

LEMHI BASIN SETTLEMENT WORKING GROUP MEETING AGENDA

DECEMBER 9, 2020

9:00 AM to 2:00 PM

ZOOM VIRTUAL MEETING

9:00 AM – 9:15 AM	Facilitators' Opening Remarks	Norm Semanko Clive Strong
9:15 AM – 10:00 AM	Discussion of Flushing Flow Concept	Tom Curet Carter Borden
10:00 AM – 10:30 AM	Discussion of Streamflow Maintenance Ownership	Mat Weaver
10:30 AM – 11:00 AM	Status Report from Facilitators and discussion of next steps	Norm Semanko Clive Strong
11:00 AM – 11:15	Set Next Meeting Date and Agenda	Group
11:15 AM	Adjourn	



IDAHO DEPARTMENT OF FISH AND GAME

SALMON REGION
99 Highway 93 North
Salmon, Idaho 83467

Brad Little / Governor
Ed Schriever / Director

FLUSHING FLOW CONCEPT

OBJECTIVE: Mobilize and remove fine sediment deposits in Lemhi River Basin upstream of Hayden Creek to improve and maintain fish habitat.

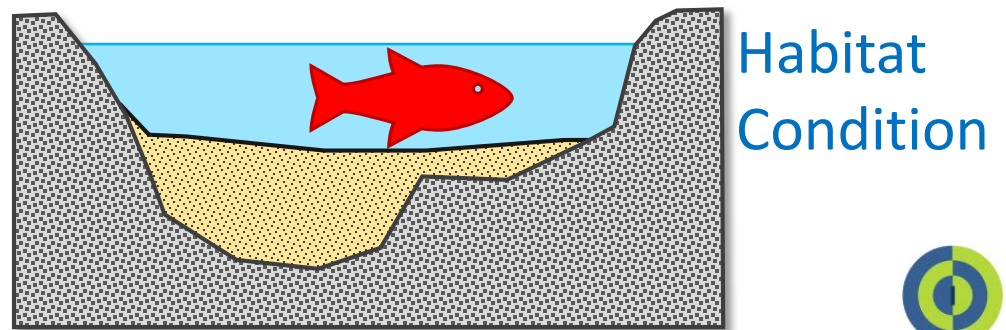
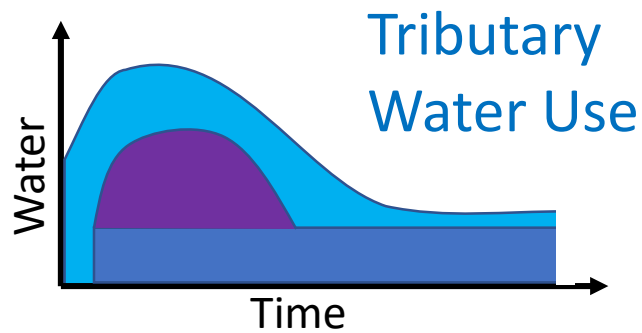
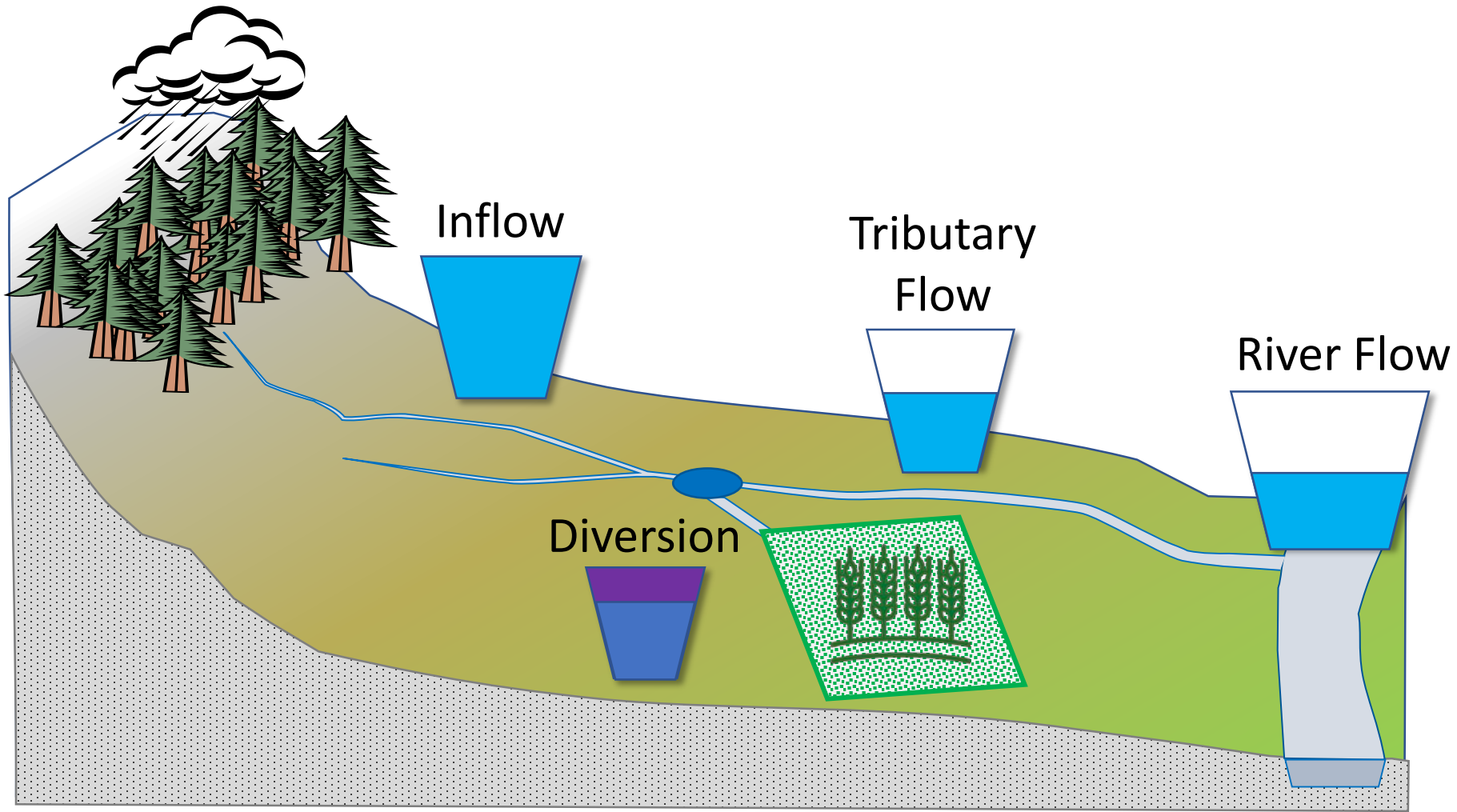
Scientific Basis: Based upon effective discharge calculations, a minimum of a five-days twice in a five-year period is needed to mobilize sediments in the Upper Lemhi Basin upstream from Hayden Creek.

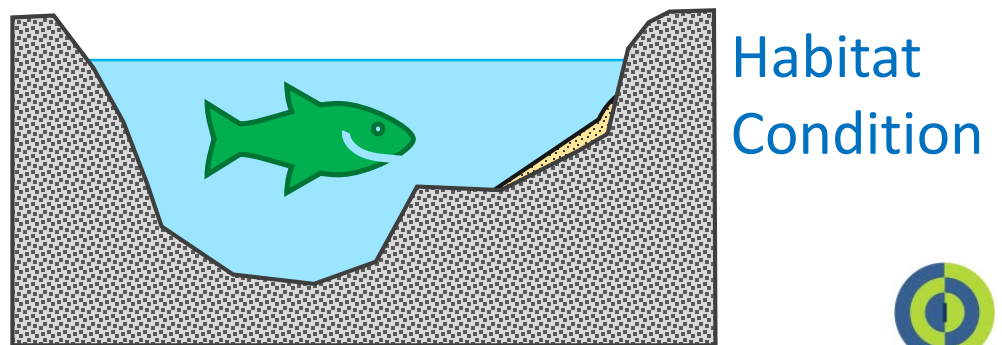
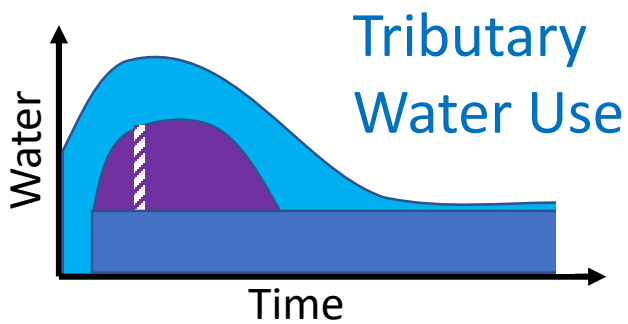
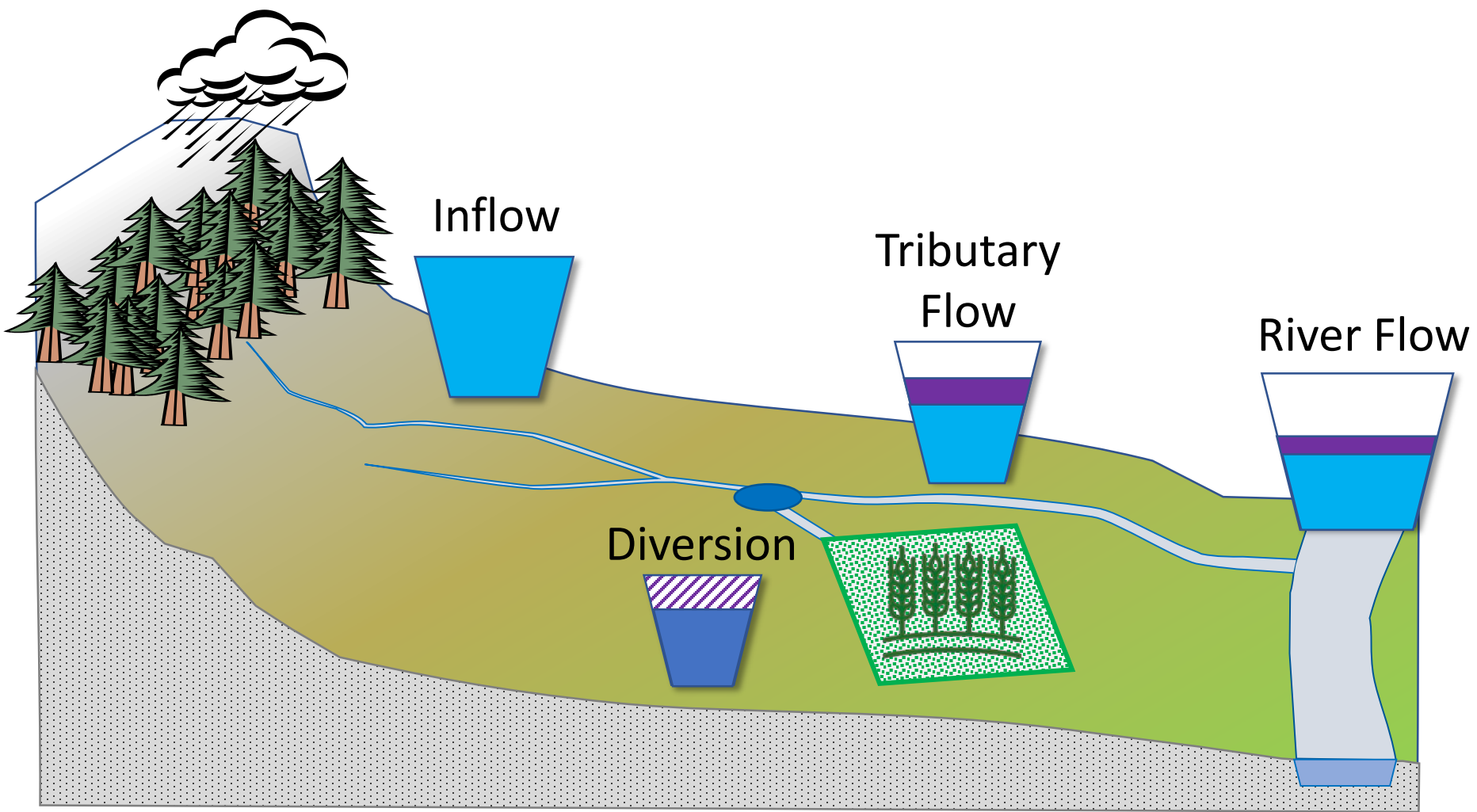
Current Flow Condition: Under current conditions, annual channel maintaining flows are achieved occasionally, for a short duration. This has resulted in fine sediment accumulation in important spawning and rearing habitat in the Lemhi River Basin upstream of Hayden Creek.

Flushing Flow Condition: The flushing flow required to mobilize sediment would be comprised of the baseline discharge and high flow augmentation from the tributaries available as a result of turning off proposed stream flow maintenance (high flow) water rights. Modeling suggests that by not diverting high flows for a five day period, the frequency of achieving the sediment mobilizing flow is approximately 80% of the time during the period of late April through June.

Implementation: A steering committee will be formed to meet annually to evaluate snowpack and weather conditions for the purposes: 1) of selecting the years and timing of the flushing flow; and 2) of coordinating turnoff of stream flow maintenance water rights. A single gage on the mainstem Lemhi River in the Leadore to Hayden Creek reach will be selected for purposes of implementation and evaluation of the flushing flows. The steering committee will inform IDWR and the local water masters prior to April 1 of each year whether the flushing flow will be implemented and will coordinate with IDWR on the timing of the flushing flow.

Adaptive Management: This proposal is based on currently available data, and the parties anticipate working cooperatively on a consensus basis to adjust the flushing flow program to optimize the benefit to both the fishery and the irrigators.





SRBA Recommendation Summary for Mill Creek

	Basin No.	Sequence No.	Priority Date	Diversion Rate	Source List	Current Owner
1	74	15319	3/15/1966	6.900	ALDER CREEK	LEMHI IRRIGATION DISTRICT
2	74	15384	3/15/1966	2.900	FERRY CREEK	LEMHI IRRIGATION DISTRICT
3	74	15431	3/15/1966	7.420	MILL CREEK	CARLSON, NORMA E; CARLSON, ROBERT E
4	74	15432	3/15/1966	3.320	MILL CREEK	CARLSON, NORMA E; CARLSON, ROBERT E
5	74	15434	3/15/1966	3.320	MILL CREEK	CARLSON, NORMA E; CARLSON, ROBERT E
6	74	15344	3/15/1966	28.800	MILL CREEK	LEMHI IRRIGATION DISTRICT
7	74	15345	3/15/1966	8.000	MILL CREEK	LEMHI IRRIGATION DISTRICT
8	74	15346	3/15/1966	11.700	MILL CREEK	LEMHI IRRIGATION DISTRICT
9	74	15347	3/15/1966	8.250	MILL CREEK	LEMHI IRRIGATION DISTRICT
10	74	15348	3/15/1966	3.100	MILL CREEK	LEMHI IRRIGATION DISTRICT
11	74	15349	3/15/1966	5.250	MILL CREEK	LEMHI IRRIGATION DISTRICT
12	74	15054	3/15/1966	3.320	MILL CREEK	PETERSON LAND & LIVESTOCK INC
13	74	15433	3/15/1966	2.910	MILL CREEK	TYLER, EUNICE; TYLER, SCOTT
14	74	15429	3/15/1966	7.420	MILL CREEK	TYLER, MARGARETE E; TYLER, RICHARD L
15	74	15430	3/15/1966	7.420	MILL CREEK	TYLER, MARGARETE E; TYLER, RICHARD L

*WRs w/ strikethroughs were recommended "disallowed" by IDWR during the SRBA.

Lemhi Settlement - Hybrid Model (Consolidate by Source and by Claimant)

	Basin No.	Sequence No.	Priority Date	Diversion Rate	Source List	Current Owner
1	74	XXXX	1/1/2021	6.90	ALDER CREEK	LEMHI IRRIGATION DISTRICT
2	74	XXXX	1/1/2021	2.90	FERRY CREEK	LEMHI IRRIGATION DISTRICT
3	74	XXXX	1/1/2021	3.32	MILL CREEK	PETERSON LAND & LIVESTOCK INC
4	74	XXXX	1/1/2021	56.85	MILL CREEK	LEMHI IRRIGATION DISTRICT
5	74	XXXX	1/2/2021	14.84	MILL CREEK	TYLER, MARGARETE E; TYLER, RICHARD L
6	74	XXXX	1/3/2021	6.64	MILL CREEK	CARLSON, NORMA E; CARLSON, ROBERT E

DRAFT

RIGHT NUMBER: 74-XXXXX

NAME AND ADDRESS: LEMHI IRRIGATION DISTRICT
260 WITHINGTON CREEK RD
SALMON ID 83467
(Ownership validation may be needed to update SRBA Records)

SOURCE: MILL CREEK TRIBUTARY: LEMHI CREEK

QUANTITY: 56.850 CFS

PRIORITY DATE: DATE OF APPLICATION

POINTS OF DIVERSION:

MILL CREEK	T16N R24E S15	SWSW	(M-1)	Within LEMHI County
MILL CREEK	T16N R24E S1	NENE Lot 1	(M-11)	Within LEMHI County
MILL CREEK	T17N R25E S31	NESW	(M-12)	Within LEMHI County
MILL CREEK	T16N R24E S15	SESW	(MC-10)	Within LEMHI County
MILL CREEK	T16N R24E S15	NWSE	(MC-9)	Within LEMHI County

PURPOSE AND PERIOD OF USE:

PURPOSE OF USE	PERIOD OF USE	QUANTITY
TO BE DETERMINED	03/15 7/31	56.850 CFS

PLACES OF USE: See conditions of approval. (Or list the place of use by 40-acre tract.)

Conditions of Approval:

1. This right is for the diversion, distribution, and application of high flow water on the places of use described above "to hold or store water underground within the basin" to augment and/or supplement the "flow of the streams and river" "during the latter portion of the irrigation season."
2. This right does not grant any right-of-way or easement across the land of another.
3. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District 74Q.
4. Prior to diversion of water under this right, the right holder shall install and maintain a measuring device and lockable controlling works of a type acceptable to the Department and watermaster as part of the diverting works.
5. [Consider adding the following: The right holder shall not apply water to land under this right where irrigation of the land has been discontinued(for example if the irrigation water right is abandoned, forfeited, sold, changed to another use, or leased to the Water Supply Bank).]
6. Water shall not be diverted pursuant to this right when the flow of water in Mill Creek (add flushing flow criteria).
7. The diversion and use of water pursuant to this right shall not benefit from the subordination provisions in element 10.b of the partial decree for federal reserved water rights 75-13316 and 75-11941.

RIGHT NUMBER: 74-XXXXX

NAME AND ADDRESS: LEMHI IRRIGATION DISTRICT
260 WITHINGTON CREEK RD
SALMON ID 83467

(Ownership validation may be needed to update SRBA Records)

SOURCE: FERRY CREEK TRIBUTARY: MILL CREEK

QUANTITY: 2.900 CFS

PRIORITY DATE: DATE OF APPLICATION

POINTS OF DIVERSION: FERRY CREEK T16N R25E S6 SENE Lot 5 (F-2) Within LEMHI County

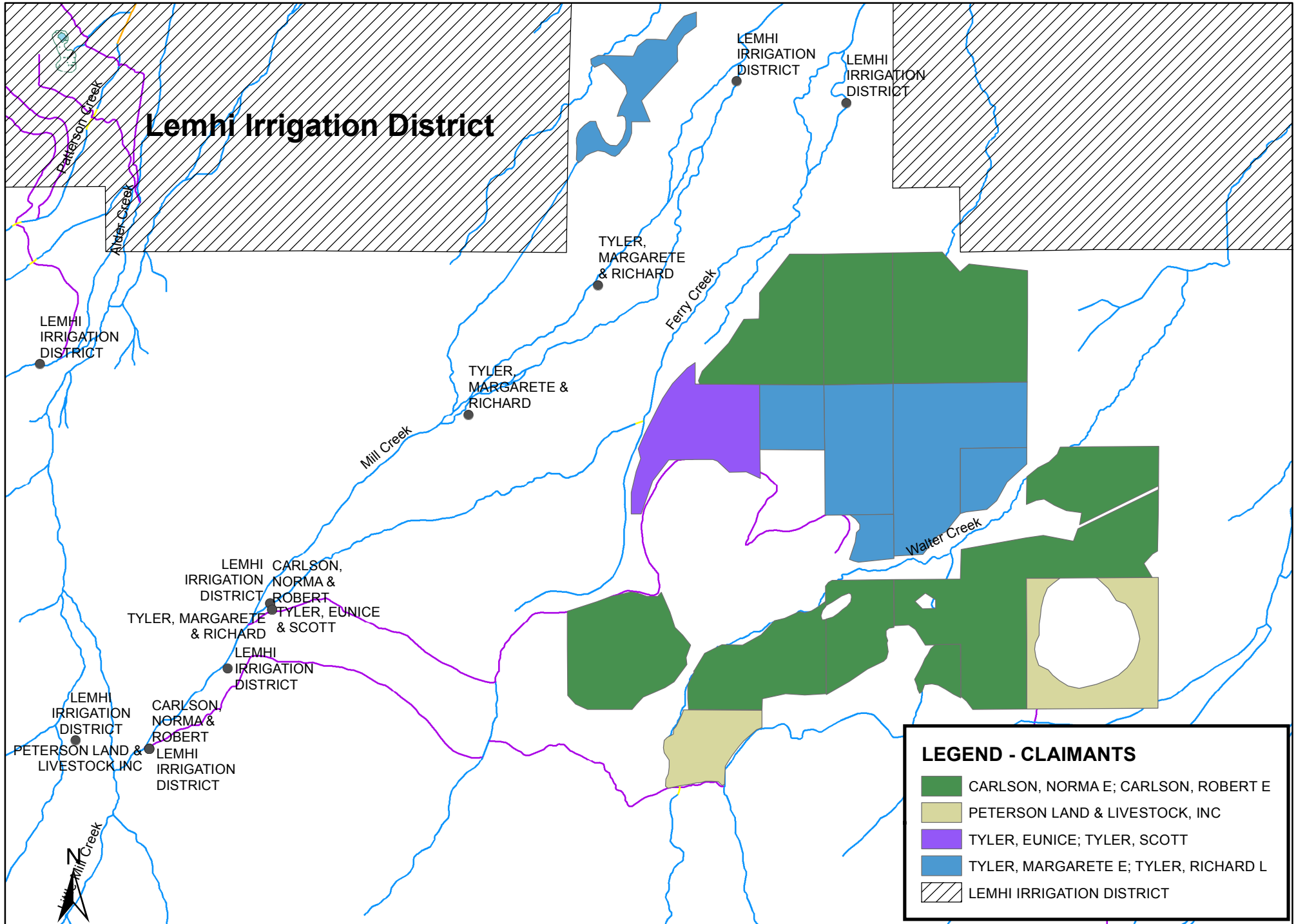
PURPOSE AND PERIOD OF USE:	PURPOSE OF USE	PERIOD OF USE	QUANTITY
	TO BE DETERMINED	03/15 7/31	2.900 CFS

PLACES OF USE: See conditions of approval. (Or list the place of use by 40-acre tract.)

Conditions of Approval:

1. This right is for the diversion, distribution, and application of high flow water on the places of use described above "to hold or store water underground within the basin" to augment and/or supplement the "flow of the streams and river" "during the latter portion of the irrigation season."
2. This right does not grant any right-of-way or easement across the land of another.
3. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District 74Q.
4. Prior to diversion of water under this right, the right holder shall install and maintain a measuring device and lockable controlling works of a type acceptable to the Department and watermaster as part of the diverting works.
5. [Consider adding the following: The right holder shall not apply water to land under this right where irrigation of the land has been discontinued(for example if the irrigation water right is abandoned, forfeited, sold, changed to another use, or leased to the Water Supply Bank).]
6. Water shall not be diverted pursuant to this right when the flow of water in Ferry Creek (add flushing flow criteria).
7. The diversion and use of water pursuant to this right shall not benefit from the subordination provisions in element 10.b of the partial decree for federal reserved water rights 75-13316 and 75-11941.

Mill Creek High Flow - Group by Claimant



Lemhi Irrigation District

Patterson Creek
Alder Creek

LEMHI IRRIGATION DISTRICT

TYLER, MARGARETE & RICHARD

LEMHI IRRIGATION DISTRICT

LEMHI IRRIGATION DISTRICT

Mill Creek

TYLER, MARGARETE & RICHARD

Ferry Creek

Walter Creek

LEMHI IRRIGATION DISTRICT
CARLSON, NORMA & ROBERT
TYLER, MARGARETE & RICHARD
TYLER, EUNICE & SCOTT

LEMHI IRRIGATION DISTRICT

LEMHI IRRIGATION DISTRICT
PETERSON LAND & LIVESTOCK, INC

CARLSON, NORMA & ROBERT
LEMHI IRRIGATION DISTRICT

