	0.02	0.03	0.02	100.0%
18840520	263	394	MOORE	13132050	4	Aug 25, 2019	0.22	0.30	0.22	100.0%
18840520	340	816	MOORE	13132050	4	Aug 25, 2019	0.32	0.44	0.32	100.0%
18840520	2550	511	MOORE	13132050	4	Aug 25, 2019	1.16	1.60	1.16	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 25, 2019	0.80	1.10	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Aug 25, 2019	0.26	0.27	0.26	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 25, 2019	1.18	1.63	1.18	100.0%
18840601	85	1585	MOORE	13132050	4	Aug 25, 2019	0.08	0.11	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Aug 25, 2019	0.09	0.12	0.09	100.0%
18840601	263	395	MOORE	13132050	4	Aug 25, 2019	0.02	0.03	0.02	100.0%
18840601	15	131	MOORE	13132050	4	Aug 25, 2019	0.37	0.51	0.37	100.0%
18840601	85	1545	MOORE	13132050	4	Aug 25, 2019	0.54	0.74	0.54	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 25, 2019	0.16	0.22	0.16	100.0%
18840601	73	2027	BURNETT	13127750	5	Aug 25, 2019	0.23	0.23	0.23	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 25, 2019	0.73	0.75	0.73	100.0%
18840601	623	2134	BURNETT	13127750	5	Aug 25, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Aug 25, 2019	0.27	0.27	0.27	100.0%
18840601	623	2182	BURNETT	13127750	5	Aug 25, 2019	0.40	0.41	0.40	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 25, 2019	0.37	0.38	0.37	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 25, 2019	0.80	0.82	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 25, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 25, 2019	0.80	0.80	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Aug 25, 2019	0.80	1.10	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Aug 25, 2019	0.80	1.10	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 25, 2019	1.20	1.66	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 25, 2019	1.20	1.66	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 25, 2019	0.80	1.10	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 25, 2019	0.80	1.10	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Aug 25, 2019	0.80	1.10	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 25, 2019	0.67	0.92	0.67	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 25, 2019	0.80	1.10	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 25, 2019	0.80	1.10	0.80	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 25, 2019	0.20	0.28	0.20	100.0%
18840831	533	421	MOORE	13132050	4	Aug 25, 2019	0.14	0.19	0.14	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 25, 2019	0.58	0.80	0.58	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Aug 25, 2019	1.31	1.81	1.31	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Aug 25, 2019	0.44	0.61	0.44	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 25, 2019	0.50	0.69	0.50	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Aug 25, 2019	0.40	0.55	0.40	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 25, 2019	0.40	0.55	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 25, 2019	3.08	4.25	3.08	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 25, 2019	0.40	0.41	0.40	100.0%
18840914	623	2135	BURNETT	13127750	5	Aug 25, 2019	0.40	0.41	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Aug 25, 2019	1.76	2.43	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 25, 2019	0.89	1.23	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Aug 25, 2019	0.58	0.80	0.58	100.0%
18841012	70	341	MOORE	13132050	4	Aug 25, 2019	0.31	0.43	0.31	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 25, 2019	3.30	3.37	3.30	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 25, 2019	0.04	0.04	0.04	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 25, 2019	0.40	0.41	0.40	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 25, 2019	2.24	2.29	2.24	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 25, 2019	1.20	1.22	1.20	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 25, 2019	0.74	0.76	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 25, 2019	2.77	2.83	2.77	100.0%
18841012	347	1974	SWAUGER	13127600	5	Aug 25, 2019	0.18	0.18	0.18	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 25, 2019	0.81	0.83	0.81	100.0%
18841012	347	1974	SHARP	13126500	6	Aug 25, 2019	0.88	0.88	0.88	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 25, 2019	2.00	2.04	2.00	100.0%

18850218	252	351	DARLINGTON	13127735	5	Aug 25, 2019	0.61	0.62	0.61	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 25, 2019	0.79	0.81	0.79	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 25, 2019	0.96	0.98	0.96	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 25, 2019	1.65	1.68	1.65	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Aug 25, 2019	2.00	2.76	2.00	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 25, 2019	0.24	0.33	0.24	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 25, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 25, 2019	2.80	2.80	2.80	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 25, 2019	0.04	0.06	0.04	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 25, 2019	0.20	0.28	0.20	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Aug 25, 2019	0.20	0.28	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 25, 2019	0.30	0.41	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 25, 2019	0.56	0.77	0.56	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 25, 2019	0.19	0.19	0.19	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 25, 2019	0.01	0.01	0.01	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 25, 2019	0.11	0.11	0.11	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 25, 2019	1.37	1.40	1.37	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 25, 2019	1.56	2.15	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Aug 25, 2019	0.04	0.06	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Aug 25, 2019	3.20	4.41	3.20	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 25, 2019	3.20	3.27	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Aug 25, 2019	0.59	0.81	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 25, 2019	1.20	1.66	1.20	100.0%
18850601	15	859	MOORE	13132050	4	Aug 25, 2019	0.41	0.57	0.41	100.0%
18850601	139	728	DARLINGTON	13127735	5	Aug 25, 2019	1.80	1.84	1.80	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Aug 25, 2019	0.40	0.41	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 25, 2019	1.54	1.57	1.54	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 25, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 25, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 25, 2019	3.08	3.14	3.08	100.0%
18851002	356	82	ARCO	13132365	2	Aug 25, 2019	2.64	15.65	2.64	100.0%
18851002	356	42	ARCO	13132365	2	Aug 25, 2019	4.50	26.68	4.50	100.0%
18851002	437	62	ARCO	13132365	2	Aug 25, 2019	1.54	9.13	1.54	100.0%
18851002	318	817	MUNSEY	13132375	2	Aug 25, 2019	0.80	4.74	0.80	100.0%
18851002	318	545	MUNSEY	13132375	2	Aug 25, 2019	0.75	4.45	0.75	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 25, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	Aug 25, 2019	1.20	1.66	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 25, 2019	2.80	3.86	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 25, 2019	5.76	7.95	5.51	95.7%
18860512	85	1588	MOORE	13132050	4	Aug 25, 2019	0.18	0.25	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Aug 25, 2019	1.53	2.11	1.53	100.0%
18860601	470	1323	MOORE	13132050	4	Aug 25, 2019	0.20	0.28	0.20	100.0%
18860601	16	1009	MOORE	13132050	4	Aug 25, 2019	2.52	3.48	2.52	100.0%
18860601	470	1858	MOORE	13132050	4	Aug 25, 2019	0.09	0.12	0.09	100.0%
18860601	90	1377	MOORE	13132050	4	Aug 25, 2019	2.40	3.31	2.40	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 25, 2019	1.60	2.21	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Aug 25, 2019	1.24	1.71	1.24	100.0%
18860630	604	1710	MOORE	13132050	4	Aug 25, 2019	0.04	0.06	0.04	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Aug 25, 2019	1.34	1.85	1.34	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 25, 2019	1.31	1.34	1.31	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 25, 2019	3.20	3.27	3.20	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 25, 2019	0.80	0.82	0.80	100.0%
18860901	180	2	MUNSEY	13132375	2	Aug 25, 2019	0.84	4.98	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 25, 2019	3.20	3.20	3.20	100.0%
18860914	490	1795	BURNETT	13127750	5	Aug 25, 2019	1.26	1.29	1.26	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 25, 2019	0.34	0.35	0.34	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 25, 2019	2.31	2.36	2.31	100.0%
18870313	70	337	MOORE	13132050	4	Aug 25, 2019	0.23	0.32	0.17	74.6%
18870313	459	682	MOORE	13132050	4	Aug 25, 2019	0.65	0.90	0.48	74.6%
18870313	459	338	MOORE	13132050	4	Aug 25, 2019	0.42	0.58	0.31	74.6%
18870313	73	2028	BURNETT	13127750	5	Aug 25, 2019	0.06	0.06	0.04	74.6%
18870401	403	1058	NEILSEN	13120805	9	Aug 25, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 25, 2019	0.80	0.80	0.80	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 25, 2019	0.20	0.20	0.20	100.0%

18880401	2329	1733	NEILSEN	13120805	9	Aug 25, 2019	0.43	0.43	0.43	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 25, 2019	1.60	1.60	1.60	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 25, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 25, 2019	0.30	0.30	0.30	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 25, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 25, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 25, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 25, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 25, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 25, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 25, 2019	0.74	0.74	0.74	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 25, 2019	2.60	2.60	2.60	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 25, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 25, 2019	3.20	3.20	3.20	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 25, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 25, 2019	0.02	0.02	0.02	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 25, 2019	2.00	2.00	2.00	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 25, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 25, 2019	2.74	2.74	2.74	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 25, 2019	0.21	0.21	0.21	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 25, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 25, 2019	6.40	6.40	6.40	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 25, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 25, 2019	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Aug 25, 2019	3.00	3.00	3.00	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 25, 2019	3.20	3.20	3.20	100.0%
19020301	60	624	CHILLY	13121105	9	Aug 25, 2019	0.13	0.13	0.13	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 25, 2019	3.00	3.00	3.00	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 25, 2019	0.80	0.80	0.80	100.0%
19020301	60	627	CHILLY	13121105	9	Aug 25, 2019	0.07	0.07	0.07	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 25, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 25, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 25, 2019	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 25, 2019	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 25, 2019	0.62	0.62	0.62	100.0%
19020601	154	2157	Freeman Ditch	13124165	8	Aug 25, 2019	2.60	2.60	2.60	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 25, 2019	1.08	1.08	1.08	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 25, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 25, 2019	1.60	1.60	1.60	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 25, 2019	1.60	1.60	1.60	100.0%
19040601	232	2221	NEILSEN	13120805	9	Aug 25, 2019	0.15	0.15	0.15	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 25, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 25, 2019	0.13	0.13	0.13	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 25, 2019	0.10	0.10	0.10	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 25, 2019	0.65	0.65	0.65	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 25, 2019	0.40	0.40	0.40	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 25, 2019	1.30	1.30	1.30	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 25, 2019	0.30	0.30	0.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 25, 2019	0.82	0.82	0.82	100.0%
19050501	364	690	CHILLY	13121105	9	Aug 25, 2019	0.10	0.10	0.10	100.0%
19050501	373	432	CHILLY	13121105	9	Aug 25, 2019	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Aug 25, 2019	0.40	0.40	0.40	100.0%
19050501	310	115	CHILLY	13121105	9	Aug 25, 2019	0.30	0.30	0.30	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 25, 2019	0.28	0.28	0.28	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 25, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 25, 2019	1.37	1.37	1.37	100.0%
19080401	314	73	NEILSEN	13120805	9	Aug 25, 2019	2.04	2.04	2.04	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 25, 2019	0.75	0.75	0.75	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 25, 2019	1.55	1.55	1.55	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 25, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 25, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 25, 2019	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Aug 25, 2019	0.20	0.20	0.20	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 25, 2019	0.30	0.30	0.30	100.0%

19131224	373	25	CHILLY	13121105	9	Aug 25, 2019	0.27	0.27	0.27	100.0%
19140601	154	2163	NEILSEN	13120805	9	Aug 25, 2019	0.80	0.80	0.80	100.0%
19140601	445	413	NEILSEN	13120805	9	Aug 25, 2019	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Aug 25, 2019	0.18	0.18	0.18	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 25, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 25, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 26, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		Aug 26	162.0	2.5	0.0	164.5	0.00	164.5	2.5	0.0	0.0	162.0	0.0	0.0
9	Howell to Chilly		Aug 26	0.0	68.7	0.0	-93.3	1.00	71.2	67.2	1.4	0.0	1.4	-1.4	0.0
8	Chilly to Reservoir	*	Aug 26	216.1	25.1	0.0	241.2	0.00	312.4	25.1	0.0	0.0	217.5	-1.4	0.0
	Disconnected														
7	Mackay Reservoir	*	Aug 26	418.7	0.0	0.0	216.1	0.00	216.1	0.0		0.0	216.1	202.6	0.0
6	Reservoir to 2B		Aug 26	413.0	5.7	0.0	0.0	0.00	216.1	5.3	0.4	0.0	210.8	202.2	0.0
5	2B to Leslie		Aug 26	284.0	112.7	0.0	-16.3	0.04	216.1	50.3	62.4	0.0	152.1	131.9	0.0
4	Leslie to Moore		Aug 26	68.7	153.0	0.0	-62.3	0.22	216.1	67.7	85.3	0.0	51.0	17.7	0.0
2	Moore to blw Munsey		Aug 26	2.1	48.7	39.1	-57.0	0.83	216.1	8.7	16.6	23.4	0.0	2.1	0.0
1	Blw Munsey to Arco		Aug 26	2.4	0.0	0.0	0.3	0.00	216.4	0.0	0.0	0.0	0.3	2.1	0.0
								TOTAL		226.9	166.1	23.4			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 26	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 26	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 26	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 26	0.0	0.0		18860501	43%
6	Reservoir to 2B	Aug 26	0.0	0.0		18860501	43%
5	2B to Leslie	Aug 26	8.3	8.0		18860501	43%
4	Leslie to Moore	Aug 26	33.4	28.9		18860501	43%
2	Moore to blw Munsey	Aug 26	42.3	14.7		18860501	43%
1	Blw Munsey to Arco	Aug 26	0.0	0.0		18860501	43%
		TOTAL	84.0	51.6	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
29220.0	28800.0	-420.0	-211.7	9.2

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-44926.7
Total Storage Deliver	-28331.5
Total Evaporation	-2247.2
Accounting Balance	28070.2
Current Res Content	28800.0
Storage Balance Error	-729.8

DAILY STORAGE BALANCE

29220.0	Reservoir Content Previous Day [ac-ft]
28800.0	Reservoir Content Current Day [ac-ft]
-420.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-106.5	Stored Flow Losses [ac-ft]
-8.0	2B to Leslie [cfs]
-28.9	Leslie to Moore [cfs]
-14.7	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-2.1	Past Arco Gage [cfs]
-315.4	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.4	Reservoir to 2B [cfs]
62.4	2B to Leslie [cfs]
85.3	Leslie to Moore [cfs]
10.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-18.2	Evaporation [ac-ft]
-440.1	Accounting Change in Storage [ac-ft]
-20.1	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

216.1	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.3	Gain in Reach 1: Munsey to Arco [cfs]
216.4	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
84.3	Natural Flow Losses below Reservoir [cfs]
8.3	2B to Leslie [cfs]
33.4	Leslie to Moore [cfs]
42.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.3	Natural Flow Past Arco Gage [cfs]
132.0	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
5.3	Reservoir to 2B [cfs]
50.3	2B to Leslie [cfs]
67.7	Leslie to Moore [cfs]
8.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
216.3	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	7.0	348
Eastside Felton Wier +	8.2	410
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	2.3	115
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.2	960
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	54.3	2713
Groundwater to Arco	8.0	400
Groundwater to Munsey	31.1	1555

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.5	225
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.7	35
Island Felton Farms Delivery +	1.5	77
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	1.3	66
Island Wanstrom David +	0.0	0
Eastside OUT	32.3	1615
Total Out	40.4	2018
Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.74	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 74.4%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 29.1 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 3.2 cfs
Step 4 - River at Weirs	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 4.3 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 81.7%
Step 6 - River at Eastside In	River at Weirs --- Upper Reach Delivery Factor	= 5.3 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 36.7 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 74.2%
Step 9 - Eastside River Delivery Factor	River at Eastside Out --- River at Eastside In	= 60.8%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 26, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	5.7	0.4	86.1
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	15.6	0.4	881.3
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	37.6	19.2	2000.2
9	NEILSEN	37.0	1.4	860.1	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	59.5	42.8	3779.6
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	31.7	0.0	6.4	8	Broken River Pum	0.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	8.5	3.4	1264.0
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.8	0.8	368.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	2.8	4	MOORE	107.0	58.2	6705.8
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	36.7	24.2	8914.9
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	11.2	-1.9	1586.9
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	37.5	12.8	1519.7
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	3.0	756.7	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.2	1926.5
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	2.3	206.7	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	54.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	1189.5	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	884.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 26, 2019	1.60	1.60	1.60	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 26, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 26, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 26, 2019	1.20	1.20	1.20	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 26, 2019	0.27	0.36	0.27	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 26, 2019	1.54	2.05	1.54	100.0%
18830601	645	2057	MOORE	13132050	4	Aug 26, 2019	0.09	0.12	0.09	100.0%
18830601	224	854	MOORE	13132050	4	Aug 26, 2019	3.20	4.27	3.20	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 26, 2019	0.79	1.05	0.79	100.0%
18830601	221	855	MOORE	13132050	4	Aug 26, 2019	1.58	2.11	1.58	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 26, 2019	1.13	1.51	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 26, 2019	1.72	2.29	1.72	100.0%
18830810	263	393	MOORE	13132050	4	Aug 26, 2019	0.18	0.24	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	Aug 26, 2019	0.48	0.64	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Aug 26, 2019	0.18	0.24	0.18	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Aug 26, 2019	0.43	0.57	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 26, 2019	0.21	0.28	0.21	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Aug 26, 2019	0.21	0.28	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 26, 2019	1.64	2.19	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Aug 26, 2019	0.14	0.19	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Aug 26, 2019	0.63	0.66	0.63	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 26, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 26, 2019	1.52	1.58	1.52	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Aug 26, 2019	1.12	1.17	1.12	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 26, 2019	1.44	1.50	1.44	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 26, 2019	2.17	2.26	2.17	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 26, 2019	1.63	1.70	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 26, 2019	0.55	0.57	0.55	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 26, 2019	0.96	1.00	0.96	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 26, 2019	0.14	0.15	0.14	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 26, 2019	0.79	0.82	0.79	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 26, 2019	1.92	2.00	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 26, 2019	0.50	0.52	0.50	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 26, 2019	0.21	0.22	0.21	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 26, 2019	0.64	0.64	0.64	100.0%
18840422	397	10	SHARP	13126500	6	Aug 26, 2019	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	Aug 26, 2019	3.37	3.37	3.37	100.0%
18840422	24	120	SHARP	13126500	6	Aug 26, 2019	0.06	0.06	0.06	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 26, 2019	0.10	0.10	0.10	100.0%
18840422	284	228	SHARP	13126500	6	Aug 26, 2019	0.10	0.10	0.10	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 26, 2019	0.08	0.08	0.08	100.0%
18840430	141	1365	BECK	13130525	4	Aug 26, 2019	1.14	1.52	1.14	100.0%
18840430	623	2234	BURNETT	13127750	5	Aug 26, 2019	0.40	0.42	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 26, 2019	0.77	0.80	0.77	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 26, 2019	0.40	0.42	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 26, 2019	0.80	0.83	0.80	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 26, 2019	1.23	1.28	1.23	100.0%
18840520	180	470	MOORE	13132050	4	Aug 26, 2019	0.16	0.21	0.16	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 26, 2019	0.18	0.24	0.18	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 26, 2019	0.01	0.01	0.01	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 26, 2019	0.04	0.05	0.04	100.0%
18840520	113	585	MOORE	13132050	4	Aug 26, 2019	0.10	0.13	0.10	100.0%
18840520	2550	511	MOORE	13132050	4	Aug 26, 2019	1.16	1.55	1.16	100.0%
18840520	2550	510	MOORE	13132050	4	Aug 26, 2019	0.18	0.24	0.18	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 26, 2019	0.74	0.99	0.74	100.0%
18840520	219	547	MOORE	13132050	4	Aug 26, 2019	1.15	1.53	1.15	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 26, 2019	2.24	2.99	2.24	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 26, 2019	0.71	0.94	0.71	100.0%
18840520	427	1	MOORE	13132050	4	Aug 26, 2019	1.02	1.36	1.02	100.0%

18840520	414	1796	MOORE	13132050	4	Aug 26, 2019	1.60	2.13	1.60	100.0%
18840520	263	394	MOORE	13132050	4	Aug 26, 2019	0.22	0.29	0.22	100.0%
18840520	645	2056	MOORE	13132050	4	Aug 26, 2019	0.07	0.09	0.07	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 26, 2019	1.15	1.53	1.15	100.0%
18840520	433	271	MOORE	13132050	4	Aug 26, 2019	0.54	0.72	0.54	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 26, 2019	0.01	0.01	0.01	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 26, 2019	1.60	2.13	1.60	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 26, 2019	1.61	2.15	1.61	100.0%
18840520	85	1584	MOORE	13132050	4	Aug 26, 2019	0.22	0.29	0.22	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 26, 2019	0.02	0.03	0.02	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 26, 2019	0.04	0.05	0.04	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 26, 2019	0.80	1.07	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Aug 26, 2019	0.24	0.25	0.24	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 26, 2019	0.72	0.75	0.72	100.0%
18840601	263	395	MOORE	13132050	4	Aug 26, 2019	0.02	0.03	0.02	100.0%
18840601	15	131	MOORE	13132050	4	Aug 26, 2019	0.37	0.49	0.37	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 26, 2019	1.18	1.57	1.18	100.0%
18840601	85	1545	MOORE	13132050	4	Aug 26, 2019	0.54	0.72	0.54	100.0%
18840601	85	1585	MOORE	13132050	4	Aug 26, 2019	0.08	0.11	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Aug 26, 2019	0.09	0.12	0.09	100.0%
18840601	27	1011	LOWER EASTSIDE &	13132291	4	Aug 26, 2019	0.16	0.21	0.16	100.0%
18840601	623	2182	BURNETT	13127750	5	Aug 26, 2019	0.40	0.42	0.40	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 26, 2019	0.80	0.83	0.80	100.0%
18840601	623	2181	BURNETT	13127750	5	Aug 26, 2019	0.27	0.28	0.27	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 26, 2019	0.22	0.23	0.22	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 26, 2019	0.73	0.76	0.73	100.0%
18840601	623	2134	BURNETT	13127750	5	Aug 26, 2019	0.20	0.21	0.20	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 26, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 26, 2019	0.80	0.80	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 26, 2019	0.80	1.07	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Aug 26, 2019	0.80	1.07	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 26, 2019	0.80	1.07	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 26, 2019	1.20	1.60	1.20	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 26, 2019	1.20	1.60	1.20	100.0%
18840715	15	799	MOORE	13132050	4	Aug 26, 2019	0.80	1.07	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Aug 26, 2019	0.80	1.07	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 26, 2019	0.80	1.07	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 26, 2019	0.80	1.07	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 26, 2019	0.67	0.89	0.67	100.0%
18840831	533	421	MOORE	13132050	4	Aug 26, 2019	0.14	0.19	0.14	100.0%
18840831	306	1200	MOORE	13132050	4	Aug 26, 2019	0.20	0.27	0.20	100.0%
18840831	306	1694	MOORE	13132050	4	Aug 26, 2019	0.58	0.77	0.58	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Aug 26, 2019	1.31	1.75	1.31	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Aug 26, 2019	0.44	0.59	0.44	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 26, 2019	0.50	0.67	0.50	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Aug 26, 2019	0.40	0.53	0.40	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 26, 2019	0.40	0.53	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 26, 2019	3.08	4.11	3.08	100.0%
18840914	623	2135	BURNETT	13127750	5	Aug 26, 2019	0.40	0.42	0.40	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 26, 2019	0.40	0.42	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Aug 26, 2019	1.76	2.35	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Aug 26, 2019	0.31	0.41	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	Aug 26, 2019	0.82	1.09	0.82	100.0%
18841012	459	342	MOORE	13132050	4	Aug 26, 2019	0.58	0.77	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 26, 2019	0.89	1.19	0.89	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 26, 2019	0.40	0.42	0.40	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 26, 2019	2.20	2.29	2.20	100.0%
18841012	347	1974	SWAUGER	13127600	5	Aug 26, 2019	0.17	0.17	0.17	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 26, 2019	1.20	1.25	1.20	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 26, 2019	2.77	2.88	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 26, 2019	0.74	0.77	0.74	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 26, 2019	0.81	0.84	0.81	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 26, 2019	0.04	0.04	0.04	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 26, 2019	3.30	3.44	3.30	100.0%

18841012	347	1974	SHARP	13126500	6	Aug 26, 2019	0.89	0.89	0.89	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 26, 2019	0.61	0.64	0.61	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 26, 2019	0.38	0.40	0.38	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 26, 2019	2.00	2.08	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 26, 2019	0.79	0.82	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 26, 2019	1.65	1.72	1.65	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Aug 26, 2019	2.00	2.67	2.00	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 26, 2019	0.24	0.32	0.24	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 26, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 26, 2019	0.50	0.50	0.50	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 26, 2019	0.04	0.05	0.04	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Aug 26, 2019	0.20	0.27	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 26, 2019	0.20	0.27	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 26, 2019	0.30	0.40	0.30	100.0%
18850515	27	1970	LOWER EASTSIDE &	13132291	4	Aug 26, 2019	0.56	0.75	0.56	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 26, 2019	1.37	1.43	1.37	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 26, 2019	0.19	0.20	0.19	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 26, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 26, 2019	0.01	0.01	0.01	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 26, 2019	1.56	2.08	1.56	100.0%
18850531	413	1353	MOORE	13132050	4	Aug 26, 2019	0.04	0.06	0.04	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Aug 26, 2019	3.20	4.27	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 26, 2019	1.76	1.83	1.76	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 26, 2019	3.19	3.32	3.19	100.0%
18850601	205	2064	BECK	13130525	4	Aug 26, 2019	0.59	0.79	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 26, 2019	1.20	1.60	1.20	100.0%
18850601	15	859	MOORE	13132050	4	Aug 26, 2019	0.41	0.55	0.41	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Aug 26, 2019	0.40	0.42	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 26, 2019	1.54	1.60	1.54	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 26, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 26, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 26, 2019	3.08	3.21	3.08	100.0%
18851002	356	42	ARCO	13132365	2	Aug 26, 2019	4.50	35.23	4.50	100.0%
18851002	356	82	ARCO	13132365	2	Aug 26, 2019	2.64	20.67	2.64	100.0%
18851002	318	817	MUNSEY	13132375	2	Aug 26, 2019	0.80	6.26	0.80	100.0%
18851002	318	545	MUNSEY	13132375	2	Aug 26, 2019	0.75	5.87	0.75	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 26, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	Aug 26, 2019	1.20	1.60	0.51	42.8%
18860501	417	1050	MOORE	13132050	4	Aug 26, 2019	2.80	3.73	1.20	42.8%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 26, 2019	5.76	7.68	2.47	42.8%
18860901	605	955	Stoecklein 1	13124173	8	Aug 26, 2019	3.20	3.20	3.20	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 26, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 26, 2019	1.80	1.80	1.80	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 26, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 26, 2019	0.20	0.20	0.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 26, 2019	1.60	1.60	1.60	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 26, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 26, 2019	0.65	0.65	0.65	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 26, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 26, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 26, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 26, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 26, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 26, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 26, 2019	0.74	0.74	0.74	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 26, 2019	2.60	2.60	2.60	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 26, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 26, 2019	3.20	3.20	3.20	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 26, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 26, 2019	0.18	0.18	0.18	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 26, 2019	2.00	2.00	2.00	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 26, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 26, 2019	0.60	0.60	0.60	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 26, 2019	0.01	0.01	0.01	100.0%

18991001	2329	1735	NEILSEN	13120805	9	Aug 26, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 26, 2019	6.40	6.40	6.40	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 26, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 26, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 26, 2019	3.85	3.85	3.85	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 26, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 26, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 26, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 26, 2019	0.80	0.80	0.80	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 26, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 26, 2019	0.62	0.62	0.62	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 26, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 26, 2019	0.46	0.46	0.46	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 26, 2019	0.50	0.50	0.50	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 26, 2019	1.60	1.60	1.60	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 26, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 26, 2019	0.13	0.13	0.13	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 26, 2019	3.00	3.00	3.00	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 26, 2019	0.50	0.50	0.50	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 26, 2019	0.82	0.82	0.82	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 26, 2019	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 26, 2019	0.40	0.40	0.40	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 26, 2019	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 26, 2019	1.30	1.30	1.30	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 26, 2019	0.10	0.10	0.10	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 26, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 26, 2019	0.28	0.28	0.28	100.0%
19070501	358	321	NEILSEN	13120805	9	Aug 26, 2019	1.00	1.00	1.00	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 26, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 26, 2019	1.37	1.37	1.37	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 26, 2019	0.75	0.75	0.75	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Aug 26, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 26, 2019	0.78	0.78	0.78	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 26, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 26, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 26, 2019	4.30	4.30	4.30	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 26, 2019	1.40	1.40	1.40	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 26, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 26, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 27, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Aug 27	161.0	2.5	0.0	163.5	0.00	163.5	2.5	0.0	0.0	161.0	0.0	0.0
9	Howell to Chilly	Aug 27	0.0	68.7	0.0	-92.3	1.00	71.2	67.2	1.4	0.0	1.4	-1.4	0.0
8	Chilly to Reservoir	* Aug 27	222.5	25.1	0.0	247.6	0.00	318.7	25.1	0.0	0.0	223.9	-1.4	0.0
	Disconnected													
7	Mackay Reservoir	* Aug 27	420.7	0.0	0.0	222.5	0.00	222.5	0.0		0.0	222.5	198.2	0.0
6	Reservoir to 2B	Aug 27	415.0	5.7	0.0	0.0	0.00	222.5	5.3	0.4	0.0	217.1	197.9	0.0
5	2B to Leslie	Aug 27	296.0	112.6	0.0	-6.4	0.02	222.5	57.6	55.0	0.0	156.2	139.8	0.0
4	Leslie to Moore	Aug 27	74.3	160.0	0.0	-61.7	0.21	222.5	85.5	74.5	0.0	38.1	36.1	0.0
2	Moore to blw Munsey	Aug 27	2.9	54.5	39.1	-56.0	0.75	222.5	9.4	21.4	23.8	0.0	2.9	0.0
1	Blw Munsey to Arco	Aug 27	4.2	0.0	0.0	1.3	0.00	223.8	0.0	0.0	0.0	1.3	2.9	0.0
								TOTAL	252.6	152.7	23.8			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 27	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 27	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 27	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 27	0.0	0.0		18860914	100%
6	Reservoir to 2B	Aug 27	0.0	0.0		18860914	100%
5	2B to Leslie	Aug 27	3.3	3.1		18860914	100%
4	Leslie to Moore	Aug 27	32.6	29.1		18860914	100%
2	Moore to blw Munsey	Aug 27	28.7	27.2		18860914	100%
1	Blw Munsey to Arco	Aug 27	0.0	0.0		18860914	100%
		TOTAL	64.6	59.4	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28800.0	28390.0	-410.0	-206.7	8.5

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-45050.2
Total Storage Deliver	-28631.6
Total Evaporation	-2263.9
Accounting Balance	27629.8
Current Res Content	28390.0
Storage Balance Error	-760.2

DAILY STORAGE BALANCE

28800.0	Reservoir Content Previous Day [ac-ft]
28390.0	Reservoir Content Current Day [ac-ft]
-410.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-123.5	Stored Flow Losses [ac-ft]
-3.1	2B to Leslie [cfs]
-29.1	Leslie to Moore [cfs]
-27.2	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-2.9	Past Arco Gage [cfs]
-290.9	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.4	Reservoir to 2B [cfs]
55.0	2B to Leslie [cfs]
74.5	Leslie to Moore [cfs]
16.8	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-16.8	Evaporation [ac-ft]
-431.2	Accounting Change in Storage [ac-ft]
-21.2	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

222.5	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
1.3	Gain in Reach 1: Munsey to Arco [cfs]
223.8	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
66.0	Natural Flow Losses below Reservoir [cfs]
3.3	2B to Leslie [cfs]
32.6	Leslie to Moore [cfs]
28.7	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1.3	Natural Flow Past Arco Gage [cfs]
157.8	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
5.3	Reservoir to 2B [cfs]
57.6	2B to Leslie [cfs]
85.5	Leslie to Moore [cfs]
9.4	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
223.8	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	7.3	365
Eastside Felton Wier +	8.3	415
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	2.3	115
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.2	960
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	54.7	2735
Groundwater to Arco	8.0	400
Groundwater to Munsey	31.1	1555

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.5	225
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	1.5	77
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	1.3	66
Island Wanstrom David +	0.0	0
Eastside OUT	32.3	1615
Total Out	39.7	1983
Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.73	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 72.5%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 28.3 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 4.0 cfs
Step 4 - River at Weirs	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 5.4 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 82.8%
Step 6 - River at Eastside In	River at Weirs --- Upper Reach Delivery Factor	= 6.6 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 35.4 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 74.9%
Step 9 - Eastside River Delivery Factor	River at Eastside Out --- River at Eastside In	= 60.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 27, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	5.7	0.4	86.9
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	15.6	0.4	882.1
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	37.4	17.4	2034.7
9	NEILSEN	37.0	1.4	862.9	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	59.6	37.2	3853.4
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	31.7	0.0	6.4	8	Broken River Pum	0.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	0.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	8.8	3.6	1271.1
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	0.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.8	0.8	370.5
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	2.8	4	MOORE	115.0	56.6	6818.0
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	35.4	14.9	8944.4
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	17.0	1.8	1590.5
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	37.5	15.0	1549.3
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	3.0	762.7	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.2	2002.7
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	2.3	215.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	54.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	1227.5	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	915.7	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 27, 2019	1.60	1.60	1.60	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 27, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 27, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 27, 2019	1.20	1.20	1.20	100.0%
18830601	224	854	MOORE	13132050	4	Aug 27, 2019	3.20	4.11	3.20	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 27, 2019	0.27	0.35	0.27	100.0%
18830601	221	855	MOORE	13132050	4	Aug 27, 2019	1.60	2.05	1.60	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 27, 2019	0.79	1.01	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 27, 2019	1.54	1.98	1.54	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 27, 2019	1.13	1.45	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 27, 2019	1.73	2.22	1.73	100.0%
18830810	2332	1088	MOORE	13132050	4	Aug 27, 2019	0.58	0.74	0.58	100.0%
18830810	96	449	MOORE	13132050	4	Aug 27, 2019	0.48	0.62	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Aug 27, 2019	0.18	0.23	0.18	100.0%
18830810	263	393	MOORE	13132050	4	Aug 27, 2019	0.18	0.23	0.18	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Aug 27, 2019	0.43	0.55	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 27, 2019	0.21	0.27	0.21	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Aug 27, 2019	0.21	0.27	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 27, 2019	1.64	2.10	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Aug 27, 2019	0.14	0.18	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 27, 2019	0.07	0.07	0.07	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Aug 27, 2019	1.12	1.14	1.12	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 27, 2019	1.56	1.58	1.56	100.0%
18840422	347	938	SWAUGER	13127600	5	Aug 27, 2019	0.64	0.65	0.64	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Aug 27, 2019	1.44	1.46	1.44	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 27, 2019	0.14	0.14	0.14	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 27, 2019	2.17	2.20	2.17	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 27, 2019	0.96	0.98	0.96	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 27, 2019	1.63	1.66	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 27, 2019	0.55	0.56	0.55	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 27, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 27, 2019	0.79	0.80	0.79	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 27, 2019	1.92	1.95	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 27, 2019	0.50	0.51	0.50	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 27, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Aug 27, 2019	0.10	0.10	0.10	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 27, 2019	0.10	0.10	0.10	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 27, 2019	0.64	0.64	0.64	100.0%
18840422	347	938	SHARP	13126500	6	Aug 27, 2019	3.36	3.36	3.36	100.0%
18840422	397	10	SHARP	13126500	6	Aug 27, 2019	0.08	0.08	0.08	100.0%
18840422	24	120	SHARP	13126500	6	Aug 27, 2019	0.06	0.06	0.06	100.0%
18840430	141	1365	BECK	13130525	4	Aug 27, 2019	1.20	1.54	1.20	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 27, 2019	0.40	0.41	0.40	100.0%
18840430	623	2234	BURNETT	13127750	5	Aug 27, 2019	0.40	0.41	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 27, 2019	0.80	0.81	0.80	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 27, 2019	0.77	0.78	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 27, 2019	1.23	1.25	1.23	100.0%
18840520	113	585	MOORE	13132050	4	Aug 27, 2019	0.11	0.14	0.11	100.0%
18840520	219	547	MOORE	13132050	4	Aug 27, 2019	1.15	1.48	1.15	100.0%
18840520	433	271	MOORE	13132050	4	Aug 27, 2019	0.54	0.69	0.54	100.0%
18840520	96	451	MOORE	13132050	4	Aug 27, 2019	0.58	0.74	0.58	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 27, 2019	0.01	0.01	0.01	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 27, 2019	1.15	1.48	1.15	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 27, 2019	1.60	2.05	1.60	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 27, 2019	1.60	2.05	1.60	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 27, 2019	0.01	0.01	0.01	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 27, 2019	0.18	0.23	0.18	100.0%
18840520	180	470	MOORE	13132050	4	Aug 27, 2019	0.16	0.21	0.16	100.0%
18840520	263	394	MOORE	13132050	4	Aug 27, 2019	0.22	0.28	0.22	100.0%

18840520	427	1	MOORE	13132050	4	Aug 27, 2019	1.16	1.49	1.16	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 27, 2019	0.78	1.00	0.78	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 27, 2019	0.04	0.05	0.04	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 27, 2019	2.14	2.75	2.14	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 27, 2019	0.02	0.03	0.02	100.0%
18840520	85	1584	MOORE	13132050	4	Aug 27, 2019	0.22	0.28	0.22	100.0%
18840520	2550	510	MOORE	13132050	4	Aug 27, 2019	0.18	0.23	0.18	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 27, 2019	0.04	0.05	0.04	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 27, 2019	2.24	2.87	2.24	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 27, 2019	0.88	1.13	0.88	100.0%
18840520	2550	511	MOORE	13132050	4	Aug 27, 2019	1.44	1.85	1.44	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 27, 2019	0.80	1.03	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Aug 27, 2019	0.28	0.28	0.28	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 27, 2019	0.72	0.73	0.72	100.0%
18840601	263	395	MOORE	13132050	4	Aug 27, 2019	0.08	0.10	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Aug 27, 2019	0.09	0.12	0.09	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 27, 2019	1.28	1.64	1.28	100.0%
18840601	15	131	MOORE	13132050	4	Aug 27, 2019	0.37	0.47	0.37	100.0%
18840601	96	453	MOORE	13132050	4	Aug 27, 2019	0.21	0.27	0.21	100.0%
18840601	85	1545	MOORE	13132050	4	Aug 27, 2019	0.54	0.69	0.54	100.0%
18840601	85	1585	MOORE	13132050	4	Aug 27, 2019	0.08	0.10	0.08	100.0%
18840601	623	2134	BURNETT	13127750	5	Aug 27, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Aug 27, 2019	0.27	0.27	0.27	100.0%
18840601	623	2182	BURNETT	13127750	5	Aug 27, 2019	0.40	0.41	0.40	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 27, 2019	0.80	0.81	0.80	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 27, 2019	0.22	0.22	0.22	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 27, 2019	0.73	0.75	0.73	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 27, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 27, 2019	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 27, 2019	1.20	1.54	1.20	100.0%
18840715	15	799	MOORE	13132050	4	Aug 27, 2019	0.67	0.86	0.67	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 27, 2019	0.80	1.03	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 27, 2019	1.20	1.54	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Aug 27, 2019	0.80	1.03	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 27, 2019	0.80	1.03	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 27, 2019	0.80	1.03	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 27, 2019	0.80	1.03	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 27, 2019	1.07	1.37	1.07	100.0%
18840831	533	421	MOORE	13132050	4	Aug 27, 2019	0.14	0.18	0.14	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 27, 2019	0.50	0.64	0.50	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 27, 2019	0.40	0.51	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Aug 27, 2019	1.31	1.68	1.31	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Aug 27, 2019	0.44	0.56	0.44	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Aug 27, 2019	0.40	0.51	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 27, 2019	3.20	4.11	3.20	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 27, 2019	0.40	0.41	0.40	100.0%
18840914	623	2135	BURNETT	13127750	5	Aug 27, 2019	0.40	0.41	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Aug 27, 2019	1.76	2.26	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 27, 2019	0.89	1.14	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Aug 27, 2019	0.58	0.74	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Aug 27, 2019	1.12	1.44	1.12	100.0%
18841012	70	341	MOORE	13132050	4	Aug 27, 2019	0.31	0.40	0.31	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 27, 2019	0.81	0.82	0.81	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 27, 2019	0.04	0.04	0.04	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 27, 2019	2.26	2.30	2.26	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 27, 2019	1.20	1.22	1.20	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 27, 2019	3.10	3.15	3.10	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 27, 2019	2.77	2.81	2.77	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 27, 2019	0.42	0.43	0.42	100.0%
18841012	347	1974	SWAUGER	13127600	5	Aug 27, 2019	0.17	0.17	0.17	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 27, 2019	0.74	0.75	0.74	100.0%
18841012	347	1974	SHARP	13126500	6	Aug 27, 2019	0.89	0.89	0.89	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 27, 2019	1.65	1.68	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 27, 2019	0.79	0.80	0.79	100.0%

18850218	47	1383	DARLINGTON	13127735	5	Aug 27, 2019	2.00	2.03	2.00	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Aug 27, 2019	0.46	0.47	0.46	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 27, 2019	0.61	0.62	0.61	100.0%
18850501	423	186	ARCO	13132365	2	Aug 27, 2019	0.26	1.35	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Aug 27, 2019	0.20	1.04	0.20	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Aug 27, 2019	2.00	2.57	2.00	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 27, 2019	0.24	0.31	0.24	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 27, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 27, 2019	2.80	2.80	2.80	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 27, 2019	0.04	0.05	0.04	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 27, 2019	0.20	0.26	0.20	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Aug 27, 2019	0.20	0.26	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 27, 2019	0.30	0.38	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Aug 27, 2019	0.14	0.18	0.14	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 27, 2019	1.37	1.39	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 27, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 27, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 27, 2019	0.19	0.19	0.19	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 27, 2019	1.56	2.00	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Aug 27, 2019	3.20	4.11	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 27, 2019	2.00	2.03	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 27, 2019	3.20	3.25	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Aug 27, 2019	0.59	0.76	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 27, 2019	1.20	1.54	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Aug 27, 2019	0.40	0.41	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 27, 2019	1.54	1.56	1.54	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 27, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 27, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 27, 2019	3.08	3.13	3.08	100.0%
18851002	356	42	ARCO	13132365	2	Aug 27, 2019	4.50	23.44	4.50	100.0%
18851002	356	82	ARCO	13132365	2	Aug 27, 2019	2.88	15.00	2.88	100.0%
18851002	437	62	ARCO	13132365	2	Aug 27, 2019	1.54	8.02	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 27, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	Aug 27, 2019	1.20	1.54	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 27, 2019	2.80	3.59	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 27, 2019	5.76	7.39	5.76	100.0%
18860512	96	459	MOORE	13132050	4	Aug 27, 2019	0.48	0.62	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Aug 27, 2019	0.18	0.23	0.18	100.0%
18860512	263	398	MOORE	13132050	4	Aug 27, 2019	0.02	0.03	0.02	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Aug 27, 2019	1.35	1.73	1.35	100.0%
18860601	16	1009	MOORE	13132050	4	Aug 27, 2019	2.52	3.23	2.52	100.0%
18860601	470	1858	MOORE	13132050	4	Aug 27, 2019	0.09	0.12	0.09	100.0%
18860601	470	1323	MOORE	13132050	4	Aug 27, 2019	0.20	0.26	0.20	100.0%
18860601	90	1377	MOORE	13132050	4	Aug 27, 2019	2.40	3.08	2.40	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Aug 27, 2019	1.24	1.59	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 27, 2019	1.60	2.05	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	Aug 27, 2019	0.04	0.05	0.04	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Aug 27, 2019	1.34	1.72	1.34	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 27, 2019	1.31	1.33	1.31	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 27, 2019	0.80	0.81	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 27, 2019	2.40	2.44	2.40	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 27, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 27, 2019	0.34	0.35	0.34	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 27, 2019	0.86	0.87	0.86	100.0%
18860914	490	1795	BURNETT	13127750	5	Aug 27, 2019	1.26	1.28	1.26	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 27, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 27, 2019	1.80	1.80	1.80	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 27, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 27, 2019	0.43	0.43	0.43	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 27, 2019	1.60	1.60	1.60	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 27, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 27, 2019	0.30	0.30	0.30	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 27, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 27, 2019	0.49	0.49	0.49	100.0%

18900801	101	1326	Johnson/Navarro	13124090	8	Aug 27, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 27, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 27, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 27, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 27, 2019	0.74	0.74	0.74	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 27, 2019	2.60	2.60	2.60	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 27, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 27, 2019	3.20	3.20	3.20	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 27, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 27, 2019	0.18	0.18	0.18	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 27, 2019	2.00	2.00	2.00	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 27, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 27, 2019	0.60	0.60	0.60	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 27, 2019	0.01	0.01	0.01	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 27, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 27, 2019	6.40	6.40	6.40	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 27, 2019	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	Aug 27, 2019	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 27, 2019	3.85	3.85	3.85	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 27, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 27, 2019	3.20	3.20	3.20	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 27, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 27, 2019	0.80	0.80	0.80	100.0%
19020501	310	631	CHILLY	13121105	9	Aug 27, 2019	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 27, 2019	0.62	0.62	0.62	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 27, 2019	0.46	0.46	0.46	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 27, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 27, 2019	0.50	0.50	0.50	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 27, 2019	1.60	1.60	1.60	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 27, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 27, 2019	0.13	0.13	0.13	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 27, 2019	0.82	0.82	0.82	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 27, 2019	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 27, 2019	0.30	0.30	0.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 27, 2019	3.00	3.00	3.00	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 27, 2019	0.10	0.10	0.10	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 27, 2019	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 27, 2019	1.30	1.30	1.30	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 27, 2019	0.50	0.50	0.50	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 27, 2019	0.78	0.78	0.78	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 27, 2019	0.28	0.28	0.28	100.0%
19070501	358	321	NEILSEN	13120805	9	Aug 27, 2019	1.00	1.00	1.00	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 27, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 27, 2019	1.37	1.37	1.37	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 27, 2019	0.75	0.75	0.75	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Aug 27, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 27, 2019	0.78	0.78	0.78	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 27, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 27, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 27, 2019	4.30	4.30	4.30	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 27, 2019	1.40	1.40	1.40	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 27, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 27, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 28, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		Aug 28	158.0	2.5	0.0	160.5	0.00	160.5	2.5	0.0	0.0	158.0	0.0	0.0
9	Howell to Chilly		Aug 28	0.0	59.7	0.0	-98.3	1.00	62.2	58.2	1.4	0.0	1.4	-1.4	0.0
8	Chilly to Reservoir	*	Aug 28	224.6	28.6	0.0	253.2	0.00	315.3	28.6	0.0	0.0	226.0	-1.4	0.0
	Disconnected														
7	Mackay Reservoir	*	Aug 28	416.2	0.0	0.0	224.6	0.00	224.6	0.0		0.0	224.6	191.6	0.0
6	Reservoir to 2B		Aug 28	411.0	5.2	0.0	0.0	0.00	224.6	5.1	0.1	0.0	219.4	191.6	0.0
5	2B to Leslie		Aug 28	291.0	109.2	0.0	-10.8	0.03	224.6	56.0	53.2	0.0	157.7	133.3	0.0
4	Leslie to Moore		Aug 28	71.5	159.7	0.0	-59.8	0.21	224.6	85.9	73.8	0.0	39.4	32.1	0.0
2	Moore to blw Munsey		Aug 28	2.6	54.5	39.1	-53.5	0.75	224.6	9.9	20.1	24.5	0.0	2.6	0.0
1	Blw Munsey to Arco		Aug 28	4.5	0.0	0.0	1.9	0.00	226.5	0.0	0.0	0.0	1.9	2.6	0.0
								TOTAL		246.3	148.6	24.5			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 28	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 28	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 28	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 28	0.0	0.0		18870601	52%
6	Reservoir to 2B	Aug 28	0.0	0.0		18870601	52%
5	2B to Leslie	Aug 28	5.8	5.0		18870601	52%
4	Leslie to Moore	Aug 28	32.4	27.4		18870601	52%
2	Moore to blw Munsey	Aug 28	29.5	24.1		18870601	52%
1	Blw Munsey to Arco	Aug 28	0.0	0.0		18870601	52%
		TOTAL	67.7	56.5	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
28390.0	27990.0	-400.0	-201.7	10.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-45167.4
Total Storage Deliver	-28923.6
Total Evaporation	-2283.8
Accounting Balance	27200.7
Current Res Content	27990.0
Storage Balance Error	-789.3

DAILY STORAGE BALANCE

28390.0	Reservoir Content Previous Day [ac-ft]
27990.0	Reservoir Content Current Day [ac-ft]
-400.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-117.2	Stored Flow Losses [ac-ft]
-5.0	2B to Leslie [cfs]
-27.4	Leslie to Moore [cfs]
-24.1	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-2.6	Past Arco Gage [cfs]
-282.1	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.1	Reservoir to 2B [cfs]
53.2	2B to Leslie [cfs]
73.8	Leslie to Moore [cfs]
15.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-19.9	Evaporation [ac-ft]
-419.2	Accounting Change in Storage [ac-ft]
-19.2	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

224.6	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
1.9	Gain in Reach 1: Munsey to Arco [cfs]
226.5	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
69.6	Natural Flow Losses below Reservoir [cfs]
5.8	2B to Leslie [cfs]
32.4	Leslie to Moore [cfs]
29.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
1.9	Natural Flow Past Arco Gage [cfs]
156.9	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
5.1	Reservoir to 2B [cfs]
56.0	2B to Leslie [cfs]
85.9	Leslie to Moore [cfs]
9.9	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
226.5	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	7.3	365
Eastside Felton Wier +	7.8	390
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	2.3	115
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.2	960
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	54.2	2710
Groundwater to Arco	8.0	400
Groundwater to Munsey	31.1	1555

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.5	225
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	1.5	77
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	1.3	66
Island Wanstrom David +	0.0	0
Eastside OUT	33.5	1675
Total Out	40.9	2043
Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.75	

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 75.4%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 29.5 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 4.0 cfs
Step 4 - River at Weirs	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 5.3 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 81.6%
Step 6 - River at Eastside In	River at Weirs --- Upper Reach Delivery Factor	= 6.5 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 35.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 74.8%
Step 9 - Eastside River Delivery Factor	River at Eastside Out --- River at Eastside In	= 61.5%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 28, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	5.2	0.1	87.1
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	15.6	0.9	883.9
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	37.6	19.2	2072.8
9	NEILSEN	35.0	1.4	865.7	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	56.0	33.1	3919.0
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	24.7	0.0	6.4	8	Broken River Pum	0.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	8.4	3.4	1278.0
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.8	0.8	372.1
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	2.8	4	MOORE	115.0	56.9	6930.8
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	35.5	14.0	8972.1
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	17.0	1.1	1592.6
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	37.5	14.1	1577.2
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	2.5	767.6	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.2	2078.9
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	2.3	224.9	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	54.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	1265.6	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	947.5	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 28, 2019	1.60	1.60	1.60	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 28, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 28, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 28, 2019	1.20	1.20	1.20	100.0%
18830601	221	855	MOORE	13132050	4	Aug 28, 2019	1.60	2.07	1.60	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 28, 2019	1.42	1.84	1.42	100.0%
18830601	224	854	MOORE	13132050	4	Aug 28, 2019	3.20	4.14	3.20	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 28, 2019	0.27	0.35	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 28, 2019	0.79	1.02	0.79	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 28, 2019	1.73	2.24	1.73	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 28, 2019	1.13	1.46	1.13	100.0%
18830810	85	1583	MOORE	13132050	4	Aug 28, 2019	0.18	0.23	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	Aug 28, 2019	0.54	0.70	0.54	100.0%
18830810	263	393	MOORE	13132050	4	Aug 28, 2019	0.18	0.23	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Aug 28, 2019	0.48	0.62	0.48	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 28, 2019	0.21	0.27	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Aug 28, 2019	0.43	0.56	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Aug 28, 2019	0.21	0.27	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 28, 2019	1.64	2.12	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Aug 28, 2019	0.14	0.18	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Aug 28, 2019	0.70	0.71	0.70	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 28, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 28, 2019	1.04	1.07	1.04	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Aug 28, 2019	1.12	1.15	1.12	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 28, 2019	1.63	1.67	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 28, 2019	0.55	0.56	0.55	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 28, 2019	2.17	2.23	2.17	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 28, 2019	0.14	0.14	0.14	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 28, 2019	0.96	0.99	0.96	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 28, 2019	0.79	0.81	0.79	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 28, 2019	1.92	1.97	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 28, 2019	0.50	0.51	0.50	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 28, 2019	0.21	0.22	0.21	100.0%
18840422	284	228	SHARP	13126500	6	Aug 28, 2019	0.10	0.10	0.10	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 28, 2019	0.58	0.58	0.58	100.0%
18840422	397	10	SHARP	13126500	6	Aug 28, 2019	0.06	0.06	0.06	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 28, 2019	0.06	0.06	0.06	100.0%
18840422	24	120	SHARP	13126500	6	Aug 28, 2019	0.04	0.04	0.04	100.0%
18840422	347	938	SHARP	13126500	6	Aug 28, 2019	3.30	3.30	3.30	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 28, 2019	0.10	0.10	0.10	100.0%
18840430	141	1365	BECK	13130525	4	Aug 28, 2019	0.96	1.24	0.96	100.0%
18840430	623	2234	BURNETT	13127750	5	Aug 28, 2019	0.40	0.41	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 28, 2019	0.80	0.82	0.80	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 28, 2019	0.40	0.41	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 28, 2019	0.77	0.79	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 28, 2019	1.23	1.26	1.23	100.0%
18840520	96	451	MOORE	13132050	4	Aug 28, 2019	0.58	0.75	0.58	100.0%
18840520	85	1584	MOORE	13132050	4	Aug 28, 2019	0.22	0.28	0.22	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 28, 2019	1.15	1.49	1.15	100.0%
18840520	180	470	MOORE	13132050	4	Aug 28, 2019	0.16	0.21	0.16	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 28, 2019	0.77	0.99	0.77	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 28, 2019	0.02	0.03	0.02	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 28, 2019	0.18	0.23	0.18	100.0%
18840520	113	585	MOORE	13132050	4	Aug 28, 2019	0.10	0.13	0.10	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 28, 2019	0.82	1.06	0.82	100.0%
18840520	427	1	MOORE	13132050	4	Aug 28, 2019	1.08	1.40	1.08	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 28, 2019	0.04	0.05	0.04	100.0%
18840520	2550	511	MOORE	13132050	4	Aug 28, 2019	1.32	1.71	1.32	100.0%
18840520	433	271	MOORE	13132050	4	Aug 28, 2019	0.54	0.70	0.54	100.0%

18840520	187	1872	MOORE	13132050	4	Aug 28, 2019	0.01	0.01	0.01	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 28, 2019	1.60	2.07	1.60	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 28, 2019	1.60	2.07	1.60	100.0%
18840520	2550	510	MOORE	13132050	4	Aug 28, 2019	0.18	0.23	0.18	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 28, 2019	0.01	0.01	0.01	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 28, 2019	2.07	2.68	2.07	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 28, 2019	2.24	2.90	2.24	100.0%
18840520	263	394	MOORE	13132050	4	Aug 28, 2019	0.22	0.28	0.22	100.0%
18840520	219	547	MOORE	13132050	4	Aug 28, 2019	1.15	1.49	1.15	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 28, 2019	0.04	0.05	0.04	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 28, 2019	0.80	1.03	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Aug 28, 2019	0.28	0.29	0.28	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 28, 2019	0.72	0.74	0.72	100.0%
18840601	96	453	MOORE	13132050	4	Aug 28, 2019	0.21	0.27	0.21	100.0%
18840601	85	1544	MOORE	13132050	4	Aug 28, 2019	0.09	0.12	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	Aug 28, 2019	0.54	0.70	0.54	100.0%
18840601	85	1585	MOORE	13132050	4	Aug 28, 2019	0.08	0.10	0.08	100.0%
18840601	15	131	MOORE	13132050	4	Aug 28, 2019	0.37	0.48	0.37	100.0%
18840601	263	395	MOORE	13132050	4	Aug 28, 2019	0.06	0.08	0.06	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 28, 2019	1.28	1.65	1.28	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 28, 2019	0.73	0.75	0.73	100.0%
18840601	623	2134	BURNETT	13127750	5	Aug 28, 2019	0.20	0.21	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Aug 28, 2019	0.27	0.27	0.27	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 28, 2019	0.80	0.82	0.80	100.0%
18840601	151	1042	BURNETT	13127750	5	Aug 28, 2019	0.23	0.24	0.23	100.0%
18840601	623	2182	BURNETT	13127750	5	Aug 28, 2019	0.23	0.24	0.23	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 28, 2019	0.18	0.18	0.18	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 28, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 28, 2019	0.40	0.40	0.40	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 28, 2019	1.20	1.55	1.20	100.0%
18840715	459	798	MOORE	13132050	4	Aug 28, 2019	0.80	1.03	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 28, 2019	1.20	1.55	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 28, 2019	0.80	1.03	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Aug 28, 2019	0.59	0.77	0.59	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 28, 2019	0.80	1.03	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 28, 2019	0.80	1.03	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 28, 2019	0.91	1.18	0.91	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 28, 2019	0.80	1.03	0.80	100.0%
18840831	533	421	MOORE	13132050	4	Aug 28, 2019	0.14	0.18	0.14	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 28, 2019	0.50	0.65	0.50	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Aug 28, 2019	1.31	1.69	1.31	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Aug 28, 2019	0.44	0.57	0.44	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Aug 28, 2019	0.40	0.52	0.40	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 28, 2019	0.40	0.52	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 28, 2019	3.18	4.11	3.18	100.0%
18840914	119	696	BURNETT	13127750	5	Aug 28, 2019	0.40	0.41	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Aug 28, 2019	1.76	2.28	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Aug 28, 2019	0.58	0.75	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 28, 2019	0.89	1.15	0.89	100.0%
18841012	70	341	MOORE	13132050	4	Aug 28, 2019	0.31	0.40	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	Aug 28, 2019	1.00	1.29	1.00	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 28, 2019	3.30	3.39	3.30	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 28, 2019	0.74	0.76	0.74	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 28, 2019	0.04	0.04	0.04	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 28, 2019	0.81	0.83	0.81	100.0%
18841012	347	1974	SWAUGER	13127600	5	Aug 28, 2019	0.18	0.19	0.18	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 28, 2019	2.77	2.84	2.77	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 28, 2019	0.42	0.43	0.42	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 28, 2019	2.06	2.12	2.06	100.0%
18841012	603	1448	SWAUGER	13127600	5	Aug 28, 2019	1.20	1.23	1.20	100.0%
18841012	347	1974	SHARP	13126500	6	Aug 28, 2019	0.88	0.88	0.88	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 28, 2019	0.61	0.63	0.61	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 28, 2019	1.65	1.69	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 28, 2019	2.00	2.05	2.00	100.0%

18850218	381	806	DARLINGTON	13127735	5	Aug 28, 2019	0.79	0.81	0.79	100.0%
18850501	423	87	ARCO	13132365	2	Aug 28, 2019	0.20	1.03	0.20	100.0%
18850501	423	186	ARCO	13132365	2	Aug 28, 2019	0.26	1.34	0.26	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 28, 2019	0.24	0.31	0.24	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Aug 28, 2019	2.00	2.59	2.00	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 28, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 28, 2019	2.80	2.80	2.80	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Aug 28, 2019	0.20	0.26	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 28, 2019	0.20	0.26	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 28, 2019	0.04	0.05	0.04	100.0%
18850515	359	1034	MOORE	13132050	4	Aug 28, 2019	0.04	0.05	0.04	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 28, 2019	0.30	0.39	0.30	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 28, 2019	1.37	1.41	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 28, 2019	0.11	0.11	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 28, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 28, 2019	0.19	0.20	0.19	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 28, 2019	1.56	2.01	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Aug 28, 2019	3.20	4.14	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 28, 2019	2.00	2.05	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 28, 2019	3.20	3.29	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Aug 28, 2019	0.59	0.76	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 28, 2019	1.20	1.55	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Aug 28, 2019	0.40	0.41	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 28, 2019	1.54	1.58	1.54	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 28, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 28, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 28, 2019	3.08	3.16	3.08	100.0%
18851002	356	82	ARCO	13132365	2	Aug 28, 2019	2.88	14.80	2.88	100.0%
18851002	437	62	ARCO	13132365	2	Aug 28, 2019	1.54	7.91	1.54	100.0%
18851002	356	42	ARCO	13132365	2	Aug 28, 2019	4.50	23.12	4.50	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 28, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	Aug 28, 2019	1.20	1.55	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 28, 2019	2.52	3.26	2.52	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 28, 2019	5.76	7.45	5.76	100.0%
18860512	96	459	MOORE	13132050	4	Aug 28, 2019	0.48	0.62	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Aug 28, 2019	0.18	0.23	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Aug 28, 2019	1.35	1.75	1.35	100.0%
18860601	90	1377	MOORE	13132050	4	Aug 28, 2019	2.40	3.10	2.40	100.0%
18860601	16	1009	MOORE	13132050	4	Aug 28, 2019	2.52	3.26	2.52	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Aug 28, 2019	1.24	1.60	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 28, 2019	1.60	2.07	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	Aug 28, 2019	0.04	0.05	0.04	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Aug 28, 2019	1.34	1.73	1.34	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 28, 2019	1.31	1.35	1.31	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 28, 2019	0.80	0.82	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 28, 2019	2.32	2.38	2.32	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 28, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 28, 2019	0.34	0.35	0.34	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 28, 2019	0.74	0.76	0.74	100.0%
18860914	490	1795	BURNETT	13127750	5	Aug 28, 2019	1.26	1.29	1.26	100.0%
18870313	70	337	MOORE	13132050	4	Aug 28, 2019	0.23	0.30	0.23	100.0%
18870313	459	338	MOORE	13132050	4	Aug 28, 2019	0.42	0.54	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Aug 28, 2019	0.65	0.84	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 28, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 28, 2019	1.80	1.80	1.80	100.0%
18870601	423	1028	ARCO	13132365	2	Aug 28, 2019	0.80	4.11	0.42	52.1%
18870601	423	76	ARCO	13132365	2	Aug 28, 2019	0.22	1.13	0.11	52.1%
18870601	668	1645	LOWER EASTSIDE &	13132291	4	Aug 28, 2019	1.76	2.28	0.92	52.1%
18870601	252	353	DARLINGTON	13127735	5	Aug 28, 2019	0.43	0.44	0.22	52.1%
18870601	490	1783	BURNETT	13127750	5	Aug 28, 2019	0.95	0.98	0.50	52.1%
18870601	139	845	BURNETT	13127750	5	Aug 28, 2019	0.92	0.94	0.48	52.1%
18870601	490	1747	BURNETT	13127750	5	Aug 28, 2019	0.25	0.26	0.13	52.1%
18880401	682	2139	NEILSEN	13120805	9	Aug 28, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 28, 2019	0.43	0.43	0.43	100.0%

18880601	629	1497	HOWELL	13120490	10	Aug 28, 2019	1.60	1.60	1.60	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 28, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 28, 2019	0.30	0.30	0.30	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 28, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 28, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 28, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 28, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 28, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 28, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 28, 2019	0.74	0.74	0.74	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 28, 2019	1.60	1.60	1.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 28, 2019	2.00	2.00	2.00	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 28, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 28, 2019	3.20	3.20	3.20	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 28, 2019	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 28, 2019	0.02	0.02	0.02	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 28, 2019	2.00	2.00	2.00	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 28, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 28, 2019	2.74	2.74	2.74	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 28, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 28, 2019	0.01	0.01	0.01	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 28, 2019	6.00	6.00	6.00	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 28, 2019	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 28, 2019	2.70	2.70	2.70	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 28, 2019	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 28, 2019	1.85	1.85	1.85	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 28, 2019	2.91	2.91	2.91	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 28, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 28, 2019	2.00	2.00	2.00	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 28, 2019	0.62	0.62	0.62	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 28, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 28, 2019	0.46	0.46	0.46	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 28, 2019	1.60	1.60	1.60	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 28, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 28, 2019	0.13	0.13	0.13	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 28, 2019	0.10	0.10	0.10	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 28, 2019	1.30	1.30	1.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 28, 2019	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 28, 2019	0.30	0.30	0.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 28, 2019	0.82	0.82	0.82	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 28, 2019	3.00	3.00	3.00	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 28, 2019	0.65	0.65	0.65	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 28, 2019	0.50	0.50	0.50	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 28, 2019	0.28	0.28	0.28	100.0%
19070501	358	321	NEILSEN	13120805	9	Aug 28, 2019	1.00	1.00	1.00	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 28, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 28, 2019	1.37	1.37	1.37	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 28, 2019	0.75	0.75	0.75	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 28, 2019	0.78	0.78	0.78	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 28, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 28, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 28, 2019	2.30	2.30	2.30	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 28, 2019	1.40	1.40	1.40	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 28, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 28, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 29, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		Aug 29	154.0	2.5	0.0	156.5	0.00	156.5	2.5	0.0	0.0	154.0	0.0	0.0
9	Howell to Chilly		Aug 29	0.0	59.7	0.0	-94.3	1.00	62.2	58.2	1.4	0.0	1.4	-1.4	0.0
8	Chilly to Reservoir	*	Aug 29	224.3	28.6	0.0	252.9	0.00	315.0	28.6	0.0	0.0	225.7	-1.4	0.0
	Disconnected														
7	Mackay Reservoir	*	Aug 29	412.2	0.0	0.0	224.3	0.00	224.3	0.0		0.0	224.3	187.9	0.0
6	Reservoir to 2B		Aug 29	407.0	5.2	0.0	0.0	0.00	224.3	5.0	0.2	0.0	219.2	187.8	0.0
5	2B to Leslie		Aug 29	288.0	109.6	0.0	-9.4	0.02	224.3	56.1	53.5	0.0	158.1	129.9	0.0
4	Leslie to Moore		Aug 29	71.5	159.9	0.0	-56.6	0.20	224.3	85.6	74.4	0.0	41.4	30.0	0.0
2	Moore to blw Munsey		Aug 29	2.1	54.5	39.1	-54.0	0.76	224.3	10.1	15.7	28.6	0.0	2.1	0.0
1	Blw Munsey to Arco		Aug 29	1.9	0.0	0.0	-0.2	0.11	224.3	0.0	0.0	0.0	0.0	1.9	0.0
								TOTAL		246.2	145.2	28.6			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 29	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 29	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 29	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 29	0.0	0.0		18870601	75%
6	Reservoir to 2B	Aug 29	0.0	0.0		18870601	75%
5	2B to Leslie	Aug 29	5.1	4.3		18870601	75%
4	Leslie to Moore	Aug 29	31.1	25.5		18870601	75%
2	Moore to blw Munsey	Aug 29	31.3	22.7		18870601	75%
1	Blw Munsey to Arco	Aug 29	0.0	0.2		18870601	75%
		TOTAL	67.5	52.8	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
27990.0	27600.0	-390.0	-196.6	8.7

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-45275.6
Total Storage Deliver	-29208.8
Total Evaporation	-2301.0
Accounting Balance	26790.1
Current Res Content	27600.0
Storage Balance Error	-809.9

DAILY STORAGE BALANCE

27990.0	Reservoir Content Previous Day [ac-ft]
27600.0	Reservoir Content Current Day [ac-ft]
-390.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-108.2	Stored Flow Losses [ac-ft]
-4.3	2B to Leslie [cfs]
-25.5	Leslie to Moore [cfs]
-22.7	Moore blw Munsey [cfs]
-0.2	blw Munsey to Arco Gage [cfs]
-1.9	Past Arco Gage [cfs]
-279.8	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.2	Reservoir to 2B [cfs]
53.5	2B to Leslie [cfs]
74.4	Leslie to Moore [cfs]
13.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-17.2	Evaporation [ac-ft]
-405.2	Accounting Change in Storage [ac-ft]
-15.2	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

224.3	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
224.3	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
67.5	Natural Flow Losses below Reservoir [cfs]
5.1	2B to Leslie [cfs]
31.1	Leslie to Moore [cfs]
31.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
156.8	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
5.0	Reservoir to 2B [cfs]
56.1	2B to Leslie [cfs]
85.6	Leslie to Moore [cfs]
10.1	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
224.3	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	4.6	230
Eastside Felton Wier +	8.4	420
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	2.3	115
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.2	960
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	52.1	2605
Groundwater to Arco	8.0	400
Groundwater to Munsey	31.1	1555

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.5	225
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	1.5	77
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	35.8	1790
Total Out	41.8	2092

Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.80

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs --- Weirs + Groundwater Injection	= 80.3%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 31.4 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 4.4 cfs
Step 4 - River at Weirs	River at Eastside Out --- Abbreviated Reach Delivery Factor	= 5.5 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs --- Eastside In	= 70.6%
Step 6 - River at Eastside In	River at Weirs --- Upper Reach Delivery Factor	= 7.8 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 34.2 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs --- Canal at Eastside	= 66.3%
Step 9 - Eastside River Delivery Factor	River at Eastside Out --- River at Eastside In	= 56.7%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 29, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	5.2	0.2	87.4
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	15.6	1.5	886.9
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	37.8	19.0	2110.5
9	NEILSEN	35.0	1.4	868.5	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	56.2	33.0	3984.5
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	24.7	0.0	6.4	8	Broken River Pum	0.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	8.5	3.3	1284.6
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.8	0.8	373.7
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	2.8	4	MOORE	116.4	57.9	7045.6
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	34.2	13.7	8999.3
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	17.0	0.4	1593.5
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	37.5	12.5	1602.0
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	2.5	772.6	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.2	2155.0
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	2.3	234.1	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	54.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	1303.7	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	979.2	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 29, 2019	1.60	1.60	1.60	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 29, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 29, 2019	0.59	0.59	0.59	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 29, 2019	1.20	1.20	1.20	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 29, 2019	0.79	1.01	0.79	100.0%
18830601	224	854	MOORE	13132050	4	Aug 29, 2019	3.20	4.08	3.20	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 29, 2019	1.46	1.86	1.46	100.0%
18830601	221	855	MOORE	13132050	4	Aug 29, 2019	1.60	2.04	1.60	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 29, 2019	0.27	0.35	0.27	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 29, 2019	1.13	1.44	1.13	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 29, 2019	1.73	2.20	1.73	100.0%
18830810	85	1583	MOORE	13132050	4	Aug 29, 2019	0.18	0.23	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	Aug 29, 2019	0.54	0.69	0.54	100.0%
18830810	263	393	MOORE	13132050	4	Aug 29, 2019	0.18	0.23	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Aug 29, 2019	0.48	0.61	0.48	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 29, 2019	0.21	0.27	0.21	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Aug 29, 2019	0.21	0.27	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Aug 29, 2019	0.43	0.55	0.43	100.0%
18840422	236	30	BECK	13130525	4	Aug 29, 2019	1.64	2.09	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Aug 29, 2019	0.14	0.18	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 29, 2019	0.07	0.07	0.07	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Aug 29, 2019	1.30	1.33	1.30	100.0%
18840422	347	938	SWAUGER	13127600	5	Aug 29, 2019	0.76	0.78	0.76	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Aug 29, 2019	1.12	1.15	1.12	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 29, 2019	1.63	1.67	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 29, 2019	0.55	0.56	0.55	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 29, 2019	0.14	0.14	0.14	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 29, 2019	2.17	2.22	2.17	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 29, 2019	0.96	0.98	0.96	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 29, 2019	0.21	0.21	0.21	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 29, 2019	0.79	0.81	0.79	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 29, 2019	1.92	1.97	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 29, 2019	0.50	0.51	0.50	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 29, 2019	0.10	0.10	0.10	100.0%
18840422	24	120	SHARP	13126500	6	Aug 29, 2019	0.04	0.04	0.04	100.0%
18840422	347	938	SHARP	13126500	6	Aug 29, 2019	3.24	3.24	3.24	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 29, 2019	0.58	0.58	0.58	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 29, 2019	0.06	0.06	0.06	100.0%
18840422	397	10	SHARP	13126500	6	Aug 29, 2019	0.06	0.06	0.06	100.0%
18840422	284	228	SHARP	13126500	6	Aug 29, 2019	0.10	0.10	0.10	100.0%
18840430	141	1365	BECK	13130525	4	Aug 29, 2019	1.18	1.50	1.18	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 29, 2019	0.80	0.82	0.80	100.0%
18840430	623	2234	BURNETT	13127750	5	Aug 29, 2019	0.40	0.41	0.40	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 29, 2019	0.40	0.41	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 29, 2019	0.77	0.79	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 29, 2019	1.23	1.26	1.23	100.0%
18840520	180	470	MOORE	13132050	4	Aug 29, 2019	0.16	0.20	0.16	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 29, 2019	0.78	0.99	0.78	100.0%
18840520	96	451	MOORE	13132050	4	Aug 29, 2019	0.58	0.74	0.58	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 29, 2019	0.04	0.05	0.04	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 29, 2019	0.01	0.01	0.01	100.0%
18840520	433	271	MOORE	13132050	4	Aug 29, 2019	0.54	0.69	0.54	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 29, 2019	2.24	2.85	2.24	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 29, 2019	0.04	0.05	0.04	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 29, 2019	2.14	2.73	2.14	100.0%
18840520	14	2002	MOORE	13132050	4	Aug 29, 2019	0.02	0.03	0.02	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 29, 2019	1.60	2.04	1.60	100.0%
18840520	113	585	MOORE	13132050	4	Aug 29, 2019	0.10	0.13	0.10	100.0%
18840520	2550	510	MOORE	13132050	4	Aug 29, 2019	0.18	0.23	0.18	100.0%

18840520	2550	511	MOORE	13132050	4	Aug 29, 2019	1.34	1.71	1.34	100.0%
18840520	427	1	MOORE	13132050	4	Aug 29, 2019	1.10	1.40	1.10	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 29, 2019	0.01	0.01	0.01	100.0%
18840520	219	547	MOORE	13132050	4	Aug 29, 2019	1.15	1.47	1.15	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 29, 2019	1.15	1.47	1.15	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 29, 2019	1.60	2.04	1.60	100.0%
18840520	85	1584	MOORE	13132050	4	Aug 29, 2019	0.22	0.28	0.22	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 29, 2019	0.18	0.23	0.18	100.0%
18840520	263	394	MOORE	13132050	4	Aug 29, 2019	0.22	0.28	0.22	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 29, 2019	0.84	1.07	0.84	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 29, 2019	0.80	1.02	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Aug 29, 2019	0.36	0.37	0.36	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 29, 2019	0.72	0.74	0.72	100.0%
18840601	85	1585	MOORE	13132050	4	Aug 29, 2019	0.08	0.10	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Aug 29, 2019	0.54	0.69	0.54	100.0%
18840601	263	395	MOORE	13132050	4	Aug 29, 2019	0.08	0.10	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 29, 2019	1.28	1.63	1.28	100.0%
18840601	85	1544	MOORE	13132050	4	Aug 29, 2019	0.09	0.11	0.09	100.0%
18840601	15	131	MOORE	13132050	4	Aug 29, 2019	0.37	0.47	0.37	100.0%
18840601	96	453	MOORE	13132050	4	Aug 29, 2019	0.21	0.27	0.21	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 29, 2019	0.80	0.82	0.80	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 29, 2019	0.04	0.04	0.04	100.0%
18840601	623	2134	BURNETT	13127750	5	Aug 29, 2019	0.20	0.20	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Aug 29, 2019	0.27	0.27	0.27	100.0%
18840601	151	1042	BURNETT	13127750	5	Aug 29, 2019	0.23	0.24	0.23	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 29, 2019	0.28	0.29	0.28	100.0%
18840601	623	2182	BURNETT	13127750	5	Aug 29, 2019	0.15	0.16	0.15	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 29, 2019	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 29, 2019	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 29, 2019	1.20	1.53	1.20	100.0%
18840715	15	799	MOORE	13132050	4	Aug 29, 2019	0.61	0.78	0.61	100.0%
18840715	459	798	MOORE	13132050	4	Aug 29, 2019	0.80	1.02	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 29, 2019	1.20	1.53	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 29, 2019	0.80	1.02	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 29, 2019	0.80	1.02	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 29, 2019	0.95	1.21	0.95	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 29, 2019	0.80	1.02	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 29, 2019	0.80	1.02	0.80	100.0%
18840831	533	421	MOORE	13132050	4	Aug 29, 2019	0.14	0.18	0.14	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 29, 2019	0.50	0.64	0.50	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Aug 29, 2019	1.31	1.67	1.31	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Aug 29, 2019	0.40	0.51	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Aug 29, 2019	0.44	0.56	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 29, 2019	0.40	0.51	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 29, 2019	3.20	4.08	3.20	100.0%
18841012	205	2067	BECK	13130525	4	Aug 29, 2019	1.76	2.24	1.76	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 29, 2019	0.89	1.13	0.89	100.0%
18841012	70	341	MOORE	13132050	4	Aug 29, 2019	0.31	0.39	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	Aug 29, 2019	1.02	1.30	1.02	100.0%
18841012	459	342	MOORE	13132050	4	Aug 29, 2019	0.58	0.74	0.58	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 29, 2019	2.77	2.84	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 29, 2019	0.74	0.76	0.74	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 29, 2019	2.18	2.23	2.18	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 29, 2019	0.04	0.04	0.04	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 29, 2019	0.43	0.44	0.43	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 29, 2019	0.81	0.83	0.81	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 29, 2019	3.30	3.38	3.30	100.0%
18841012	347	1974	SWAUGER	13127600	5	Aug 29, 2019	0.20	0.21	0.20	100.0%
18841012	347	1974	SHARP	13126500	6	Aug 29, 2019	0.86	0.86	0.86	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 29, 2019	1.65	1.69	1.65	100.0%
18850218	496	1892	DARLINGTON	13127735	5	Aug 29, 2019	0.24	0.25	0.24	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 29, 2019	2.00	2.05	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 29, 2019	0.61	0.62	0.61	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 29, 2019	0.79	0.81	0.79	100.0%

18850501	423	186	ARCO	13132365	2	Aug 29, 2019	0.26	1.35	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Aug 29, 2019	0.20	1.04	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 29, 2019	0.24	0.31	0.24	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Aug 29, 2019	2.00	2.55	2.00	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 29, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 29, 2019	0.50	0.50	0.50	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Aug 29, 2019	0.20	0.25	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 29, 2019	0.20	0.25	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 29, 2019	0.04	0.05	0.04	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 29, 2019	0.30	0.38	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Aug 29, 2019	0.06	0.08	0.06	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 29, 2019	0.01	0.01	0.01	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 29, 2019	1.37	1.40	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 29, 2019	0.11	0.11	0.11	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 29, 2019	0.19	0.19	0.19	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 29, 2019	1.56	1.98	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Aug 29, 2019	3.20	4.08	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 29, 2019	2.00	2.05	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 29, 2019	3.20	3.28	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Aug 29, 2019	0.59	0.75	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 29, 2019	1.20	1.53	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Aug 29, 2019	0.40	0.41	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 29, 2019	1.54	1.58	1.54	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 29, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 29, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 29, 2019	3.08	3.15	3.08	100.0%
18851002	356	42	ARCO	13132365	2	Aug 29, 2019	4.50	23.41	4.50	100.0%
18851002	356	82	ARCO	13132365	2	Aug 29, 2019	2.88	14.98	2.88	100.0%
18851002	437	62	ARCO	13132365	2	Aug 29, 2019	1.54	8.01	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 29, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 29, 2019	2.60	3.31	2.60	100.0%
18860501	417	644	MOORE	13132050	4	Aug 29, 2019	1.20	1.53	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 29, 2019	5.76	7.34	5.76	100.0%
18860512	85	1588	MOORE	13132050	4	Aug 29, 2019	0.18	0.23	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Aug 29, 2019	0.48	0.61	0.48	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Aug 29, 2019	1.35	1.72	1.35	100.0%
18860601	90	1377	MOORE	13132050	4	Aug 29, 2019	2.40	3.06	2.40	100.0%
18860601	16	1009	MOORE	13132050	4	Aug 29, 2019	2.52	3.21	2.52	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 29, 2019	1.60	2.04	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Aug 29, 2019	1.24	1.58	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	Aug 29, 2019	1.60	1.64	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	Aug 29, 2019	0.04	0.05	0.04	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Aug 29, 2019	1.34	1.71	1.34	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 29, 2019	1.31	1.34	1.31	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 29, 2019	0.80	0.82	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 29, 2019	2.04	2.09	2.04	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 29, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 29, 2019	0.34	0.35	0.34	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 29, 2019	0.24	0.25	0.24	100.0%
18860914	490	1795	BURNETT	13127750	5	Aug 29, 2019	1.26	1.29	1.26	100.0%
18870313	459	338	MOORE	13132050	4	Aug 29, 2019	0.42	0.54	0.42	100.0%
18870313	459	682	MOORE	13132050	4	Aug 29, 2019	0.65	0.83	0.65	100.0%
18870313	70	337	MOORE	13132050	4	Aug 29, 2019	0.23	0.29	0.23	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 29, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 29, 2019	1.80	1.80	1.80	100.0%
18870601	423	1028	ARCO	13132365	2	Aug 29, 2019	0.80	4.16	0.60	75.4%
18870601	423	76	ARCO	13132365	2	Aug 29, 2019	0.22	1.14	0.17	75.4%
18870601	496	1893	DARLINGTON	13127735	5	Aug 29, 2019	0.17	0.17	0.13	75.4%
18870601	252	353	DARLINGTON	13127735	5	Aug 29, 2019	0.43	0.44	0.32	75.4%
18870601	490	1783	BURNETT	13127750	5	Aug 29, 2019	0.95	0.97	0.72	75.4%
18870601	490	1747	BURNETT	13127750	5	Aug 29, 2019	0.25	0.26	0.19	75.4%
18870601	139	845	BURNETT	13127750	5	Aug 29, 2019	0.92	0.94	0.69	75.4%
18880401	682	2139	NEILSEN	13120805	9	Aug 29, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 29, 2019	0.43	0.43	0.43	100.0%

18880601	629	1497	HOWELL	13120490	10	Aug 29, 2019	1.60	1.60	1.60	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 29, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 29, 2019	0.30	0.30	0.30	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 29, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 29, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 29, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 29, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 29, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 29, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 29, 2019	0.74	0.74	0.74	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 29, 2019	1.60	1.60	1.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 29, 2019	2.00	2.00	2.00	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 29, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 29, 2019	3.20	3.20	3.20	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 29, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 29, 2019	0.18	0.18	0.18	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 29, 2019	2.00	2.00	2.00	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 29, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 29, 2019	0.60	0.60	0.60	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 29, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 29, 2019	0.01	0.01	0.01	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 29, 2019	6.00	6.00	6.00	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 29, 2019	0.90	0.90	0.90	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 29, 2019	1.85	1.85	1.85	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 29, 2019	2.70	2.70	2.70	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 29, 2019	1.60	1.60	1.60	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 29, 2019	2.91	2.91	2.91	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 29, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 29, 2019	2.00	2.00	2.00	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 29, 2019	0.62	0.62	0.62	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 29, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 29, 2019	0.46	0.46	0.46	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 29, 2019	1.60	1.60	1.60	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 29, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 29, 2019	0.13	0.13	0.13	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 29, 2019	0.40	0.40	0.40	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 29, 2019	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 29, 2019	1.30	1.30	1.30	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 29, 2019	0.50	0.50	0.50	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 29, 2019	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 29, 2019	0.30	0.30	0.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 29, 2019	0.65	0.65	0.65	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 29, 2019	0.10	0.10	0.10	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 29, 2019	0.28	0.28	0.28	100.0%
19070501	358	321	NEILSEN	13120805	9	Aug 29, 2019	1.00	1.00	1.00	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 29, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 29, 2019	1.37	1.37	1.37	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 29, 2019	0.75	0.75	0.75	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 29, 2019	0.78	0.78	0.78	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 29, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 29, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 29, 2019	1.40	1.40	1.40	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 29, 2019	2.30	2.30	2.30	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 29, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 29, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 30, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		Aug 30	153.0	2.5	0.0	155.5	0.00	155.5	2.5	0.0	0.0	153.0	0.0	0.0
9	Howell to Chilly		Aug 30	0.0	59.7	0.0	-93.3	1.00	62.2	58.2	1.4	0.0	1.4	-1.4	0.0
8	Chilly to Reservoir	*	Aug 30	222.7	28.6	0.0	251.3	0.00	313.4	28.6	0.0	0.0	224.1	-1.4	0.0
	Disconnected														
7	Mackay Reservoir	*	Aug 30	409.4	0.0	0.0	222.7	0.00	222.7	0.0		0.0	222.7	186.7	0.0
6	Reservoir to 2B		Aug 30	404.0	5.4	0.0	0.0	0.00	222.7	5.1	0.3	0.0	217.5	186.5	0.0
5	2B to Leslie		Aug 30	285.0	103.6	0.0	-15.4	0.04	222.7	54.1	49.5	0.0	155.2	129.8	0.0
4	Leslie to Moore		Aug 30	75.0	157.0	0.0	-53.0	0.19	222.7	86.5	70.6	0.0	39.9	35.1	0.0
2	Moore to blw Munsey		Aug 30	1.8	59.0	39.1	-53.3	0.71	222.7	11.5	19.8	27.6	0.0	1.8	0.0
1	Blw Munsey to Arco		Aug 30	2.1	0.0	0.0	0.3	0.00	223.0	0.0	0.0	0.0	0.3	1.8	0.0
								TOTAL		246.6	141.6	27.6			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 30	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 30	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 30	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 30	0.0	0.0		18870601	25%
6	Reservoir to 2B	Aug 30	0.0	0.0		18870601	25%
5	2B to Leslie	Aug 30	8.3	7.1		18870601	25%
4	Leslie to Moore	Aug 30	28.9	24.1		18870601	25%
2	Moore to blw Munsey	Aug 30	28.3	25.0		18870601	25%
1	Blw Munsey to Arco	Aug 30	0.0	0.0		18870601	25%
		TOTAL	65.5	56.2	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
27600.0	27210.0	-390.0	-196.6	9.9

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-45390.6
Total Storage Deliver	-29486.9
Total Evaporation	-2320.7
Accounting Balance	26377.3
Current Res Content	27210.0
Storage Balance Error	-832.7

DAILY STORAGE BALANCE

27600.0	Reservoir Content Previous Day [ac-ft]
27210.0	Reservoir Content Current Day [ac-ft]
-390.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-115.0	Stored Flow Losses [ac-ft]
-7.1	2B to Leslie [cfs]
-24.1	Leslie to Moore [cfs]
-25.0	Moore blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-1.8	Past Arco Gage [cfs]
-273.8	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.3	Reservoir to 2B [cfs]
49.5	2B to Leslie [cfs]
70.6	Leslie to Moore [cfs]
17.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-19.7	Evaporation [ac-ft]
-408.5	Accounting Change in Storage [ac-ft]
-18.5	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

222.7	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.3	Gain in Reach 1: Munsey to Arco [cfs]
223.0	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
65.8	Natural Flow Losses below Reservoir [cfs]
8.3	2B to Leslie [cfs]
28.9	Leslie to Moore [cfs]
28.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.3	Natural Flow Past Arco Gage [cfs]
157.2	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
5.1	Reservoir to 2B [cfs]
54.1	2B to Leslie [cfs]
86.5	Leslie to Moore [cfs]
11.5	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
223.0	Natural Flow Delivered & Lost [cfs]
0.0	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.4	420
Eastside Felton Wier +	8.9	445
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	2.3	115
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.2	960
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	56.4	2820
Groundwater to Arco	8.0	400
Groundwater to Munsey	31.1	1555

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.5	225
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	1.5	77
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	37.0	1850
Total Out	43.0	2152

Abbreviated Reach Delivery Factor 0.76
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 76.3%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 29.8 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 7.2 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 9.4 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 75.8%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 12.4 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 31.6 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 69.9%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 57.9%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 30, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.5	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	5.4	0.3	87.9
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	13.6	0.9	888.7
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	33.0	15.4	2141.1
9	NEILSEN	35.0	1.4	871.3	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	57.0	33.2	4050.4
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	24.7	0.0	6.4	8	Broken River Pum	0.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	8.2	3.0	1290.5
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.8	0.8	375.3
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	2.8	4	MOORE	116.4	57.0	7158.7
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	31.6	11.1	9021.2
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	17.0	1.3	1596.0
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.0	0.0	0.0	2	MUNSEY	42.0	16.4	1634.5
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	2.5	777.5	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.2	2231.2
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	2.3	243.2	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	54.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	1341.8	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	1011.0	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 30, 2019	1.60	1.60	1.60	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 30, 2019	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 30, 2019	0.59	0.59	0.59	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 30, 2019	1.20	1.20	1.20	100.0%
18830601	224	854	MOORE	13132050	4	Aug 30, 2019	3.20	4.09	3.20	100.0%
18830601	106	1082	MOORE	13132050	4	Aug 30, 2019	1.54	1.97	1.54	100.0%
18830601	221	855	MOORE	13132050	4	Aug 30, 2019	1.60	2.04	1.60	100.0%
18830601	566	1778	MOORE	13132050	4	Aug 30, 2019	0.27	0.35	0.27	100.0%
18830601	2331	465	MOORE	13132050	4	Aug 30, 2019	0.79	1.01	0.79	100.0%
18830630	223	1192	MOORE	13132050	4	Aug 30, 2019	1.73	2.21	1.73	100.0%
18830630	331	1150	MOORE	13132050	4	Aug 30, 2019	1.13	1.44	1.13	100.0%
18830810	96	449	MOORE	13132050	4	Aug 30, 2019	0.48	0.61	0.48	100.0%
18830810	2332	1088	MOORE	13132050	4	Aug 30, 2019	0.58	0.74	0.58	100.0%
18830810	85	1583	MOORE	13132050	4	Aug 30, 2019	0.18	0.23	0.18	100.0%
18830810	263	393	MOORE	13132050	4	Aug 30, 2019	0.18	0.23	0.18	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 30, 2019	0.21	0.27	0.21	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Aug 30, 2019	0.43	0.55	0.43	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Aug 30, 2019	0.21	0.27	0.21	100.0%
18840422	236	30	BECK	13130525	4	Aug 30, 2019	1.64	2.09	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Aug 30, 2019	0.14	0.18	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Aug 30, 2019	0.73	0.75	0.73	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Aug 30, 2019	1.12	1.16	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 30, 2019	0.07	0.07	0.07	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 30, 2019	1.63	1.69	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 30, 2019	0.55	0.57	0.55	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 30, 2019	0.14	0.15	0.14	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 30, 2019	0.96	1.00	0.96	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 30, 2019	2.17	2.26	2.17	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 30, 2019	0.79	0.82	0.79	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 30, 2019	1.92	2.00	1.92	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 30, 2019	0.21	0.22	0.21	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 30, 2019	0.50	0.52	0.50	100.0%
18840422	24	120	SHARP	13126500	6	Aug 30, 2019	0.04	0.04	0.04	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 30, 2019	0.10	0.10	0.10	100.0%
18840422	284	228	SHARP	13126500	6	Aug 30, 2019	0.10	0.10	0.10	100.0%
18840422	347	938	SHARP	13126500	6	Aug 30, 2019	3.28	3.28	3.28	100.0%
18840422	397	10	SHARP	13126500	6	Aug 30, 2019	0.08	0.08	0.08	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 30, 2019	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 30, 2019	0.60	0.60	0.60	100.0%
18840430	141	1365	BECK	13130525	4	Aug 30, 2019	1.20	1.53	1.20	100.0%
18840430	73	2020	BURNETT	13127750	5	Aug 30, 2019	1.23	1.28	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 30, 2019	0.77	0.80	0.77	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 30, 2019	0.40	0.42	0.40	100.0%
18840430	623	2234	BURNETT	13127750	5	Aug 30, 2019	0.40	0.42	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 30, 2019	0.80	0.83	0.80	100.0%
18840520	187	1935	MOORE	13132050	4	Aug 30, 2019	0.04	0.05	0.04	100.0%
18840520	219	547	MOORE	13132050	4	Aug 30, 2019	1.15	1.47	1.15	100.0%
18840520	2550	511	MOORE	13132050	4	Aug 30, 2019	1.44	1.84	1.44	100.0%
18840520	96	451	MOORE	13132050	4	Aug 30, 2019	0.58	0.74	0.58	100.0%
18840520	263	394	MOORE	13132050	4	Aug 30, 2019	0.22	0.28	0.22	100.0%
18840520	463	1300	MOORE	13132050	4	Aug 30, 2019	1.60	2.04	1.60	100.0%
18840520	566	1782	MOORE	13132050	4	Aug 30, 2019	0.77	0.98	0.77	100.0%
18840520	459	1478	MOORE	13132050	4	Aug 30, 2019	0.01	0.01	0.01	100.0%
18840520	414	1796	MOORE	13132050	4	Aug 30, 2019	1.60	2.04	1.60	100.0%
18840520	113	585	MOORE	13132050	4	Aug 30, 2019	0.11	0.14	0.11	100.0%
18840520	187	1872	MOORE	13132050	4	Aug 30, 2019	0.01	0.01	0.01	100.0%
18840520	433	271	MOORE	13132050	4	Aug 30, 2019	0.54	0.69	0.54	100.0%
18840520	187	1871	MOORE	13132050	4	Aug 30, 2019	0.18	0.23	0.18	100.0%
18840520	604	2054	MOORE	13132050	4	Aug 30, 2019	1.15	1.47	1.15	100.0%

18840520	14	2002	MOORE	13132050	4	Aug 30, 2019	0.02	0.03	0.02	100.0%
18840520	2331	463	MOORE	13132050	4	Aug 30, 2019	2.24	2.86	2.24	100.0%
18840520	2331	471	MOORE	13132050	4	Aug 30, 2019	2.14	2.73	2.14	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 30, 2019	0.04	0.05	0.04	100.0%
18840520	2333	657	MOORE	13132050	4	Aug 30, 2019	0.88	1.12	0.88	100.0%
18840520	2550	510	MOORE	13132050	4	Aug 30, 2019	0.18	0.23	0.18	100.0%
18840520	427	1	MOORE	13132050	4	Aug 30, 2019	1.12	1.43	1.12	100.0%
18840520	180	470	MOORE	13132050	4	Aug 30, 2019	0.16	0.20	0.16	100.0%
18840520	85	1584	MOORE	13132050	4	Aug 30, 2019	0.22	0.28	0.22	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 30, 2019	0.80	1.02	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Aug 30, 2019	0.34	0.35	0.34	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 30, 2019	0.72	0.75	0.72	100.0%
18840601	359	1012	MOORE	13132050	4	Aug 30, 2019	1.28	1.63	1.28	100.0%
18840601	85	1544	MOORE	13132050	4	Aug 30, 2019	0.09	0.11	0.09	100.0%
18840601	15	131	MOORE	13132050	4	Aug 30, 2019	0.37	0.47	0.37	100.0%
18840601	263	395	MOORE	13132050	4	Aug 30, 2019	0.08	0.10	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Aug 30, 2019	0.54	0.69	0.54	100.0%
18840601	96	453	MOORE	13132050	4	Aug 30, 2019	0.21	0.27	0.21	100.0%
18840601	85	1585	MOORE	13132050	4	Aug 30, 2019	0.08	0.10	0.08	100.0%
18840601	623	2182	BURNETT	13127750	5	Aug 30, 2019	0.27	0.28	0.27	100.0%
18840601	151	1042	BURNETT	13127750	5	Aug 30, 2019	0.23	0.24	0.23	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 30, 2019	0.44	0.46	0.44	100.0%
18840601	623	2181	BURNETT	13127750	5	Aug 30, 2019	0.27	0.28	0.27	100.0%
18840601	623	2134	BURNETT	13127750	5	Aug 30, 2019	0.20	0.21	0.20	100.0%
18840601	73	2026	BURNETT	13127750	5	Aug 30, 2019	0.26	0.27	0.26	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 30, 2019	0.80	0.83	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 30, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 30, 2019	0.80	0.80	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Aug 30, 2019	1.20	1.53	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Aug 30, 2019	0.80	1.02	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Aug 30, 2019	0.80	1.02	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Aug 30, 2019	1.20	1.53	1.20	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 30, 2019	0.80	1.02	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Aug 30, 2019	0.67	0.86	0.67	100.0%
18840731	44	1131	MOORE	13132050	4	Aug 30, 2019	0.80	1.02	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Aug 30, 2019	0.80	1.02	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Aug 30, 2019	1.07	1.37	1.07	100.0%
18840831	533	421	MOORE	13132050	4	Aug 30, 2019	0.14	0.18	0.14	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 30, 2019	0.40	0.51	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Aug 30, 2019	1.31	1.67	1.31	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 30, 2019	0.50	0.64	0.50	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Aug 30, 2019	0.40	0.51	0.40	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Aug 30, 2019	0.44	0.56	0.44	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 30, 2019	3.20	4.09	3.20	100.0%
18841012	205	2067	BECK	13130525	4	Aug 30, 2019	1.76	2.25	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Aug 30, 2019	0.31	0.40	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Aug 30, 2019	0.58	0.74	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 30, 2019	0.89	1.14	0.89	100.0%
18841012	433	1081	MOORE	13132050	4	Aug 30, 2019	1.12	1.43	1.12	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 30, 2019	0.74	0.77	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 30, 2019	3.30	3.43	3.30	100.0%
18841012	347	1974	SWAUGER	13127600	5	Aug 30, 2019	0.19	0.20	0.19	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 30, 2019	0.43	0.45	0.43	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 30, 2019	0.81	0.84	0.81	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 30, 2019	0.04	0.04	0.04	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 30, 2019	2.77	2.88	2.77	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 30, 2019	2.16	2.25	2.16	100.0%
18841012	347	1974	SHARP	13126500	6	Aug 30, 2019	0.87	0.87	0.87	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 30, 2019	2.00	2.08	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	Aug 30, 2019	0.61	0.63	0.61	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 30, 2019	0.79	0.82	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 30, 2019	1.65	1.72	1.65	100.0%
18850218	496	1892	DARLINGTON	13127735	5	Aug 30, 2019	0.24	0.25	0.24	100.0%
18850501	423	186	ARCO	13132365	2	Aug 30, 2019	0.26	1.15	0.26	100.0%

18850501	423	87	ARCO	13132365	2	Aug 30, 2019	0.20	0.88	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 30, 2019	0.24	0.31	0.24	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Aug 30, 2019	2.00	2.55	2.00	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 30, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 30, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 30, 2019	0.20	0.26	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 30, 2019	0.04	0.05	0.04	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Aug 30, 2019	0.20	0.26	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 30, 2019	0.30	0.38	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Aug 30, 2019	0.14	0.18	0.14	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 30, 2019	0.19	0.20	0.19	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 30, 2019	0.01	0.01	0.01	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 30, 2019	1.37	1.42	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 30, 2019	0.11	0.11	0.11	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 30, 2019	1.56	1.99	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Aug 30, 2019	3.20	4.09	3.20	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 30, 2019	3.20	3.33	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 30, 2019	2.00	2.08	2.00	100.0%
18850601	205	2064	BECK	13130525	4	Aug 30, 2019	0.59	0.75	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 30, 2019	1.20	1.53	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Aug 30, 2019	0.40	0.42	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 30, 2019	1.54	1.60	1.54	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 30, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 30, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 30, 2019	3.08	3.20	3.08	100.0%
18851002	356	82	ARCO	13132365	2	Aug 30, 2019	2.88	12.71	2.88	100.0%
18851002	356	42	ARCO	13132365	2	Aug 30, 2019	4.50	19.86	4.50	100.0%
18851002	437	62	ARCO	13132365	2	Aug 30, 2019	1.54	6.80	1.54	100.0%
18851002	318	817	MUNSEY	13132375	2	Aug 30, 2019	0.80	3.53	0.80	100.0%
18851002	318	545	MUNSEY	13132375	2	Aug 30, 2019	0.75	3.31	0.75	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 30, 2019	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	Aug 30, 2019	1.20	1.53	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 30, 2019	2.80	3.58	2.80	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 30, 2019	5.76	7.36	5.76	100.0%
18860512	263	398	MOORE	13132050	4	Aug 30, 2019	0.02	0.03	0.02	100.0%
18860512	96	459	MOORE	13132050	4	Aug 30, 2019	0.48	0.61	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Aug 30, 2019	0.18	0.23	0.18	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Aug 30, 2019	1.35	1.72	1.35	100.0%
18860601	90	1377	MOORE	13132050	4	Aug 30, 2019	2.40	3.07	2.40	100.0%
18860601	16	1009	MOORE	13132050	4	Aug 30, 2019	2.52	3.22	2.52	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Aug 30, 2019	1.24	1.58	1.24	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 30, 2019	1.60	2.04	1.60	100.0%
18860601	357	1288	BURNETT	13127750	5	Aug 30, 2019	1.60	1.66	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	Aug 30, 2019	0.04	0.05	0.04	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Aug 30, 2019	1.34	1.71	1.34	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 30, 2019	0.37	0.38	0.37	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 30, 2019	2.48	2.58	2.48	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 30, 2019	0.80	0.83	0.80	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 30, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 30, 2019	0.34	0.35	0.34	100.0%
18860914	490	1795	BURNETT	13127750	5	Aug 30, 2019	1.26	1.31	1.26	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 30, 2019	1.00	1.04	1.00	100.0%
18870313	70	337	MOORE	13132050	4	Aug 30, 2019	0.23	0.29	0.23	100.0%
18870313	459	682	MOORE	13132050	4	Aug 30, 2019	0.65	0.83	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Aug 30, 2019	0.42	0.54	0.42	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 30, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 30, 2019	1.80	1.80	1.80	100.0%
18870601	423	1028	ARCO	13132365	2	Aug 30, 2019	0.80	3.53	0.20	25.1%
18870601	423	76	ARCO	13132365	2	Aug 30, 2019	0.22	0.97	0.06	25.1%
18870601	19	892	MUNSEY	13132375	2	Aug 30, 2019	1.40	6.18	0.35	25.1%
18870601	252	353	DARLINGTON	13127735	5	Aug 30, 2019	0.43	0.45	0.11	25.1%
18870601	496	1893	DARLINGTON	13127735	5	Aug 30, 2019	0.17	0.18	0.04	25.1%
18870601	490	1783	BURNETT	13127750	5	Aug 30, 2019	0.95	0.99	0.24	25.1%
18870601	490	1747	BURNETT	13127750	5	Aug 30, 2019	0.25	0.26	0.06	25.1%

18870601	139	845	BURNETT	13127750	5	Aug 30, 2019	0.92	0.96	0.23	25.1%
18880401	2329	1733	NEILSEN	13120805	9	Aug 30, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 30, 2019	0.20	0.20	0.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 30, 2019	1.60	1.60	1.60	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 30, 2019	0.30	0.30	0.30	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 30, 2019	0.65	0.65	0.65	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 30, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 30, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 30, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 30, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 30, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 30, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 30, 2019	0.74	0.74	0.74	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 30, 2019	1.60	1.60	1.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 30, 2019	2.00	2.00	2.00	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 30, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 30, 2019	3.20	3.20	3.20	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 30, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 30, 2019	0.18	0.18	0.18	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 30, 2019	2.00	2.00	2.00	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 30, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 30, 2019	0.60	0.60	0.60	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 30, 2019	0.01	0.01	0.01	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 30, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 30, 2019	6.00	6.00	6.00	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 30, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 30, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 30, 2019	2.70	2.70	2.70	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 30, 2019	1.85	1.85	1.85	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 30, 2019	2.91	2.91	2.91	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 30, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 30, 2019	2.00	2.00	2.00	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 30, 2019	0.62	0.62	0.62	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 30, 2019	0.49	0.49	0.49	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 30, 2019	0.46	0.46	0.46	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 30, 2019	1.60	1.60	1.60	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 30, 2019	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 30, 2019	0.13	0.13	0.13	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 30, 2019	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 30, 2019	0.30	0.30	0.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 30, 2019	0.65	0.65	0.65	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 30, 2019	0.82	0.82	0.82	100.0%
19050501	255	402	NEILSEN	13120805	9	Aug 30, 2019	0.50	0.50	0.50	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 30, 2019	1.30	1.30	1.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 30, 2019	0.40	0.40	0.40	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 30, 2019	0.10	0.10	0.10	100.0%
19050905	629	1499	HOWELL	13120490	10	Aug 30, 2019	0.28	0.28	0.28	100.0%
19070501	358	321	NEILSEN	13120805	9	Aug 30, 2019	1.00	1.00	1.00	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 30, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 30, 2019	1.37	1.37	1.37	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 30, 2019	0.75	0.75	0.75	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 30, 2019	0.78	0.78	0.78	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 30, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 30, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 30, 2019	1.40	1.40	1.40	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 30, 2019	2.30	2.30	2.30	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 30, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 30, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 31, 2019 20190910

	Reach Flows in cfs		Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage		Aug 31	154.0	2.0	0.0	156.0	0.00	156.0	2.0	0.0	0.0	154.0	0.0	0.0
9	Howell to Chilly		Aug 31	0.0	60.7	0.0	-93.3	1.00	62.7	59.2	1.4	0.0	1.4	-1.4	0.0
8	Chilly to Reservoir	*	Aug 31	240.0	32.1	0.0	272.1	0.00	334.8	32.1	0.0	0.0	241.4	-1.4	0.0
	Disconnected														
7	Mackay Reservoir	*	Aug 31	412.6	0.0	0.0	240.0	0.00	240.0	0.0		0.0	240.0	172.6	0.0
6	Reservoir to 2B		Aug 31	407.0	5.6	0.0	0.0	0.00	240.0	5.5	0.1	0.0	234.5	172.5	0.0
5	2B to Leslie		Aug 31	179.0	107.4	0.0	-120.6	0.30	240.0	67.5	39.9	0.0	97.5	81.5	0.0
4	Leslie to Moore		Aug 31	69.3	155.8	0.0	46.1	0.00	286.1	88.2	67.6	0.0	55.4	13.9	0.0
2	Moore to blw Munsey		Aug 31	1.7	55.0	39.1	-51.7	0.75	286.1	14.1	14.3	26.6	0.0	1.7	0.0
1	Blw Munsey to Arco		Aug 31	1.4	0.0	0.0	-0.3	0.17	286.1	0.0	0.0	0.0	0.0	1.4	0.0
								TOTAL		268.6	123.3	26.6			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Aug 31	0.0	0.0		19171003	100%
9	Howell to Chilly	Aug 31	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Aug 31	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Aug 31	0.0	0.0		18890601	77%
6	Reservoir to 2B	Aug 31	0.0	0.0		18890601	77%
5	2B to Leslie	Aug 31	69.5	51.1		18890601	77%
4	Leslie to Moore	Aug 31	0.0	0.0		18890601	77%
2	Moore to blw Munsey	Aug 31	41.3	10.3		18890601	77%
1	Blw Munsey to Arco	Aug 31	0.0	0.3		18890601	77%
	TOTAL		110.8	61.7	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
27210.0	26850.0	-360.0	-181.5	8.9

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-45515.8
Total Storage Deliver	-29728.7
Total Evaporation	-2338.3
Accounting Balance	25992.7
Current Res Content	26850.0
Storage Balance Error	-857.3

DAILY STORAGE BALANCE

```
 27210.0 Reservoir Content Previous Day [ac-ft]
 26850.0 Reservoir Content Current Day [ac-ft]
  -360.0 Physical Change in Storage [ac-ft]
-------------------------------------------------------
             0.0 Storage Allocated to Mackay Reservoir [ac-ft]

          -125.2 Stored Flow Losses [ac-ft]
               -51.1 2B to Leslie [cfs]
                 0.0 Leslie to Moore [cfs]
               -10.3 Moore blw Munsey [cfs]
                -0.3 blw Munsey to Arco Gage [cfs]
                -1.4 Past Arco Gage [cfs]

          -238.4 Storage Delivered [ac-ft]
                 --- Above Reservoir [cfs]
                 0.1 Reservoir to 2B [cfs]
                39.9 2B to Leslie [cfs]
                67.6 Leslie to Moore [cfs]
                12.6 Moore to blw Munsey [cfs]
                 0.0 blw Munsey to Arco Gage [cfs]

           -17.6 Evaporation [ac-ft]

  -381.2 Accounting Change in Storage [ac-ft]
-------------------------------------------------------
   -21.2 Balance [ac-ft]
```

DAILY NATURAL FLOW BALANCE

```
   240.0 Gain in/above Mackay Reservoir [cfs]
     0.0 Gain in Reach 5: 2-B to Leslie [cfs]
    46.1 Gain in Reach 4: Leslie to Moore [cfs]
     0.0 Gain in Reach 2: Moore to Munsey [cfs]
     0.0 Gain in Reach 1: Munsey to Arco [cfs]
-------------------------------------------------------
   286.1 Total Available Natural Flow [cfs]
-------------------------------------------------------
             0.0 Reservoir Rights Diverted [cfs]

           110.8 Natural Flow Losses below Reservoir [cfs]
                 69.5 2B to Leslie [cfs]
                  0.0 Leslie to Moore [cfs]
                 41.3 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]
                  0.0 Natural Flow Past Arco Gage [cfs]

           175.3 Natural Flow Delivered [cfs]
                  --- Above Reservoir Storage Use [cfs]
                  5.5 Reservoir to 2B [cfs]
                 67.5 2B to Leslie [cfs]
                 88.2 Leslie to Moore [cfs]
                 14.1 Moore to blw Munsey [cfs]
                  0.0 blw Munsey to Arco Gage [cfs]

   286.1 Natural Flow Delivered & Lost [cfs]
-------------------------------------------------------
     0.0 Balance [cfs]
```

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.4	420
Eastside Felton Wier +	9.6	480
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	2.3	115
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.2	960
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	57.1	2855
Groundwater to Arco	8.0	400
Groundwater to Munsey	31.1	1555

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.5	225
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	1.5	77
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	35.3	1765
Total Out	41.3	2067

Abbreviated Reach Delivery Factor Total Out Divided By Total In	0.72

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 72.4%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 28.3 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 7.0 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 9.7 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 77.4%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 12.5 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 31.5 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 70.1%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 56.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Aug 31, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	5.6	0.1	88.1
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	13.6	0.0	888.7
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	35.8	16.1	2173.0
9	NEILSEN	34.0	1.4	874.1	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	58.0	23.8	4097.7
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	26.7	0.0	6.4	8	Broken River Pum	3.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	10.5	4.5	1299.5
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	0.8	0.8	376.9
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	2.8	4	MOORE	113.0	65.1	7287.8
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	31.5	11.9	9044.8
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	17.0	0.5	1596.9
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	38.0	12.1	1658.6
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	3.0	783.5	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.2	2307.4
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	2.3	252.3	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	54.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	1379.9	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	1042.7	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Aug 31, 2019	1.60	1.60	1.60	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Aug 31, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Aug 31, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Aug 31, 2019	1.20	1.20	1.20	100.0%
18830601	221	855	MOORE	13132050	4	Aug 31, 2019	1.60	2.27	1.13	70.4%
18830601	566	1778	MOORE	13132050	4	Aug 31, 2019	0.27	0.39	0.19	70.4%
18830601	224	854	MOORE	13132050	4	Aug 31, 2019	3.20	4.55	2.25	70.4%
18830601	2331	465	MOORE	13132050	4	Aug 31, 2019	0.79	1.12	0.56	70.4%
18830601	106	1082	MOORE	13132050	4	Aug 31, 2019	1.50	2.13	1.06	70.4%
18830630	331	1150	MOORE	13132050	4	Aug 31, 2019	1.13	1.61	0.80	70.4%
18830630	223	1192	MOORE	13132050	4	Aug 31, 2019	1.73	2.46	1.22	70.4%
18830810	96	449	MOORE	13132050	4	Aug 31, 2019	0.48	0.68	0.34	70.4%
18830810	85	1583	MOORE	13132050	4	Aug 31, 2019	0.18	0.26	0.13	70.4%
18830810	263	393	MOORE	13132050	4	Aug 31, 2019	0.18	0.26	0.13	70.4%
18830810	2332	1088	MOORE	13132050	4	Aug 31, 2019	0.56	0.80	0.39	70.4%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Aug 31, 2019	0.21	0.30	0.15	70.4%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Aug 31, 2019	0.43	0.61	0.30	70.4%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Aug 31, 2019	0.21	0.30	0.15	70.4%
18840422	236	30	BECK	13130525	4	Aug 31, 2019	1.64	2.33	1.15	70.4%
18840422	433	1427	MOORE	13132050	4	Aug 31, 2019	0.14	0.20	0.10	70.4%
18840422	2328	2112	SWAUGER	13127600	5	Aug 31, 2019	1.20	1.71	1.20	100.0%
18840422	347	938	SWAUGER	13127600	5	Aug 31, 2019	0.67	0.95	0.67	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Aug 31, 2019	1.12	1.59	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Aug 31, 2019	0.07	0.10	0.07	100.0%
18840422	338	579	DARLINGTON	13127735	5	Aug 31, 2019	0.55	0.78	0.55	100.0%
18840422	381	134	DARLINGTON	13127735	5	Aug 31, 2019	0.96	1.36	0.96	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Aug 31, 2019	0.14	0.20	0.14	100.0%
18840422	338	117	DARLINGTON	13127735	5	Aug 31, 2019	1.63	2.32	1.63	100.0%
18840422	252	365	DARLINGTON	13127735	5	Aug 31, 2019	2.17	3.08	2.17	100.0%
18840422	490	1822	BURNETT	13127750	5	Aug 31, 2019	0.79	1.12	0.79	100.0%
18840422	525	1465	BURNETT	13127750	5	Aug 31, 2019	1.92	2.73	1.92	100.0%
18840422	490	1749	BURNETT	13127750	5	Aug 31, 2019	0.21	0.30	0.21	100.0%
18840422	360	133	BURNETT	13127750	5	Aug 31, 2019	2.00	2.84	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Aug 31, 2019	0.50	0.71	0.50	100.0%
18840422	24	120	SHARP	13126500	6	Aug 31, 2019	0.04	0.04	0.04	100.0%
18840422	2525	1903	SHARP	13126500	6	Aug 31, 2019	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	Aug 31, 2019	0.62	0.62	0.62	100.0%
18840422	632	2077	SHARP	13126500	6	Aug 31, 2019	0.10	0.10	0.10	100.0%
18840422	397	10	SHARP	13126500	6	Aug 31, 2019	0.08	0.08	0.08	100.0%
18840422	284	228	SHARP	13126500	6	Aug 31, 2019	0.10	0.10	0.10	100.0%
18840422	347	938	SHARP	13126500	6	Aug 31, 2019	3.33	3.33	3.33	100.0%
18840430	141	1365	BECK	13130525	4	Aug 31, 2019	1.52	2.16	1.07	70.4%
18840430	73	2020	BURNETT	13127750	5	Aug 31, 2019	1.23	1.75	1.23	100.0%
18840430	73	2021	BURNETT	13127750	5	Aug 31, 2019	0.77	1.09	0.77	100.0%
18840430	623	2234	BURNETT	13127750	5	Aug 31, 2019	0.40	0.57	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Aug 31, 2019	1.60	2.27	1.60	100.0%
18840430	139	1368	BURNETT	13127750	5	Aug 31, 2019	0.80	1.14	0.80	100.0%
18840430	119	1366	BURNETT	13127750	5	Aug 31, 2019	0.40	0.57	0.40	100.0%
18840520	14	2061	MOORE	13132050	4	Aug 31, 2019	0.04	0.06	0.03	70.4%
18840520	14	2002	MOORE	13132050	4	Aug 31, 2019	0.02	0.03	0.01	70.4%
18840520	96	451	MOORE	13132050	4	Aug 31, 2019	0.58	0.82	0.41	70.4%
18840520	85	1584	MOORE	13132050	4	Aug 31, 2019	0.22	0.31	0.15	70.4%
18840520	604	2054	MOORE	13132050	4	Aug 31, 2019	1.15	1.63	0.81	70.4%
18840520	433	271	MOORE	13132050	4	Aug 31, 2019	0.54	0.77	0.38	70.4%
18840520	219	547	MOORE	13132050	4	Aug 31, 2019	1.15	1.63	0.81	70.4%
18840520	263	394	MOORE	13132050	4	Aug 31, 2019	0.22	0.31	0.15	70.4%
18840520	566	1782	MOORE	13132050	4	Aug 31, 2019	0.75	1.06	0.53	70.4%
18840520	2550	511	MOORE	13132050	4	Aug 31, 2019	1.40	1.99	0.99	70.4%
18840520	2550	510	MOORE	13132050	4	Aug 31, 2019	0.18	0.26	0.13	70.4%

18840520	2333	657	MOORE	13132050	4	Aug 31, 2019	0.86	1.22	0.61	70.4%
18840520	113	585	MOORE	13132050	4	Aug 31, 2019	0.11	0.16	0.08	70.4%
18840520	2331	471	MOORE	13132050	4	Aug 31, 2019	2.07	2.94	1.46	70.4%
18840520	2331	463	MOORE	13132050	4	Aug 31, 2019	2.24	3.18	1.58	70.4%
18840520	414	1796	MOORE	13132050	4	Aug 31, 2019	1.60	2.27	1.13	70.4%
18840520	463	1300	MOORE	13132050	4	Aug 31, 2019	1.60	2.27	1.13	70.4%
18840520	427	1	MOORE	13132050	4	Aug 31, 2019	1.10	1.56	0.77	70.4%
18840520	187	1935	MOORE	13132050	4	Aug 31, 2019	0.04	0.06	0.03	70.4%
18840520	187	1871	MOORE	13132050	4	Aug 31, 2019	0.18	0.26	0.13	70.4%
18840520	180	470	MOORE	13132050	4	Aug 31, 2019	0.16	0.23	0.11	70.4%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Aug 31, 2019	0.80	1.14	0.56	70.4%
18840531	2612	2010	SWAUGER	13127600	5	Aug 31, 2019	0.24	0.34	0.24	100.0%
18840531	338	122	DARLINGTON	13127735	5	Aug 31, 2019	0.72	1.02	0.72	100.0%
18840601	85	1545	MOORE	13132050	4	Aug 31, 2019	0.54	0.77	0.38	70.4%
18840601	85	1585	MOORE	13132050	4	Aug 31, 2019	0.08	0.11	0.06	70.4%
18840601	15	131	MOORE	13132050	4	Aug 31, 2019	0.37	0.52	0.26	70.4%
18840601	96	453	MOORE	13132050	4	Aug 31, 2019	0.21	0.30	0.15	70.4%
18840601	85	1544	MOORE	13132050	4	Aug 31, 2019	0.09	0.13	0.06	70.4%
18840601	263	395	MOORE	13132050	4	Aug 31, 2019	0.08	0.11	0.06	70.4%
18840601	359	1012	MOORE	13132050	4	Aug 31, 2019	1.28	1.82	0.90	70.4%
18840601	73	2026	BURNETT	13127750	5	Aug 31, 2019	0.36	0.51	0.36	100.0%
18840601	119	56	BURNETT	13127750	5	Aug 31, 2019	0.46	0.65	0.46	100.0%
18840601	623	2134	BURNETT	13127750	5	Aug 31, 2019	0.20	0.28	0.20	100.0%
18840601	623	2181	BURNETT	13127750	5	Aug 31, 2019	0.27	0.38	0.27	100.0%
18840601	623	2182	BURNETT	13127750	5	Aug 31, 2019	0.40	0.57	0.40	100.0%
18840601	360	693	BURNETT	13127750	5	Aug 31, 2019	0.32	0.45	0.32	100.0%
18840601	151	1042	BURNETT	13127750	5	Aug 31, 2019	0.23	0.33	0.23	100.0%
18840601	139	711	BURNETT	13127750	5	Aug 31, 2019	0.80	1.14	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Aug 31, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Aug 31, 2019	0.80	0.80	0.80	100.0%
18840715	12	1296	MOORE	13132050	4	Aug 31, 2019	0.80	1.14	0.56	70.4%
18840715	15	799	MOORE	13132050	4	Aug 31, 2019	0.65	0.93	0.46	70.4%
18840715	44	1005	MOORE	13132050	4	Aug 31, 2019	0.80	1.14	0.56	70.4%
18840715	459	798	MOORE	13132050	4	Aug 31, 2019	0.80	1.14	0.56	70.4%
18840715	459	1195	MOORE	13132050	4	Aug 31, 2019	1.20	1.71	0.84	70.4%
18840715	417	1194	MOORE	13132050	4	Aug 31, 2019	1.20	1.71	0.84	70.4%
18840731	44	1132	MOORE	13132050	4	Aug 31, 2019	0.80	1.14	0.56	70.4%
18840731	44	1131	MOORE	13132050	4	Aug 31, 2019	0.80	1.14	0.56	70.4%
18840731	331	1151	MOORE	13132050	4	Aug 31, 2019	1.03	1.46	0.72	70.4%
18840831	533	421	MOORE	13132050	4	Aug 31, 2019	0.14	0.20	0.10	70.4%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Aug 31, 2019	0.44	0.63	0.31	70.4%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Aug 31, 2019	1.31	1.86	0.92	70.4%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Aug 31, 2019	0.50	0.71	0.35	70.4%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Aug 31, 2019	0.40	0.57	0.23	56.3%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Aug 31, 2019	0.40	0.57	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Aug 31, 2019	3.14	4.46	3.14	100.0%
18840914	623	2135	BURNETT	13127750	5	Aug 31, 2019	0.40	0.57	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Aug 31, 2019	1.76	2.50	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Aug 31, 2019	0.31	0.44	0.31	100.0%
18841012	459	1079	MOORE	13132050	4	Aug 31, 2019	0.89	1.26	0.89	100.0%
18841012	459	342	MOORE	13132050	4	Aug 31, 2019	0.58	0.82	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Aug 31, 2019	1.10	1.56	1.10	100.0%
18841012	317	1485	SWAUGER	13127600	5	Aug 31, 2019	0.81	1.15	0.81	100.0%
18841012	190	418	SWAUGER	13127600	5	Aug 31, 2019	0.04	0.06	0.04	100.0%
18841012	528	1644	SWAUGER	13127600	5	Aug 31, 2019	0.40	0.57	0.40	100.0%
18841012	524	11	SWAUGER	13127600	5	Aug 31, 2019	2.00	2.84	2.00	100.0%
18841012	314	1444	SWAUGER	13127600	5	Aug 31, 2019	3.30	4.69	3.30	100.0%
18841012	347	1974	SWAUGER	13127600	5	Aug 31, 2019	0.18	0.25	0.18	100.0%
18841012	317	385	SWAUGER	13127600	5	Aug 31, 2019	0.74	1.05	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Aug 31, 2019	2.77	3.94	2.77	100.0%
18841012	347	1974	SHARP	13126500	6	Aug 31, 2019	0.88	0.88	0.88	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Aug 31, 2019	2.00	2.84	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Aug 31, 2019	0.79	1.12	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	Aug 31, 2019	1.65	2.34	1.65	100.0%

18850218	252	351	DARLINGTON	13127735	5	Aug 31, 2019	0.61	0.87	0.61	100.0%
18850218	496	1892	DARLINGTON	13127735	5	Aug 31, 2019	0.24	0.34	0.24	100.0%
18850501	423	87	ARCO	13132365	2	Aug 31, 2019	0.20	1.12	0.20	100.0%
18850501	423	186	ARCO	13132365	2	Aug 31, 2019	0.26	1.45	0.26	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Aug 31, 2019	2.00	2.84	2.00	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Aug 31, 2019	0.24	0.34	0.24	100.0%
18850501	255	401	NEILSEN	13120805	9	Aug 31, 2019	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Aug 31, 2019	2.80	2.80	2.80	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Aug 31, 2019	0.20	0.28	0.20	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Aug 31, 2019	0.04	0.06	0.04	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Aug 31, 2019	0.20	0.28	0.20	100.0%
18850515	640	1939	MOORE	13132050	4	Aug 31, 2019	0.30	0.43	0.30	100.0%
18850515	359	1034	MOORE	13132050	4	Aug 31, 2019	0.12	0.17	0.12	100.0%
18850530	484	1672	BURNETT	13127750	5	Aug 31, 2019	1.37	1.95	1.37	100.0%
18850530	484	1713	BURNETT	13127750	5	Aug 31, 2019	0.11	0.16	0.11	100.0%
18850530	484	1718	BURNETT	13127750	5	Aug 31, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Aug 31, 2019	0.19	0.27	0.19	100.0%
18850531	63	1354	MOORE	13132050	4	Aug 31, 2019	1.56	2.21	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Aug 31, 2019	3.20	4.55	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Aug 31, 2019	2.00	2.84	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Aug 31, 2019	3.20	4.55	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Aug 31, 2019	0.59	0.84	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Aug 31, 2019	1.20	1.71	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Aug 31, 2019	0.40	0.57	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Aug 31, 2019	1.54	2.19	1.54	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Aug 31, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Aug 31, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Aug 31, 2019	3.08	4.38	3.08	100.0%
18851002	356	82	ARCO	13132365	2	Aug 31, 2019	2.88	16.11	2.88	100.0%
18851002	437	62	ARCO	13132365	2	Aug 31, 2019	1.54	8.61	1.54	100.0%
18851002	356	42	ARCO	13132365	2	Aug 31, 2019	4.50	25.17	4.50	100.0%
18851002	318	545	MUNSEY	13132375	2	Aug 31, 2019	0.75	4.20	0.75	100.0%
18851002	318	817	MUNSEY	13132375	2	Aug 31, 2019	0.80	4.47	0.80	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Aug 31, 2019	3.20	3.20	3.20	100.0%
18860501	417	1050	MOORE	13132050	4	Aug 31, 2019	2.80	3.98	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Aug 31, 2019	1.20	1.71	1.20	100.0%
18860501	325	101	LOWER EASTSIDE &	13132291	4	Aug 31, 2019	5.76	8.19	5.76	100.0%
18860512	96	459	MOORE	13132050	4	Aug 31, 2019	0.48	0.68	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Aug 31, 2019	0.18	0.26	0.18	100.0%
18860512	263	398	MOORE	13132050	4	Aug 31, 2019	0.02	0.03	0.02	100.0%
18860512	634	1543	UPPER EASTSIDE &	13132101	4	Aug 31, 2019	1.35	1.92	1.35	100.0%
18860601	16	1009	MOORE	13132050	4	Aug 31, 2019	2.52	3.58	2.52	100.0%
18860601	90	1377	MOORE	13132050	4	Aug 31, 2019	2.40	3.41	2.40	100.0%
18860601	69	881	UPPER EASTSIDE &	13132101	4	Aug 31, 2019	1.60	2.27	1.60	100.0%
18860601	482	867	UPPER EASTSIDE &	13132101	4	Aug 31, 2019	1.24	1.76	1.24	100.0%
18860601	357	1288	BURNETT	13127750	5	Aug 31, 2019	1.60	2.27	1.60	100.0%
18860630	604	1710	MOORE	13132050	4	Aug 31, 2019	0.04	0.06	0.04	100.0%
18860630	330	231	UPPER EASTSIDE &	13132101	4	Aug 31, 2019	1.34	1.90	1.34	100.0%
18860717	381	1762	DARLINGTON	13127735	5	Aug 31, 2019	0.47	0.67	0.47	100.0%
18860721	336	294	BURNETT	13127750	5	Aug 31, 2019	0.80	1.14	0.80	100.0%
18860721	484	1673	BURNETT	13127750	5	Aug 31, 2019	2.64	3.75	2.64	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Aug 31, 2019	3.20	3.20	3.20	100.0%
18860914	490	1753	BURNETT	13127750	5	Aug 31, 2019	0.34	0.48	0.34	100.0%
18860914	525	1472	BURNETT	13127750	5	Aug 31, 2019	1.30	1.85	1.30	100.0%
18860914	490	1795	BURNETT	13127750	5	Aug 31, 2019	1.26	1.79	1.26	100.0%
18870313	70	337	MOORE	13132050	4	Aug 31, 2019	0.23	0.33	0.23	100.0%
18870313	459	682	MOORE	13132050	4	Aug 31, 2019	0.65	0.92	0.65	100.0%
18870313	459	338	MOORE	13132050	4	Aug 31, 2019	0.42	0.60	0.42	100.0%
18870401	403	1058	NEILSEN	13120805	9	Aug 31, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Aug 31, 2019	1.80	1.80	1.80	100.0%
18870601	423	76	ARCO	13132365	2	Aug 31, 2019	0.22	1.23	0.22	100.0%
18870601	423	1028	ARCO	13132365	2	Aug 31, 2019	0.80	4.47	0.80	100.0%
18870601	19	892	MUNSEY	13132375	2	Aug 31, 2019	1.40	7.83	1.40	100.0%
18870601	496	1893	DARLINGTON	13127735	5	Aug 31, 2019	0.17	0.24	0.17	100.0%

18870601	252	353	DARLINGTON	13127735	5	Aug 31, 2019	0.43	0.61	0.43	100.0%
18870601	139	845	BURNETT	13127750	5	Aug 31, 2019	0.92	1.31	0.92	100.0%
18870601	490	1747	BURNETT	13127750	5	Aug 31, 2019	0.25	0.36	0.25	100.0%
18870601	490	1783	BURNETT	13127750	5	Aug 31, 2019	0.95	1.35	0.95	100.0%
18870630	236	1428	BECK	13130525	4	Aug 31, 2019	0.80	1.14	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	Aug 31, 2019	0.80	1.14	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	Aug 31, 2019	0.78	1.11	0.78	100.0%
18870801	623	2203	BURNETT	13127750	5	Aug 31, 2019	0.29	0.42	0.29	100.0%
18880401	682	2139	NEILSEN	13120805	9	Aug 31, 2019	0.20	0.20	0.20	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Aug 31, 2019	0.43	0.43	0.43	100.0%
18880601	437	670	ARCO	13132365	2	Aug 31, 2019	0.33	1.85	0.33	100.0%
18880601	347	1973	SWAUGER	13127600	5	Aug 31, 2019	0.06	0.08	0.06	100.0%
18880601	347	1973	SHARP	13126500	6	Aug 31, 2019	0.28	0.28	0.28	100.0%
18880601	629	1497	HOWELL	13120490	10	Aug 31, 2019	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	Aug 31, 2019	0.60	0.85	0.60	100.0%
18880630	490	1826	BURNETT	13127750	5	Aug 31, 2019	0.24	0.34	0.24	100.0%
18880630	490	1750	BURNETT	13127750	5	Aug 31, 2019	0.06	0.09	0.06	100.0%
18880801	442	750	MUNSEY	13132375	2	Aug 31, 2019	0.40	2.24	0.40	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Aug 31, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Aug 31, 2019	0.30	0.30	0.30	100.0%
18890410	415	1026	DARLINGTON	13127735	5	Aug 31, 2019	1.59	2.26	1.59	100.0%
18890601	463	1396	MOORE	13132050	4	Aug 31, 2019	0.20	0.28	0.15	76.6%
18890601	599	1552	MOORE	13132050	4	Aug 31, 2019	0.35	0.50	0.27	76.6%
18890601	336	979	BURNETT	13127750	5	Aug 31, 2019	0.66	0.94	0.51	76.6%
18890601	322	968	BURNETT	13127750	5	Aug 31, 2019	0.80	1.14	0.61	76.6%
18890601	490	1786	BURNETT	13127750	5	Aug 31, 2019	0.35	0.50	0.27	76.6%
18890601	490	1748	BURNETT	13127750	5	Aug 31, 2019	0.25	0.36	0.19	76.6%
18900601	101	1213	Upper Fish Hatch	13124160	8	Aug 31, 2019	0.20	0.20	0.20	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Aug 31, 2019	0.49	0.49	0.49	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Aug 31, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	Aug 31, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Aug 31, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Aug 31, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Aug 31, 2019	0.74	0.74	0.74	100.0%
18940310	609	1496	CHILLY	13121105	9	Aug 31, 2019	1.60	1.60	1.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Aug 31, 2019	2.98	2.98	2.98	100.0%
18940601	307	39	CHILLY	13121105	9	Aug 31, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Aug 31, 2019	3.20	3.20	3.20	100.0%
18950601	445	411	NEILSEN	13120805	9	Aug 31, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Aug 31, 2019	0.18	0.18	0.18	100.0%
18970515	130	1286	NEILSEN	13120805	9	Aug 31, 2019	2.00	2.00	2.00	100.0%
18990601	307	72	NEILSEN	13120805	9	Aug 31, 2019	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Aug 31, 2019	0.60	0.60	0.60	100.0%
18991001	682	2180	NEILSEN	13120805	9	Aug 31, 2019	0.01	0.01	0.01	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Aug 31, 2019	0.46	0.46	0.46	100.0%
19001101	310	833	CHILLY	13121105	9	Aug 31, 2019	6.00	6.00	6.00	100.0%
19020301	307	308	NEILSEN	13120805	9	Aug 31, 2019	0.90	0.90	0.90	100.0%
19020301	373	24	CHILLY	13121105	9	Aug 31, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Aug 31, 2019	3.20	3.20	3.20	100.0%
19020301	307	676	CHILLY	13121105	9	Aug 31, 2019	1.85	1.85	1.85	100.0%
19020304	129	2186	CHILLY	13121105	9	Aug 31, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Aug 31, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Aug 31, 2019	2.00	2.00	2.00	100.0%
19020501	629	1498	HOWELL	13120490	10	Aug 31, 2019	0.40	0.40	0.40	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Aug 31, 2019	0.46	0.46	0.46	100.0%
19020601	232	2220	NEILSEN	13120805	9	Aug 31, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	Aug 31, 2019	0.50	0.50	0.50	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Aug 31, 2019	1.60	1.60	1.60	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Aug 31, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Aug 31, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Aug 31, 2019	0.13	0.13	0.13	100.0%
19050501	403	811	NEILSEN	13120805	9	Aug 31, 2019	0.30	0.30	0.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Aug 31, 2019	3.00	3.00	3.00	100.0%
19050501	154	2152	NEILSEN	13120805	9	Aug 31, 2019	0.10	0.10	0.10	100.0%

19050501	255	402	NEILSEN	13120805	9	Aug 31, 2019	0.50	0.50	0.50	100.0%
19050501	101	1370	NEILSEN	13120805	9	Aug 31, 2019	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	Aug 31, 2019	1.30	1.30	1.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Aug 31, 2019	0.40	0.40	0.40	100.0%
19050501	101	1204	NEILSEN	13120805	9	Aug 31, 2019	0.65	0.65	0.65	100.0%
19050501	129	2187	CHILLY	13121105	9	Aug 31, 2019	0.78	0.78	0.78	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Aug 31, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Aug 31, 2019	1.37	1.37	1.37	100.0%
19090830	575	890	Broken River Pum	13124050	8	Aug 31, 2019	0.82	0.82	0.82	100.0%
19100501	101	1210	NEILSEN	13120805	9	Aug 31, 2019	0.75	0.75	0.75	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Aug 31, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Aug 31, 2019	0.78	0.78	0.78	100.0%
19121003	55	1445	NEILSEN	13120805	9	Aug 31, 2019	0.02	0.02	0.02	100.0%
19121003	55	104	NEILSEN	13120805	9	Aug 31, 2019	0.02	0.02	0.02	100.0%
19121014	403	813	NEILSEN	13120805	9	Aug 31, 2019	1.40	1.40	1.40	100.0%
19121014	130	75	NEILSEN	13120805	9	Aug 31, 2019	2.30	2.30	2.30	100.0%
19171003	55	1509	NEILSEN	13120805	9	Aug 31, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Aug 31, 2019	1.80	1.80	1.80	100.0%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Sep 1, 2019 20190910

	Reach Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Sep 1	151.0	2.0	0.0	153.0	0.00	153.0	2.0	0.0	0.0	151.0	0.0	0.0
9	Howell to Chilly	Sep 1	0.0	60.7	0.0	-90.3	1.00	62.7	59.2	1.4	0.0	1.4	-1.4	0.0
8	Chilly to Reservoir	* Sep 1	216.0	32.1	0.0	248.1	0.00	310.7	32.1	0.0	0.0	217.4	-1.4	0.0
	Disconnected													
7	Mackay Reservoir	* Sep 1	423.6	0.0	0.0	216.0	0.00	216.0	0.0		0.0	216.0	207.6	0.0
6	Reservoir to 2B	Sep 1	418.0	5.6	0.0	0.0	0.00	216.0	5.1	0.5	0.0	210.9	207.1	0.0
5	2B to Leslie	Sep 1	277.0	122.0	0.0	-19.0	0.05	216.0	51.7	70.3	0.0	149.6	127.4	0.0
4	Leslie to Moore	Sep 1	62.3	162.8	0.0	-51.9	0.19	216.0	63.6	99.2	0.0	57.9	4.4	0.0
2	Moore to blw Munsey	Sep 1	1.7	55.0	52.8	-58.4	0.94	216.0	3.6	22.0	29.4	0.0	1.7	0.0
1	Blw Munsey to Arco	Sep 1	1.4	0.0	0.0	-0.3	0.19	216.0	0.0	0.0	0.0	0.0	1.4	0.0
								TOTAL	217.4	193.4	29.4			

* - Indicates flow estimated, not measured

REACH LOSS DATA

	Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled
10	Howell Gage	Sep 1	0.0	0.0		19171003	100%
9	Howell to Chilly	Sep 1	0.0	0.0		19171003	100%
8	Chilly to Reservoir	Sep 1	0.0	0.0		19230316	100%
	Disconnected						
7	Mackay Reservoir	Sep 1	0.0	0.0		18851002	30%
6	Reservoir to 2B	Sep 1	0.0	0.0		18851002	30%
5	2B to Leslie	Sep 1	9.6	9.4		18851002	30%
4	Leslie to Moore	Sep 1	28.0	23.9		18851002	30%
2	Moore to blw Munsey	Sep 1	54.3	4.1		18851002	30%
1	Blw Munsey to Arco	Sep 1	0.0	0.3		18851002	30%
		TOTAL	91.9	37.7	0.0		

MACKAY RESERVOIR RIGHTS

Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
1	18800630	3.2	556.5	556.5
2	18810630	1.7	294.0	294.0
3	18880601	3.2	556.5	556.5
4	18960601	6.4	1113.0	1113.0
5	19020301	0.8	140.0	133.3
6	19051002	Unlimited	20646.0	20646.0
7	19160207	Unlimited	17205.0	17205.0
8	19590902	Unlimited	6000.0	6000.0
9	Add Vol	Unlimited	200000.0	72052.3
10	Rotation	Unlimited	0.0	0.0
	TOTAL		246511.0	118556.5

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)
26850.0	26420.0	-430.0	-216.8	9.2

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	74705.5
Total Storage Loss	-45593.3
Total Storage Deliver	-30109.5
Total Evaporation	-2356.5
Accounting Balance	25516.2
Current Res Content	26420.0
Storage Balance Error	-903.8

DAILY STORAGE BALANCE

26850.0	Reservoir Content Previous Day [ac-ft]
26420.0	Reservoir Content Current Day [ac-ft]
-430.0	Physical Change in Storage [ac-ft]
0.0	Storage Allocated to Mackay Reservoir [ac-ft]
-77.5	Stored Flow Losses [ac-ft]
-9.4	2B to Leslie [cfs]
-23.9	Leslie to Moore [cfs]
-4.1	Moore blw Munsey [cfs]
-0.3	blw Munsey to Arco Gage [cfs]
-1.4	Past Arco Gage [cfs]
-374.9	Storage Delivered [ac-ft]
---	Above Reservoir [cfs]
0.5	Reservoir to 2B [cfs]
70.3	2B to Leslie [cfs]
99.2	Leslie to Moore [cfs]
19.0	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
-18.2	Evaporation [ac-ft]
-470.6	Accounting Change in Storage [ac-ft]
-40.6	Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

216.0	Gain in/above Mackay Reservoir [cfs]
0.0	Gain in Reach 5: 2-B to Leslie [cfs]
0.0	Gain in Reach 4: Leslie to Moore [cfs]
0.0	Gain in Reach 2: Moore to Munsey [cfs]
0.0	Gain in Reach 1: Munsey to Arco [cfs]
216.0	Total Available Natural Flow [cfs]
0.0	Reservoir Rights Diverted [cfs]
91.9	Natural Flow Losses below Reservoir [cfs]
9.6	2B to Leslie [cfs]
28.0	Leslie to Moore [cfs]
54.3	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
0.0	Natural Flow Past Arco Gage [cfs]
124.0	Natural Flow Delivered [cfs]
---	Above Reservoir Storage Use [cfs]
5.1	Reservoir to 2B [cfs]
51.7	2B to Leslie [cfs]
63.6	Leslie to Moore [cfs]
3.6	Moore to blw Munsey [cfs]
0.0	blw Munsey to Arco Gage [cfs]
215.9	Natural Flow Delivered & Lost [cfs]
0.1	Balance [cfs]

Abbreviated Reach

In		
Description	CFS	INCHES
Island Jensen Weir +	8.1	405
Eastside Felton Wier +	8.2	410
Island Felton Farms Wells In +	0.0	0
Island Doug Hendricks Wells In +	0.0	0
Island Theola Jensen Wells In +	0.0	0
Munsey Jay Jensen OD Wells In +	16.0	800
Munsey Parkinson Farms-1 OD Wells In +	9.6	480
Munsey Schureman (IN) Wells In +	0.0	0
Munsey Telford Isom Wells In +	0.0	0
Munsey Telford Lower Wells In +	19.2	960
Arco Lost River Rasmussen Wells In +	0.0	0
Arco Quist Wells In +	0.0	0
Arco Standlee OD Wells IN (Island)	8.0	400
Total In	69.1	3455
Groundwater to Arco	8.0	400
Groundwater to Munsey	44.8	2240

Delivery		
Description	CFS	INCHES
Eastside Beard Delivery +	0.0	0
Eastside Tyler Felton Delivery +	0.0	0
Eastside Tony Madsen Delivery +	0.0	0
Eastside PU Ranch Delivery +	4.5	225
Eastside R Reynolds Delivery +	0.0	0
Eastside Rosenkrance (Felton) Delivery +	0.0	0
Eastside Waddoups Delivery +	0.0	0
Eastside Walker Delivery +	0.0	0
Eastside V Reynolds Delivery +	0.0	0
Eastside & Island Recharge +	0.0	0
Island Babcock Delivery +	0.0	0
Island Felton Farms Delivery +	1.5	77
Island Doug Hendricks Delivery +	0.0	0
Island Norm Sowards Delivery +	0.0	0
Island Wanstrom David +	0.0	0
Eastside OUT	36.3	1815
Total Out	42.3	2117

Abbreviated Reach Delivery Factor | 0.61
Total Out Divided By Total In

Eastside Delivery Factor

Step	Description	Value
Step 1 - Abbreviated Reach Delivery Factor (GW Delivery Factor)	Eastside Out + Eastside diversion below weirs / Weirs + Groundwater Injection	= 61.3%
Step 2 - Groundwater at Eastside Out	Groundwater Inj. X Abbreviated Reach Delivery Factor	= 32.4 cfs
Step 3 - River at Eastside Out	Eastside Out - Groundwater at Eastside Out	= 3.9 cfs
Step 4 - River at Weirs	River at Eastside Out / Abbreviated Reach Delivery Factor	= 6.4 cfs
Step 5 - Upper Reach Delivery Factor	Weirs + Eastside Diversion Above Weirs / Eastside In	= 77.0%
Step 6 - River at Eastside In	River at Weirs / Upper Reach Delivery Factor	= 8.4 cfs
Step 7 - Canal at Eastside In	Eastside In - River at Eastside In	= 35.6 cfs
Step 8 - Canal Delivery Factor	Eastside Div. Abv Weirs + Eastside Div. Blw Weirs / Canal at Eastside	= 66.2%
Step 9 - Eastside River Delivery Factor	River at Eastside Out / River at Eastside In	= 47.2%

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.27) - Sep 1, 2019 20190910

RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH	DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10	Sorensen	0.0	0.0	0.0	8	No Tellum 1	0.0	0.0	0.0	8	6X Ranch 4	0.0	0.0	0.0
10	HOWELL	2.0	0.0	0.0	8	No Tellum 2	0.0	0.0	0.0	7	MACKAY DAM	0.0	0.0	0.0
9	KENT	0.0	0.0	0.4	8	No Tellum 3	0.0	0.0	0.0	6	BIG LOST RIVER O	0.0	0.0	0.0
9	BRADSHAW	0.0	0.0	0.0	8	Gates/Woods 1	0.0	0.0	0.0	6	SHARP	5.6	0.5	89.1
9	BITTON	0.0	0.0	0.4	8	Gates/Woods 2	0.0	0.0	0.0	5	STREETER	0.0	0.0	0.0
9	Anderson	0.0	0.0	47.3	8	No Tellum 4	0.0	0.0	0.0	5	SWAUGER	20.4	5.8	900.2
9	Thalman Hunter D	0.0	0.0	39.3	8	No Tellum 5	0.0	0.0	0.0	5	MARINAC	0.0	0.0	0.0
9	Johnson/Hatmaker	0.0	0.0	0.0	8	Gates/Woods/6X R	0.0	0.0	0.0	5	DARLINGTON	46.0	28.9	2230.4
9	NEILSEN	34.0	1.4	877.0	8	Smith Pumps	0.0	0.0	6.0	5	BURNETT	55.6	35.5	4168.1
9	Bradshaw 2	0.0	0.0	0.0	8	Freeman/Kent	0.0	0.0	0.0	5	HARRIS-VAUGHT	0.0	0.0	0.0
9	CHILLY	26.7	0.0	6.4	8	Broken River Pum	3.0	0.0	23.3	5	MAGEE PUMP	0.0	0.0	0.0
9	INGRAM	0.0	0.0	0.0	8	Broken River Dit	2.0	0.0	0.0	5	SUTTER	0.0	0.0	0.0
9	Cherian	0.0	0.0	0.0	8	Freeman 2	0.0	0.0	0.0	5	ANGELO	0.0	0.0	0.0
9	LONGHURST	0.0	0.0	11.9	8	Freeman 3	0.0	0.0	0.0	4	BECK	8.2	3.2	1305.9
8	Mtn. Springs 3	0.0	0.0	0.0	8	Freeman/Hill Pum	2.0	0.0	0.0	4	PEHRSON	0.0	0.0	555.4
8	Donahue 1	0.0	0.0	162.3	8	6X Ranch 5	0.0	0.0	0.0	4	LOW BURNETT	0.0	0.0	0.0
8	Zollinger 1	0.0	0.0	0.0	8	Johnson/Navarro	3.0	0.0	0.0	4	UC CANAL	0.0	0.0	431.3
8	Zollinger 3	0.0	0.0	0.0	8	6X Ranch 6	0.0	0.0	0.0	4	3IN1	0.0	0.0	151.0
8	Pence Diversion	0.0	0.0	0.0	8	Stoecklein 3	0.0	0.0	0.0	4	CRAWFORD PUMP	8.0	8.0	392.7
8	Unger	0.0	0.0	0.0	8	Upper Fish Hatch	5.0	0.0	0.1	4	B AND J	0.0	0.0	0.0
8	6X Ranch 1	5.0	0.0	0.0	8	Freeman Ditch	0.0	0.0	2.8	4	MOORE	111.0	62.9	7412.7
8	Mtn. Springs 1	0.0	0.0	581.0	8	Stoecklein 1	3.2	0.0	0.0	4	EASTSIDE FIELD H	35.6	26.4	9097.1
8	Mtn. Springs 4	0.0	0.0	0.0	8	Stoecklein 2	0.0	0.0	0.0	2	NICHOLS	0.0	0.0	0.0
8	Mtn. Springs 2	0.0	0.0	0.0	8	Stoecklein 4	0.0	0.0	0.0	2	ARCO	17.0	8.9	1614.7
8	Donahue 2	0.0	0.0	0.0	8	Shoupe Ditch	2.5	0.0	0.0	2	MUNSEY	38.0	10.1	1678.6
8	Simmons	0.0	0.0	0.0	8	Gates Pump 1	1.2	0.0	0.0	1	MILLER	0.0	0.0	0.0
8	Donahue 4	0.0	0.0	0.0	8	Gates Pump 2	1.8	0.0	0.0	1	MCLAUGHLIN	0.0	0.0	0.0
8	Donahue 3	0.0	0.0	0.0	8	6X Ranch Pump	1.4	0.0	2.7	1	FOLKMAN PUMP	0.0	0.0	0.0
8	Zollinger 2	0.0	0.0	6.0	8	6X Ranch Navarre	2.0	0.0	0.0	1	HUGGINS PUMP	0.0	0.0	0.0
8	Zollinger/No Tel	0.0	0.0	2.8	8	Gates/Woods 3	0.0	0.0	0.0	1	QUIST PUMP #1	0.0	0.0	0.0
8	Churn Dasher Ran	0.0	0.0	0.0	8	6X Ranch 3	0.0	0.0	0.0	1	QUIST PUMP #2	0.0	0.0	0.0

(1) Donahue 3 & 4 use combined with Donahue 2
(2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
(3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
(4) 13120300 use combined with Sorensen
(5) Zollinger 3 use combined with Zollinger 1
(6) KENT use combined with BITTON
(7) 6X Ranch Pump use combined with 6X Ranch Navarre
(8) 13121400 use combined with Cherian
(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

	EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD		EXCHANGE PUMP	CFS PUMPED	AF YTD
8	Neilsen Injectio	3.0	789.4	2	POTTER EXCHANGE	0.0	0.0	2	ISOM 2 EXCHANGE	19.2	2383.5
5	JM SMITH EXCHANG	0.0	0.0	2	JENSEN EXCHANGE	16.0	315.8	2	QUIST EXCHANGE P	0.0	0.0
5	L SMITH EXCHANGE	0.0	0.0	2	ISOM 1 EXCHANGE	0.0	0.0	2	SCHUREMAN EXCHAN	0.0	54.0
5	PEHRSON EXCHANGE	0.0	0.0	2	PARKINSON EXCHAN	9.6	1418.0	2	RASMUSSEN EXCHAN	0.0	0.0
2	FOLKMAN EXCHANGE	0.0	0.0	2	MCDONALD EXCHANG	8.0	1074.4	2	WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Sep 01, 2019	1.60	1.60	1.60	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Sep 01, 2019	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Sep 01, 2019	0.01	0.01	0.01	100.0%
18821101	403	1060	NEILSEN	13120805	9	Sep 01, 2019	1.20	1.20	1.20	100.0%
18830601	224	854	MOORE	13132050	4	Sep 01, 2019	3.20	4.13	3.20	100.0%
18830601	2331	465	MOORE	13132050	4	Sep 01, 2019	0.79	1.02	0.79	100.0%
18830601	566	1778	MOORE	13132050	4	Sep 01, 2019	0.27	0.35	0.27	100.0%
18830601	106	1082	MOORE	13132050	4	Sep 01, 2019	1.50	1.93	1.50	100.0%
18830601	221	855	MOORE	13132050	4	Sep 01, 2019	1.60	2.06	1.60	100.0%
18830630	223	1192	MOORE	13132050	4	Sep 01, 2019	1.73	2.23	1.73	100.0%
18830630	331	1150	MOORE	13132050	4	Sep 01, 2019	1.13	1.46	1.13	100.0%
18830810	263	393	MOORE	13132050	4	Sep 01, 2019	0.18	0.23	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	Sep 01, 2019	0.56	0.72	0.56	100.0%
18830810	85	1583	MOORE	13132050	4	Sep 01, 2019	0.18	0.23	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Sep 01, 2019	0.48	0.62	0.48	100.0%
18830810	634	1546	UPPER EASTSIDE &	13132101	4	Sep 01, 2019	0.43	0.55	0.43	100.0%
18830810	192	1109	UPPER EASTSIDE &	13132101	4	Sep 01, 2019	0.21	0.27	0.21	100.0%
18830810	638	1109	UPPER EASTSIDE &	13132101	4	Sep 01, 2019	0.21	0.27	0.21	100.0%
18840422	236	30	BECK	13130525	4	Sep 01, 2019	1.64	2.11	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Sep 01, 2019	0.14	0.18	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Sep 01, 2019	0.07	0.07	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	Sep 01, 2019	0.77	0.81	0.77	100.0%
18840422	2612	2004	SWAUGER	13127600	5	Sep 01, 2019	1.12	1.17	1.12	100.0%
18840422	2328	2112	SWAUGER	13127600	5	Sep 01, 2019	1.44	1.51	1.44	100.0%
18840422	381	134	DARLINGTON	13127735	5	Sep 01, 2019	0.96	1.01	0.96	100.0%
18840422	338	117	DARLINGTON	13127735	5	Sep 01, 2019	1.63	1.71	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Sep 01, 2019	0.55	0.58	0.55	100.0%
18840422	252	365	DARLINGTON	13127735	5	Sep 01, 2019	2.17	2.27	2.17	100.0%
18840422	415	1420	DARLINGTON	13127735	5	Sep 01, 2019	0.14	0.15	0.14	100.0%
18840422	360	133	BURNETT	13127750	5	Sep 01, 2019	2.00	2.10	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Sep 01, 2019	0.50	0.52	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	Sep 01, 2019	1.92	2.01	1.92	100.0%
18840422	490	1822	BURNETT	13127750	5	Sep 01, 2019	0.79	0.83	0.79	100.0%
18840422	490	1749	BURNETT	13127750	5	Sep 01, 2019	0.21	0.22	0.21	100.0%
18840422	2525	1903	SHARP	13126500	6	Sep 01, 2019	0.08	0.08	0.08	100.0%
18840422	397	10	SHARP	13126500	6	Sep 01, 2019	0.08	0.08	0.08	100.0%
18840422	632	2077	SHARP	13126500	6	Sep 01, 2019	0.10	0.10	0.10	100.0%
18840422	103	1289	SHARP	13126500	6	Sep 01, 2019	0.62	0.62	0.62	100.0%
18840422	284	228	SHARP	13126500	6	Sep 01, 2019	0.10	0.10	0.10	100.0%
18840422	347	938	SHARP	13126500	6	Sep 01, 2019	3.23	3.23	3.23	100.0%
18840422	24	120	SHARP	13126500	6	Sep 01, 2019	0.04	0.04	0.04	100.0%
18840430	141	1365	BECK	13130525	4	Sep 01, 2019	1.00	1.29	1.00	100.0%
18840430	360	67	BURNETT	13127750	5	Sep 01, 2019	1.60	1.68	1.60	100.0%
18840430	139	1368	BURNETT	13127750	5	Sep 01, 2019	0.80	0.84	0.80	100.0%
18840430	119	1366	BURNETT	13127750	5	Sep 01, 2019	0.40	0.42	0.40	100.0%
18840430	73	2021	BURNETT	13127750	5	Sep 01, 2019	0.77	0.81	0.77	100.0%
18840430	73	2020	BURNETT	13127750	5	Sep 01, 2019	1.23	1.29	1.23	100.0%
18840430	623	2234	BURNETT	13127750	5	Sep 01, 2019	0.40	0.42	0.40	100.0%
18840520	427	1	MOORE	13132050	4	Sep 01, 2019	1.10	1.42	1.10	100.0%
18840520	604	2054	MOORE	13132050	4	Sep 01, 2019	1.15	1.48	1.15	100.0%
18840520	2333	657	MOORE	13132050	4	Sep 01, 2019	0.86	1.11	0.86	100.0%
18840520	14	2061	MOORE	13132050	4	Sep 01, 2019	0.04	0.05	0.04	100.0%
18840520	263	394	MOORE	13132050	4	Sep 01, 2019	0.22	0.28	0.22	100.0%
18840520	85	1584	MOORE	13132050	4	Sep 01, 2019	0.22	0.28	0.22	100.0%
18840520	96	451	MOORE	13132050	4	Sep 01, 2019	0.58	0.75	0.58	100.0%
18840520	2331	471	MOORE	13132050	4	Sep 01, 2019	2.07	2.67	2.07	100.0%
18840520	2331	463	MOORE	13132050	4	Sep 01, 2019	2.24	2.89	2.24	100.0%
18840520	219	547	MOORE	13132050	4	Sep 01, 2019	1.15	1.48	1.15	100.0%
18840520	187	1872	MOORE	13132050	4	Sep 01, 2019	0.01	0.01	0.01	100.0%

18840520	180	470	MOORE	13132050	4	Sep 01, 2019	0.16	0.21	0.16	100.0%
18840520	2550	510	MOORE	13132050	4	Sep 01, 2019	0.18	0.23	0.18	100.0%
18840520	459	1478	MOORE	13132050	4	Sep 01, 2019	0.01	0.01	0.01	100.0%
18840520	433	271	MOORE	13132050	4	Sep 01, 2019	0.54	0.70	0.54	100.0%
18840520	113	585	MOORE	13132050	4	Sep 01, 2019	0.11	0.14	0.11	100.0%
18840520	2550	511	MOORE	13132050	4	Sep 01, 2019	1.40	1.80	1.40	100.0%
18840520	187	1935	MOORE	13132050	4	Sep 01, 2019	0.04	0.05	0.04	100.0%
18840520	414	1796	MOORE	13132050	4	Sep 01, 2019	1.60	2.06	1.60	100.0%
18840520	187	1871	MOORE	13132050	4	Sep 01, 2019	0.18	0.23	0.18	100.0%
18840520	566	1782	MOORE	13132050	4	Sep 01, 2019	0.75	0.96	0.75	100.0%
18840520	14	2002	MOORE	13132050	4	Sep 01, 2019	0.02	0.03	0.02	100.0%
18840520	463	1300	MOORE	13132050	4	Sep 01, 2019	1.60	2.06	1.60	100.0%
18840520	251	796	UPPER EASTSIDE &	13132101	4	Sep 01, 2019	0.80	1.03	0.80	100.0%
18840531	2612	2010	SWAUGER	13127600	5	Sep 01, 2019	0.48	0.50	0.48	100.0%
18840531	338	122	DARLINGTON	13127735	5	Sep 01, 2019	0.72	0.75	0.72	100.0%
18840601	359	1012	MOORE	13132050	4	Sep 01, 2019	1.28	1.65	1.28	100.0%
18840601	96	453	MOORE	13132050	4	Sep 01, 2019	0.21	0.27	0.21	100.0%
18840601	263	395	MOORE	13132050	4	Sep 01, 2019	0.08	0.10	0.08	100.0%
18840601	15	131	MOORE	13132050	4	Sep 01, 2019	0.37	0.47	0.37	100.0%
18840601	85	1585	MOORE	13132050	4	Sep 01, 2019	0.08	0.10	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Sep 01, 2019	0.54	0.70	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Sep 01, 2019	0.09	0.12	0.09	100.0%
18840601	119	56	BURNETT	13127750	5	Sep 01, 2019	0.44	0.46	0.44	100.0%
18840601	139	711	BURNETT	13127750	5	Sep 01, 2019	0.80	0.84	0.80	100.0%
18840601	623	2182	BURNETT	13127750	5	Sep 01, 2019	0.40	0.42	0.40	100.0%
18840601	623	2134	BURNETT	13127750	5	Sep 01, 2019	0.20	0.21	0.20	100.0%
18840601	360	693	BURNETT	13127750	5	Sep 01, 2019	0.18	0.19	0.18	100.0%
18840601	73	2026	BURNETT	13127750	5	Sep 01, 2019	0.26	0.27	0.26	100.0%
18840601	151	1042	BURNETT	13127750	5	Sep 01, 2019	0.23	0.24	0.23	100.0%
18840601	623	2181	BURNETT	13127750	5	Sep 01, 2019	0.27	0.28	0.27	100.0%
18840601	403	1061	NEILSEN	13120805	9	Sep 01, 2019	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Sep 01, 2019	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Sep 01, 2019	1.20	1.55	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	Sep 01, 2019	1.20	1.55	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Sep 01, 2019	0.80	1.03	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Sep 01, 2019	0.65	0.84	0.65	100.0%
18840715	12	1296	MOORE	13132050	4	Sep 01, 2019	0.80	1.03	0.80	100.0%
18840715	459	798	MOORE	13132050	4	Sep 01, 2019	0.80	1.03	0.80	100.0%
18840731	331	1151	MOORE	13132050	4	Sep 01, 2019	1.03	1.33	1.03	100.0%
18840731	44	1132	MOORE	13132050	4	Sep 01, 2019	0.80	1.03	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Sep 01, 2019	0.80	1.03	0.80	100.0%
18840831	533	421	MOORE	13132050	4	Sep 01, 2019	0.14	0.18	0.14	100.0%
18840831	251	773	UPPER EASTSIDE &	13132101	4	Sep 01, 2019	0.50	0.64	0.50	100.0%
18840831	634	1542	UPPER EASTSIDE &	13132101	4	Sep 01, 2019	0.44	0.57	0.44	100.0%
18840831	192	772	UPPER EASTSIDE &	13132101	4	Sep 01, 2019	0.40	0.52	0.40	100.0%
18840831	638	772	UPPER EASTSIDE &	13132101	4	Sep 01, 2019	0.40	0.52	0.40	100.0%
18840831	2613	2036	EASTSIDE FIELD H	13132061	4	Sep 01, 2019	1.31	1.69	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	Sep 01, 2019	3.14	4.05	3.14	100.0%
18840914	623	2135	BURNETT	13127750	5	Sep 01, 2019	0.40	0.42	0.40	100.0%
18841012	205	2067	BECK	13130525	4	Sep 01, 2019	1.76	2.27	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Sep 01, 2019	0.58	0.75	0.58	100.0%
18841012	459	1079	MOORE	13132050	4	Sep 01, 2019	0.89	1.15	0.89	100.0%
18841012	70	341	MOORE	13132050	4	Sep 01, 2019	0.31	0.40	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	Sep 01, 2019	1.10	1.42	1.10	100.0%
18841012	314	1444	SWAUGER	13127600	5	Sep 01, 2019	3.30	3.46	3.30	100.0%
18841012	317	1460	SWAUGER	13127600	5	Sep 01, 2019	2.77	2.90	2.77	100.0%
18841012	524	11	SWAUGER	13127600	5	Sep 01, 2019	2.40	2.51	2.40	100.0%
18841012	317	1485	SWAUGER	13127600	5	Sep 01, 2019	0.81	0.85	0.81	100.0%
18841012	347	1974	SWAUGER	13127600	5	Sep 01, 2019	0.21	0.21	0.21	100.0%
18841012	528	1644	SWAUGER	13127600	5	Sep 01, 2019	0.43	0.45	0.43	100.0%
18841012	317	385	SWAUGER	13127600	5	Sep 01, 2019	0.74	0.78	0.74	100.0%
18841012	190	418	SWAUGER	13127600	5	Sep 01, 2019	0.04	0.04	0.04	100.0%
18841012	347	1974	SHARP	13126500	6	Sep 01, 2019	0.86	0.86	0.86	100.0%
18850218	381	806	DARLINGTON	13127735	5	Sep 01, 2019	0.79	0.83	0.79	100.0%

18850218	47	1383	DARLINGTON	13127735	5	Sep 01, 2019	2.00	2.10	2.00	100.0%
18850218	496	1892	DARLINGTON	13127735	5	Sep 01, 2019	0.24	0.25	0.24	100.0%
18850218	252	351	DARLINGTON	13127735	5	Sep 01, 2019	0.61	0.64	0.61	100.0%
18850218	411	805	DARLINGTON	13127735	5	Sep 01, 2019	1.65	1.73	1.65	100.0%
18850501	423	186	ARCO	13132365	2	Sep 01, 2019	0.26	5.35	0.26	100.0%
18850501	423	87	ARCO	13132365	2	Sep 01, 2019	0.20	4.12	0.20	100.0%
18850501	325	2100	LOWER EASTSIDE &	13132291	4	Sep 01, 2019	0.24	0.31	0.24	100.0%
18850501	380	1177	LOWER EASTSIDE &	13132291	4	Sep 01, 2019	2.00	2.58	2.00	100.0%
18850501	130	1285	NEILSEN	13120805	9	Sep 01, 2019	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Sep 01, 2019	0.50	0.50	0.50	100.0%
18850512	251	22	UPPER EASTSIDE &	13132101	4	Sep 01, 2019	0.04	0.05	0.04	100.0%
18850512	638	1399	UPPER EASTSIDE &	13132101	4	Sep 01, 2019	0.20	0.26	0.20	100.0%
18850512	192	1399	UPPER EASTSIDE &	13132101	4	Sep 01, 2019	0.20	0.26	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Sep 01, 2019	0.12	0.15	0.12	100.0%
18850515	640	1939	MOORE	13132050	4	Sep 01, 2019	0.30	0.39	0.30	100.0%
18850530	484	1672	BURNETT	13127750	5	Sep 01, 2019	1.37	1.44	1.37	100.0%
18850530	484	1718	BURNETT	13127750	5	Sep 01, 2019	0.01	0.01	0.01	100.0%
18850530	484	1833	BURNETT	13127750	5	Sep 01, 2019	0.19	0.20	0.19	100.0%
18850530	484	1713	BURNETT	13127750	5	Sep 01, 2019	0.11	0.12	0.11	100.0%
18850531	63	1354	MOORE	13132050	4	Sep 01, 2019	1.56	2.01	1.56	100.0%
18850531	2338	1294	UPPER EASTSIDE &	13132101	4	Sep 01, 2019	3.20	4.13	3.20	100.0%
18850531	338	2000	DARLINGTON	13127735	5	Sep 01, 2019	2.00	2.10	2.00	100.0%
18850531	411	827	DARLINGTON	13127735	5	Sep 01, 2019	3.20	3.35	3.20	100.0%
18850601	205	2064	BECK	13130525	4	Sep 01, 2019	0.59	0.76	0.59	100.0%
18850601	414	1806	MOORE	13132050	4	Sep 01, 2019	1.20	1.55	1.20	100.0%
18850601	396	1965	DARLINGTON	13127735	5	Sep 01, 2019	0.40	0.42	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Sep 01, 2019	1.54	1.61	1.54	100.0%
18850601	55	1382	Gates/Woods 3	13124430	8	Sep 01, 2019	1.20	1.20	1.20	100.0%
18850601	101	1201	NEILSEN	13120805	9	Sep 01, 2019	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Sep 01, 2019	3.08	3.23	3.08	100.0%
18851002	437	62	ARCO	13132365	2	Sep 01, 2019	1.54	31.70	0.47	30.2%
18851002	356	42	ARCO	13132365	2	Sep 01, 2019	4.50	92.63	1.36	30.2%
18851002	356	82	ARCO	13132365	2	Sep 01, 2019	2.88	59.28	0.87	30.2%
18851002	318	545	MUNSEY	13132375	2	Sep 01, 2019	0.75	15.44	0.23	30.2%
18851002	318	817	MUNSEY	13132375	2	Sep 01, 2019	0.80	16.47	0.24	30.2%
18860407	1	1334	6X Ranch 1	13122805	8	Sep 01, 2019	3.20	3.20	3.20	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Sep 01, 2019	3.20	3.20	3.20	100.0%
18870401	403	1058	NEILSEN	13120805	9	Sep 01, 2019	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Sep 01, 2019	1.80	1.80	1.80	100.0%
18880401	2329	1733	NEILSEN	13120805	9	Sep 01, 2019	0.43	0.43	0.43	100.0%
18880401	682	2139	NEILSEN	13120805	9	Sep 01, 2019	0.20	0.20	0.20	100.0%
18880601	629	1497	HOWELL	13120490	10	Sep 01, 2019	1.60	1.60	1.60	100.0%
18880801	2329	1738	NEILSEN	13120805	9	Sep 01, 2019	0.65	0.65	0.65	100.0%
18880801	232	2156	NEILSEN	13120805	9	Sep 01, 2019	0.30	0.30	0.30	100.0%
18900601	571	2213	Upper Fish Hatch	13124160	8	Sep 01, 2019	0.49	0.49	0.49	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Sep 01, 2019	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Sep 01, 2019	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	Sep 01, 2019	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Sep 01, 2019	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Sep 01, 2019	1.45	1.45	1.45	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Sep 01, 2019	0.74	0.74	0.74	100.0%
18940310	609	1496	CHILLY	13121105	9	Sep 01, 2019	1.60	1.60	1.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Sep 01, 2019	2.98	2.98	2.98	100.0%
18940601	307	39	CHILLY	13121105	9	Sep 01, 2019	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	Sep 01, 2019	3.20	3.20	3.20	100.0%
18950601	445	411	NEILSEN	13120805	9	Sep 01, 2019	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Sep 01, 2019	0.18	0.18	0.18	100.0%
18970515	130	1286	NEILSEN	13120805	9	Sep 01, 2019	2.00	2.00	2.00	100.0%
18990601	130	1076	NEILSEN	13120805	9	Sep 01, 2019	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Sep 01, 2019	2.74	2.74	2.74	100.0%
18991001	2329	1735	NEILSEN	13120805	9	Sep 01, 2019	0.46	0.46	0.46	100.0%
18991001	682	2180	NEILSEN	13120805	9	Sep 01, 2019	0.01	0.01	0.01	100.0%
19001101	310	833	CHILLY	13121105	9	Sep 01, 2019	6.00	6.00	6.00	100.0%
19020301	307	308	NEILSEN	13120805	9	Sep 01, 2019	0.90	0.90	0.90	100.0%

19020301	373	24	CHILLY	13121105	9	Sep 01, 2019	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Sep 01, 2019	3.20	3.20	3.20	100.0%
19020301	307	676	CHILLY	13121105	9	Sep 01, 2019	1.85	1.85	1.85	100.0%
19020304	129	2186	CHILLY	13121105	9	Sep 01, 2019	3.13	3.13	3.13	100.0%
19020401	403	1057	NEILSEN	13120805	9	Sep 01, 2019	0.80	0.80	0.80	100.0%
19020501	154	2162	Freeman/Hill Pum	13124080	8	Sep 01, 2019	2.00	2.00	2.00	100.0%
19020501	629	1498	HOWELL	13120490	10	Sep 01, 2019	0.40	0.40	0.40	100.0%
19020601	2329	1739	NEILSEN	13120805	9	Sep 01, 2019	0.46	0.46	0.46	100.0%
19020601	232	2220	NEILSEN	13120805	9	Sep 01, 2019	0.49	0.49	0.49	100.0%
19030224	364	953	CHILLY	13121105	9	Sep 01, 2019	0.50	0.50	0.50	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Sep 01, 2019	1.60	1.60	1.60	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Sep 01, 2019	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Sep 01, 2019	1.20	1.20	1.20	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Sep 01, 2019	0.13	0.13	0.13	100.0%
19050501	130	74	NEILSEN	13120805	9	Sep 01, 2019	1.30	1.30	1.30	100.0%
19050501	255	402	NEILSEN	13120805	9	Sep 01, 2019	0.50	0.50	0.50	100.0%
19050501	154	2152	NEILSEN	13120805	9	Sep 01, 2019	0.10	0.10	0.10	100.0%
19050501	101	1370	NEILSEN	13120805	9	Sep 01, 2019	0.82	0.82	0.82	100.0%
19050501	403	1196	NEILSEN	13120805	9	Sep 01, 2019	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	Sep 01, 2019	0.30	0.30	0.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Sep 01, 2019	3.00	3.00	3.00	100.0%
19050501	101	1204	NEILSEN	13120805	9	Sep 01, 2019	0.65	0.65	0.65	100.0%
19050501	129	2187	CHILLY	13121105	9	Sep 01, 2019	0.78	0.78	0.78	100.0%
19070610	1	1433	Upper Fish Hatch	13124160	8	Sep 01, 2019	0.42	0.42	0.42	99.5%
19070610	1	1433	6X Ranch Pump	13124355	8	Sep 01, 2019	1.37	1.37	1.37	100.0%
19090830	575	890	Broken River Pum	13124050	8	Sep 01, 2019	0.82	0.82	0.82	100.0%
19100501	101	1210	NEILSEN	13120805	9	Sep 01, 2019	0.75	0.75	0.75	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Sep 01, 2019	0.50	0.50	0.50	100.0%
19120513	101	1069	NEILSEN	13120805	9	Sep 01, 2019	0.78	0.78	0.78	100.0%
19121003	55	104	NEILSEN	13120805	9	Sep 01, 2019	0.02	0.02	0.02	100.0%
19121003	55	1445	NEILSEN	13120805	9	Sep 01, 2019	0.02	0.02	0.02	100.0%
19121014	130	75	NEILSEN	13120805	9	Sep 01, 2019	2.30	2.30	2.30	100.0%
19121014	403	813	NEILSEN	13120805	9	Sep 01, 2019	1.40	1.40	1.40	100.0%
19171003	55	1509	NEILSEN	13120805	9	Sep 01, 2019	0.02	0.02	0.02	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Sep 01, 2019	1.80	1.80	1.80	100.0%