- Update version numbers when changes are made

Cuhaciyan, Jennifer

From: Olenichak, Tony
Sent: Tuesday, November 03, 2009 2:23 PM
To: Tuttle, Bruce; Cresto, Liz; Cuhaciyan, Jennifer
Cc: Swank, Lyle; Kaufman, Joe; Cefalo, James; King, Helga
Subject: Accounting problem

Hi all,

Lyle found a problem with the daily accounting. I typically would call Steve and have him quickly diagnose and fix the problem but, now that he's gone, I'm not sure who is responsible to work this out. I was hoping someone could take a look at it before our next meeting on November 12th. This isn't something that needs to be fixed right away because we're done with the preliminary accounting, but it needs to be fixed before we run the final accounting.

Beginning on October 19th, diversion 13080000 MINIDOKA N starts using storage because the SWID natural-flow right assigned to the three lower-valley diversions has reached its volume limitation of 6,724 acre-feet. This accounting procedure is incorrect because, after the SWID right reaches its volume limitation, the natural-flow for the SWID right is no longer delivered to Milner Irrigation, Burley Irrigation, and Twin Falls Canal's diversion and those canals cease diverting water for SWID. There shouldn't be any storage charged to the Minidoka Canal after October 19th because the Minidoka Canal is not exceeding the Minidoka Canal's natural-flow rights that are in priority at that time. It appears Steve also added a footnote at the bottom of the third page of the daily printout that says (*) SWID STORAGE USE COMBINED WITH MILNER, BURLEY IRRIGATION DISTRICT, AND TWIN FALL SOUTH SIDE. This footnote should be removed and the programming changed so that only the 77.9 cfs of SWID natural-flow is delivered to the three canals when the right is in priority and has not exceeded its volume limitation. If the SWID is not in priority, or after the volume limitation has been reached, diversions 13080000, 13086000, and 13087500 should not be charged for diverting 77.9 cfs (or any portion thereof) of SWID storage.

We can talk more about this at the November 12th meeting, but I thought I'd give you a heads up so you could take a look at it before that meeting.

Tony

Liz found a work around for this.

* removed footnote

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C----SECTION 29-3
C****ADDED 4/18/03. MODIFY RD FOR I1(MINIDOKA PROJECT),I8(TWIN FALLS
C****SOUTHSIDE), AND I36(MILNER LOW LIFT) FOR SWID RIGHT TRANSFER
C****FROM ABERDEEN-SPRINFIELD(I85).
C
      RD(I85)=0.0
C ADDED 10-8-2003 TO SHUT OFF DIVERSION ONCE VOLUME LIMIT REACHED.
      TBID=T(ISWB1)
      TTFSS=T(ISWT1)
      TMLL=T(ISWM1)
      IF(SVL(ISWB2).GT.VRD(11))TBID=TBID+T(ISWB2)       !V1.2 VRD(12)
      IF(SVL(ISWT2).GT.VRD(12))TTFSS=TTFSS+T(ISWT2)     !V1.2 VRD(13)
      IF(SVL(ISWM2).GT.VRD(13))TMLL=TMLL+T(ISWM2)       !V1.2 VRD(14)
C      TBID=T(SWB1)+T(SWB2)
C      TTFSS=T(SWT1)+T(SWT2)
C      TMLL=T(SWM1)+T(SWM2)
      IF(DIV(I1).GE.TBID)THEN
         RD(I1)=RD(I1)-TBID
         RD(I85)=RD(I85)+TBID
         ELSE
         TBID=0.0
         ENDIF
      IF(DIV(I8).GE.TTFSS)THEN
         RD(I8)=RD(I8)-TTFSS
         RD(I85)=RD(I85)+TTFSS
         ELSE
         TTFSS=0.0
         ENDIF
      IF(DIV(I86).GE.TMLL)THEN
         RD(I86)=RD(I86)-TMLL
         RD(I85)=RD(I85)+TMLL
         ELSE
         TMLL=0.0
         ENDIF
```

order # for the water right?

cumulative volume diverted for RTs w/ seasonal vol lim

WRA Program | 11/12/2009

- reading in volume limit by line instead of by right #?

  RTs 13 - 18 should be put back in order

  - when they're back in order it doesn't hit the volume limit
  - when they're out of order one of the rights doesn't get turned off

  Priority Date > diversion order

  - perhaps the resequence function was used and all those water rights have same diversion & same priority
  - two different calculations: one that uses order and another that uses # or index

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- need to add several new diversions & remove some so that everything can still fit on two pages
- end of Dec.?

  ↳ just remove reach number from the diversion

  - change indicator files for number of diversions
  - rebuild DPL

- Put WRAPC.exe in Helga's directory & rename OLD+Date
- share excel spreadsheet

- where does it read/publish in the code?
- print out same -
- Stewart & Bryant deree testing

2516-168

200,000

Burrell, Steve

From: Olenichak, Tony
Sent: Friday, September 07, 2007 5:40 PM
To: Burrell, Steve
Subject: Estimating the 2008 allocations

Steve,

Attached are all the adjustments that have been made in the accounting this year. The canals supplying private leases (indicated in red) will become last-to-fill space for those canals for 2008. I'm guessing it won't make a significant difference to your estimated fill if you don't include these last-to-fill adjustments. For example, if 10,000 AF of Minidoka Irrigation District's Palisades space becomes last-to-fill, and Palisades fails to receive any new fill in 2008 (which it probably won't with the same conditions as 2007), it won't make any difference to MID's 2008 allocation because they wouldn't receive any fill in Palisades either way.

After thinking about this a little more, I'm not sure you will want to use the SNKSTO program to compute the carryover because, if you get the storage usage from the latest accounting and add the additional storage usage between now and October 31st in "adjustments", you'll also have to add/subtract all the adjustments shown in the attached file.

An alternative method would be to calculate it by hand using the following steps:
1) Look at Part 2 of the 2007 preliminary storage report SNKSTO07.RPT;5 for the allocations to the various canals.
2) Estimate the AF RMNG carryover for all the non-Fremont-Madison (Henrys Fork, Falls River, and Teton River) diversions based on the latest water-right accounting and the estimated additional storage usage between now and October 31 for the canals that currently have any AF RMNG. Note: You can assume the split of the Minidoka Canals' storage usage is 58% for Minidoka and 42% for Burley.
3) We don't have the pump data in the accounting yet, so you can assume each pump diversion may use for example 80%(?) of their storage allocation.
4) If a diversion has AF RMNG carryover on October 31st, it will reside in the hardest to refill reservoir account, up to the amount originally allocated in Part 2 of SNKSTO07.RPT;5. For example, Northside Canal was allocated 312007 AF in Jackson, 116600 AF in Pali WWS, 9248 AF in Amer Falls WWS, and 422043 AF in Amer Falls. If Northside had less than 312007 AF of carryover on October 31st, all of it would reside in Jackson. If Northside had between 312007 AF and 428,607 AF of carryover on October 31st, 312007 AF would reside in Jackson with the remainder in Pali WWS. If Northside Canal had carryover greater than 428607 AF, it would carryover all of its Jackson allocation, all of its Pali WWS allocation, and part of its American Falls allocation. The order of reservoir allocation carryover in the program is 1) Ririe; 2) Henrys Lake; 3) Jackson; 4) Palisades 7) Pali WWS; 8) Pali Water Users; 9) American Falls; 10) Amer Falls WWS; 11) Lake Walcott; 12) Island Park/Grassy.
5) To calculate the Henrys Lake carryover, there are only 6 canals that had any storage allocated from Henrys Lake: Last Chance, St Anthony Union, Salem Union, Egin, Independent, and Consolidated Farmers. If those canals have a positive AF RMNG on October 31st, it will be carried over in Henrys Lake-1965 (up to the amount originally allocated) with any remainder in Henrys Lake-1917.
6) To calculate the Island Park/Grassy carryover, add all the negative and positive AF RMNG for the remaining Henrys Fork/Teton/Falls River diversions to the allocation for 99999600 F-M UNALLCATED (Part 2 Miscellaneous in the storage report) plus all of the exchange pumping shown in the accounting (assume the exchange wells will continue to pump at their current rate until October 31st). Don't forget to reduce the AF RMNG for all the pump diversions that currently don't have any data. All the AF RMNG plus F-M UNALLCATED plus exchange pumping will roughly yield the carryover in Island Park/Grassy. All the carryover goes into the Grassy Lake account up to the Grassy Lake physical contents on October 31st. Any remaining carryover will go into the Island Park-1935 account.
7) Create a SNKSTO07.CRY file with the carryover computed for each diversion. The following "miscellaneous" diversions shouldn't have any carryover: FMC CORP, IDAHO POWER, BUREAU OF REC, ARTESIAN, and MITIGATION INC, because they used all their storage this year.
8) Once you've estimated all the carryover for all the canals, add up the carryover in each of the various reservoir accounts. This will be the starting AF STORED in each reservoir account for the Nov. 1, 2007 first day of accounting (plus any late-season fill). Note: Any Jackson carryover for Northside and Twin Falls goes into the

most junior Jackson-1913 account. All other Jackson carryover goes into the Jackson-1910 account up to the amount originally allocated, with any remainder going into the most senior Jackson-1906 account.
9) For the late-season fill (added to the carryover in the reservoir accounts), you can use the same late-season fill from a previous year like 2001, but you must subtract 55,000 acre-feet because that's where we will get the rental-pool supply used in 2007 (which didn't happen in 2001). WHAT ACCOUNT GETS THE LATE SEASON FILL
10) Restart the water-right accounting on November 1, 2007 using the estimated carryover and late-season fill numbers for the reservoir accounts estimated in the previous steps.
11) Change dates of all the daily reservoir, river, and diversion data in the history file Nov 1, 2006 through June 1, 2007 to the dates Nov 1, 2007 through June 1, 2008, and run the accounting from November 1, 2007 to June 1, 2008.
12) Enter the resulting reservoir accrual from the June 1, 2008 accounting into the storage report (using the SNKSTO07.CRY file created previously) to calculate the estimated 2008 storage allocation under "worst scenario" conditions.

Good Luck,
Tony

2008 ADJUSTMENTS FOR WARNING LETTER

Burrell, Steve

From: Olenichak, Tony
Sent: Tuesday, October 07, 2008 12:28 PM
To: Burrell, Steve
Subject: RE: Minidoka Credit in the Worst case scenario forecast problem

I have to get in the "final accounting mode" to answer these questions.....(wait for it)..... 7750 6750 8370 N 5730 BIA 1000 – AFRD#2

1) The Minidoka Credit storage still needs to be transferred from North Side and TFCC to the Minidoka Canals.
2) The Wyoming Compact water is unused.
3) There's probably a small (insignificant) amount of Misc. Palisades Water User storage yet to be assigned to some canals above Blackfoot.
4) The remaining Pocatello water has not been used so far.
5) The total exchange pumping should be added to Fremont-Madison storage along with all the plusses and minuses for diversions on the Henrys Fork, Teton, & Falls River (including the minus for the CROSSCUT TO TETN).
6) All of Mitigation Inc.'s storage allocation will go towards the RESERV MITIG storage usage, I've been told that the remaining RESERV MITIG storage usage will be provided from carryover from Mitigation Inc. canals (could be any number of canals above Blackfoot with carryover). The RESERV MITIG has reached both of its water-right volume limitations as of yesterday, so some additional negative storage usage will show up for that diversion since they still haven't shut down to zero as of today. I assume that additional storage usage will be covered by the FT HALL MICHAUD carryover (see bold paragraph below).
7) The JENSEN GROVE negative number gets applied to SNAKE RIVER VALLEY carryover. Jensen Grove shut off today.
8) The IDAHO FR SAND CRK negative number gets applied to IDAHO carryover.
9) The LOERTSCHER and PROGRESSIVE WILL negative numbers get applied to ANDERSON (Progressive Irrigation) carryover.
10) Any remaining negative numbers will either go away when the final accounting is run or they will be applied to the 55,000 AF Rental Pool supply to resolve their excess storage usage.
11) Both IDAHO POWER and the BUREAU OF REC have used their entire allocation as of October 8th when Milner will be shut to zero.

500 = Mitig Inc. = 191 Tribal
501 = Reservation = 192 Non tribal

The difference between the physical contents and carryover after making these adjustments should be the approximate 220,000 acre-feet of rental taken from the late-season fill, the RIRIE LOSS, WILLOW CREEK LOSS, GAIN AVERAGING, and the difference between the estimated day-of-allocation evaporation (100,000 AF) and the actual total evaporation occurring on the October 31st accounting.

It appears in the accounting that when the Reservation Canal hit its volume limits (i.e., everything diverted at the Reservation Head except for 13 cfs should be charged as storage), the storage is continuing to be charged to the RESERV MITIG diversion in the accounting. The accounting needs to be changed so that any storage charged to the Reservation Canal after the 100,000 AF volume limitation has been met is charged to the RESERVATION diversion. Mitigation Inc. should not be responsible for any storage diverted by the Reservation Canal after the 100,000 AF volume limitation has been met and the 1867 water right is no longer being delivered. It should all be charged to the RESERVATION diversion.

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The deposition was exhausting. It went from 1:00 to 4:30. I wasn't stumped by anything, but I couldn't help but think how ridiculous the whole process was. I got grilled by five different attorneys. John Simpson's questions were mostly focused on delivery of power rights in the accounting and how unaccounted for storage occurs. Kent Fletcher's questions were probably closest to the matter at hand, which was what was the source of water delivered to SWC canals and why weren't beneficial-use rights included in the accounting (he also was wondering who I worked for). Tom Arkoosh's questions were mostly directed towards unaccounted storage and the delivery of the AFRD#2 right in the accounting (he asked the same question 5 different times to see if I would change my answer). The Bureau of Rec's questioning was probably the shortest with a few questions concerning how reservoir accrual occurs in the accounting. Randy Budge (representing IGWA) asked me a bunch of brief hydrologic and hypothetical questions to which Tom Arkoosh objected to, and I mostly answered "correct" or "possibly". The whole process seemed ridiculous to me because it would have been much more efficient (and shorter) if we would have just sat around the table and discussed the issues everyone was concerned about. I think the SWC attorneys could have done a much better job if they would have talked to me before the deposition. I had to resist saying "This is probably the more pertinent question you want to ask."

Tony

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260

non-tribal { 18900221 13

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Rese = 13

Burrell, Steve

From: Olenichak, Tony
Sent: Thursday, December 18, 2008 7:34 AM
To: Burrell, Steve
Subject: RE: More accounting changes

I forgot about the reach-gains program. Also, there's the diversion listing for Ben Britton's data retrieval. Wasn't one of the goals of the "new" accounting was to be able to make a change in one place, and it would automatically make the change in all the other places? Seems like there were less changes required in the "old" methodology.

If Jennifer threatens to quit, give her the 'ol public service speech about how her contributions are greatly appreciated, and she'll be rewarded in the next life.

I'm going to a Committee of Nine Meeting in Burley this morning to discuss the newly rewritten rental pool rules. Lyle has delegated all of the presentation to James, so I'll just get to sit back and watch. One part of me wants to take the lead, the other part of me wants to stay in Idaho Falls and sip hot chocolate.

Bob Sutter called me yesterday. Remind me to tell you about it later.

Tony

From: Burrell, Steve
Sent: Wednesday, December 17, 2008 5:46 PM
To: Olenichak, Tony
Subject: RE: More accounting changes

Yeah, this is more complicated than I initially thought. Before adding new water rights, the sites must exist in the database DPL tab. They also must then be added into the ASCII version (SNKWRA.DPL) on Helgas computer. Thats a redundant step that needs to go away. The capability to generate a SNKWRA.DPL from the database exists, but the database data needs to be checked against the existing ASCII version first. I'll ask Jeniffer to do the checking tomorrow. Once were satisfied the database will generate the correct SNKWRA.DPL, then one person can add the water rights and update the diversion list. Helga then generates a new rights file and dpl file before running the updated accounting. The database generated DPL provides the names used in the output of the daily accounting. We also talked about revising how combined diversions are listed in the daily printout to eliminate having to change the footers in the accounting code. I'll have Jeniffer work on that, too.

To have new diversions included in the storage report, the diversions must be manually added to each tab in that spreadsheet 2008DATA.xls. There may be an automated way to do this. That is another task I will give to Jeniffer. She is pretty smart and knows modern computer tricks. Plus, it will give her a glimpse of the Snake accounting. Hopefully she won't quit.

I think the short report uses an ASCII .ttl file to know what diversions to print. I may have to keep dealing with that manually. The reach gain program may also need to be updated.

Steve

Burrell, Steve

From: Olenichak, Tony
Sent: Thursday, October 16, 2008 8:57 AM
To: Burrell, Steve
Subject: RE: AFRD#2 natural-flow right

An IF statement may not work after the reservoir accounts are reset to zero, or a full reservoir account was reset on the "day of allocation" to a value less than 100% due to flood-control or something else. Absent an automated process, a 1700 cfs right for a 3/28/1921 priority could replace the 850 cfs of 3/30/1921 after August 15th. On those years when American Falls did not fill, someone would need to remember to go into the rights file and change the value from 1700 cfs to 850 cfs. This still isn't perfect because it wouldn't precisely split the 1700 cfs between AFRD#2 and WWS on years when American Falls had not filled because the Island Park and Palisades WWS rights would get in the way.

From: Burrell, Steve
Sent: Wednesday, October 15, 2008 6:57 PM
To: Olenichak, Tony; Swank, Lyle
Subject: RE: AFRD#2 natural-flow right

Yes, I would agree. The date the reservoir accounts get reset to zero on August 15 in the code to allow late season fill, if there's any natural flow available. On second thought, there is a programming headache if you want to automate the process for checking if the reservoir filled before letting AFRD#2 have the full 1,700 cfs. But, I really should check the rights file and code before I speculate further about how this may or may not work. Not tonight, though.

From: Olenichak, Tony
Sent: Wednesday, October 15, 2008 5:24 PM
To: Burrell, Steve; Swank, Lyle
Subject: RE: AFRD#2 natural-flow right

Good news about the programming.

The WWS gets new fill in October because the reservoir accounts have historically been reset to zero in the accounting to allow for "late-season fill" after the earlier decreed rights begin to shut off at the end of the irrigation season. The Burley Decree says all water diverted by AFRD#2 within the maximum of 1,700 cfs after American Falls Reservoir fills in that year shall be considered as natural flow. If that's the case and American Falls has filled earlier in the season, AFRD#2 should be entitled to 1,700 cfs of natural flow between the day American Falls fills until October 31st. WWS would only accrue the remaining amount of 1921 priority (if any) after AFRD#2 had received its full 1,700 cfs at the end of the season, unless American Falls Reservoir never filled during the season, in which case AFRD#2 would split the 1,700 cfs with WWS. Do you agree?

Tony

From: Burrell, Steve
Sent: Wednesday, October 15, 2008 4:18 PM

To: Olenichak, Tony; Swank, Lyle
Subject: RE: AFRD#2 natural-flow right

Programming wise, it would be easy. The AFRD#2/AF shared right right would have to be split into a variable season right in the rights file, with August 15 as the date after which AFRD#2 gets all the natural flow.

I wouldn't think the WWS right would be entitled to getting any more natural flow in late season if American Falls had already filled once. If American Falls hadn't filled that season, there may be an argument for allowing more fill out of the shared right.

Steve

From: Olenichak, Tony
Sent: Wednesday, October 15, 2008 10:40 AM
To: Burrell, Steve; Swank, Lyle
Subject: AFRD#2 natural-flow right

Lyle & Steve,

After a portion of my recent deposition centered on the delivery of the AFRD#2 natural-flow right 1-6, I was pretty confident the accounting program was accounting correctly for the AFRD#2 natural-flow right based on my reading of the Burley Decree.....at least at the start of the irrigation season. However, now that the accounting is showing we are filling the American Falls WWS right at the end of the season, there may be an argument as to whether we should also be filling the 1700 cfs AFRD#2 right from now until the end of the irrigation season.

To summarize the decree.....AFRD#2 has a right beginning May 1st for the first 1700 cfs available to the 3/30/1921 priority, with half (850 cfs) going to AFRD#2, and the other half (850 cfs) going to the American Falls storage right. Any remaining fill of the 3/30/1921 priority in excess of 1700 cfs goes to fill the American Falls storage right. Once the American Falls storage right has filled to 100%, AFRD#2 is credited for the entire first 1700 cfs of natural flow available to the 3/30/1921 priority for the remainder of the season.

Everything worked fine in the accounting until we added the American Falls Winter-Water-Savings (WWS) a few years ago. As I read the decree.....I think you can argue that AFRD#2 should be getting 1700 cfs of natural flow when the accounting program shows we are filling the American Falls storage priority at the end of the season (assuming it had filled at the beginning of the season). However, since we added the American Falls WWS to the accounting and assigned it a 3/29/1921 priority, AFRD#2 doesn't get any natural flow until the WWS space has completely filled and we start filling the 3/30/1921 priority. I don't think there is such a thing as a 3/29/1921 priority right. We just use the 3/29/1921 priority in the program to show the WWS space filling ahead of the non-WWS space in American Falls, but the entire American Falls storage right has a priority of 3/30/1921. Therefore, AFRD#2 should be getting natural flow at the end of the season when we are filling American Falls WWS space. Am I wrong?

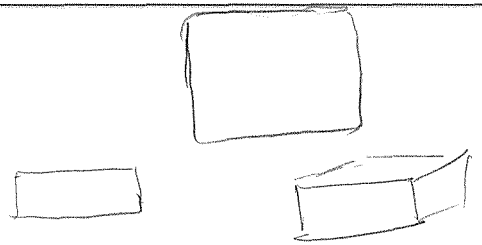
If I'm right....how do you program such a thing? The program would need to split the first 1700 cfs available to the 3/29/1921 priority until the WWS filled, then it would need to split the first 1700 cfs available to the 3/30/1921 priority until the American Falls storage right filled, and then AFRD#2 would be entitled to the full 1700 cfs of the 1921-priority until the end of the irrigation season.

Has anyone made the interpretation that AFRD#2 does not have a natural-flow right at the end of the season when we are filling the 1921 American Falls WWS?

Tony

Burrell, Steve

From: Olenichak, Tony
Sent: Monday, December 22, 2008 9:30 AM
To: Burrell, Steve
Subject: FW: More accounting changes



Steve,

After further review……we found the Kyle Bybee property irrigated by his pump upstream from the Sunnydell measuring section is also covered by the Sunnydell Canal rights. Mr. Bybee wants to use his private rights and his Sunnydell shares to water his property from his pump. Therefore, we need to combine the Bybee Pump 13038415 with the Sunnydell Canal 13038392. The Bybee Pump pumps water out of the canal immediately upstream from the canal's measuring weir so there's no need for a water-right transfer.

Tony

From: Olenichak, Tony
Sent: Wednesday, December 17, 2008 3:34 PM
To: Burrell, Steve
Cc: Cefalo, James; Kaufman, Joe
Subject: More accounting changes

Steve,

James reminded me of two additional pumps that need to be added the accounting program and storage report before we can do our final accounting.

13038415 Kyle Bybee Pump

There are two recommended SRBA rights for this pump that haven't been previously delivered in the accounting program plus a split of a right previously delivered to the Sunnydell Canal. Lyle agreed that we should add these rights to the accounting program:

Recommended rights 23-11230 and 22-13266 are conditioned so the combined amounts for both rights can't exceed 1.03 cfs with priority 1884-05-01 and period-of-use 4/15-10/31.

Also, recommended right 01-10481 for 0.36 cfs, priority 1882-07-01, and period-of-use 4/1-10/31 should be added to this pump. This right is a split from 23-113B previously assigned to the Sunnydell Canal. The Sunnydell Canal (13038392) right needs to get reduced from 1.00 cfs to 0.64 cfs to provide for the split. The new water-right number for the 0.64 cfs of Sunnydell Canal water is 01-10013.

13057119 Osgood Grain Pump

This pump has 1.17 cfs of 1896-10-16 priority with period of use 4/1-10/31. This right was split off from the 13057118 Harold Brown Pump. The Harold Brown right (01-00036H) needs to be reduced from 3.00 cfs to 1.83 cfs to provide for the split. The new water-right number for the 1.83 cfs assigned to the Harold Brown Pump is 01-10543. The water right number for the 1.17 cfs assigned to the Osgood Grain Pump is 01-10544.

If you have any questions, give me a call.

Tony

BRST < RST( )

From: Olenichak, Tony
Sent: Wednesday, December 17, 2008 5:21 PM
To: Burrell, Steve
Cc: Cefalo, James; Kaufman, Joe
Subject: RE: More accounting changes

Yes, this is the capability that Garth promised me years ago before he flew the coop and came back, but it's never gotten done. Before adding/changing the water rights database, I want to make sure the new diversions had been added to the program. Ideally, the same person that's adding the new diversions should also change the water-rights file at the same time and run/print the accounting to make sure it's working correctly and distributes the water correctly. Will adding a diversion(s) to the diversion file also add a line(s) to the storage report for the new diversions (and also add lines to the printed accounting reports including the short report), or will someone else have to do that?

Tony

From: Burrell, Steve
Sent: Wednesday, December 17, 2008 5:09 PM
To: Olenichak, Tony
Cc: Cefalo, James; Kaufman, Joe
Subject: RE: More accounting changes

Tony,
With the shared database now, you or James or Joe can add the water rights. Assuming it is installed and working on your computers. Jennifer or Liz can guide you all through the water rights entry and updating most efficiently.
Adding new diversions into the diversion file is also another thing that you should be able to do, soon, but not until I get the database version of diversions correlated with the old asci version. That is another punch list item for me, or maybe Jeniffer if I can get away with delegating it. Then, the only thing that you will need to remember is to have Helga update the number of diversions and water rights in the SNKWRA.IND file.

-Steve

From: Olenichak, Tony
Sent: Wednesday, December 17, 2008 3:34 PM
To: Burrell, Steve
Cc: Cefalo, James; Kaufman, Joe
Subject: More accounting changes

Steve,

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If you have any questions, give me a call.

Tony

2.8.5

SNKWRA.RTS (D:\WRA\Snake\Program) - GVIM

File Edit Tools Syntax Buffers Window Help

19160122	36000	13062506	0	0	0	0	0
19160122	18000	13062507	0	0	0	0	0
19161114	135000	13086000	0	0	0	0	0
19170515	1000000	13039000	0	5	0	0	0
19190308	4600000	13076751	0	-1	0	0	0
19190602	100000	13038110	0	0	0	0	0
19191115	20000	13057135	0	0	0	0	0
19200806	1260000	13087000	0	0	0	74	287
19210329	130881401	13032450	0	6	0	0	0
19210329	22687169	13042000	0	7	0	0	0
19210329	79067305	13076500	0	8	0	0	0
19210330	850000	13076500	0	9	0	0	0
19210330	850000	13086530	10	0	0	0	0
19210331	762847561	13076500	0	9	0	0	0
19210401	1700000	13086530	11	0	0	0	0
19220601	100000	13057145	0	0	0	0	0
19240307	1000000	13042600	0	-1	0	0	0
19291206	20	13049015	0	0	0	0	0
19291206	320	13049015	0	0	0	91	304
19320501	17000	13057135	0	0	0	0	0
19320601	100000	13057145	0	0	0	0	0
19350314	45374338	13042000	0	10	0	0	0
19360213	7665238	13046500	0	11	0	0	0
19360601	100000	13057145	0	0	0	0	0
19390401	80000	13037505	0	0	0	0	0
19390401	6000	13037855	0	0	0	0	0
19390401	16000	13038025	0	0	0	0	0
19390401	9000	13038050	0	0	0	0	0
19390401	55000	13038055	0	0	0	0	0
19390401	4000	13038098	0	0	0	0	0
19390401	5000	13038115	0	0	0	0	0
19390401	2000	13038145	0	0	0	0	0
19390401	30000	13038150	0	0	0	0	0
19390401	6000	13038205	0	0	0	0	0
19390401	70000	13038225	0	0	0	0	0
19390401	4000	13038360	0	0	0	0	0
19390401	670	13038426	0	0	0	0	0
19390401	34330	13038431	0	0	0	0	0
19390401	40000	13038434	0	0	0	0	0
19390401	5000	13038437	0	0	0	0	0
19390401	29000	13048475	0	0	0	91	304
19390401	6000	13048485	0	0	0	91	304
19390401	9000	13049705	0	0	0	91	274
19390401	24000	13049725	0	0	0	91	304
19390401	15000	13049805	0	0	0	91	304
19390401	23000	13050525	0	0	0	91	304
19390401	35000	13050535	0	0	0	91	304
19390401	70000	13050545	0	0	0	0	0
19390401	50	13054420	0	0	0	91	305
19390401	50000	13055030	0	0	0	0	0
19390401	9000	13055040	0	0	0	0	0
19390401	30000	13055060	0	0	0	0	0

-- REPLACE -- 659,3 83%

AMF

AFED42

AMR

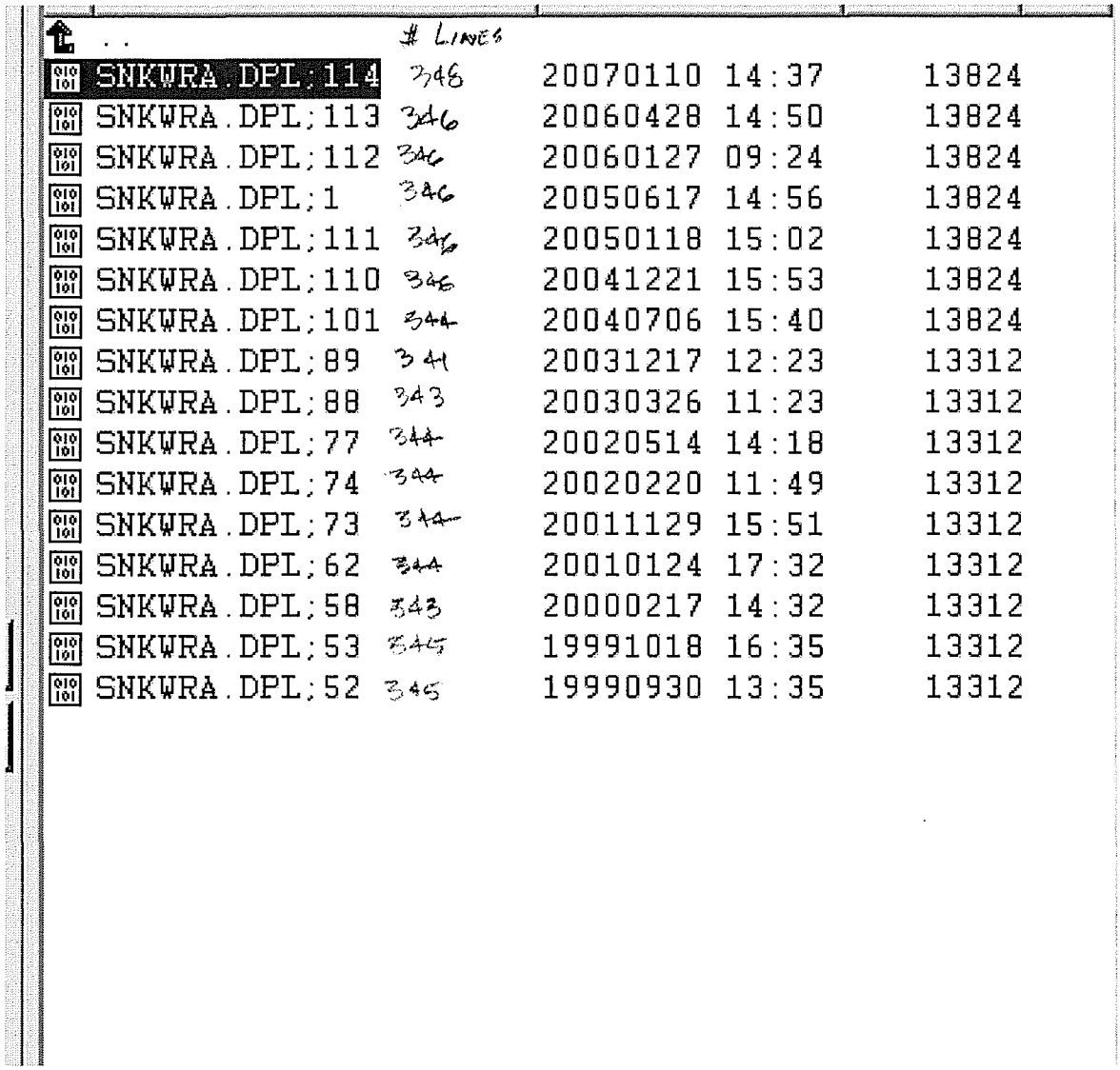
1921 0329
13065UU

PRIOR TO THE INITIAL DRAFT... AFTER THE RESEARCH FINDINGS.

MAKE NV Some late AFED42 Duration

2006 ARCHIVE NOTES

SNKA03888.RTS;1	97	16-NOV-2004	14:06:24.05
SNKA03PREOCT31.RPT;1	51	3-NOV-2003	10:56:11.34
SNKA04.ALC;1	9296	10-MAR-2005	16:34:01.44
SNKA04.CANIND;1	21	15-MAR-2005	11:40:08.05
SNKA04.DIVTTL;1	19	15-MAR-2005	11:41:36.93
SNKA04.DPL;1	27	15-MAR-2005	11:42:31.21
SNKA04.EPL;1	2	15-MAR-2005	11:42:59.09
SNKA04.HST;5	8471	23-MAR-2005	10:11:16.77
SNKA04.HST;4	8938	17-MAR-2005	09:26:33.75
SNKA04.HST;3	8938	20-APR-2005	14:13:37.80
SNKA04.HST;2	8939	16-MAR-2005	10:49:11.75
SNKA04.HST;1	9137	9-NOV-2004	15:23:07.81
SNKA04.IND;1	8	15-MAR-2005	11:44:48.47
SNKA04.RTS;1	96	10-MAR-2005	15:50:59.31
SNKA04.STOFOR;1	63	24-MAR-2005	08:00:01.01
SNKA04.SYSIND;1	1	15-MAR-2005	11:39:19.34
SNKA04.WRAFOR;1	213	24-MAR-2005	07:59:31.76
SNKA05.ALC;2	8768	19-APR-2006	08:55:41.51
SNKA05.CANIND;278	21	19-APR-2006	08:59:43.96
SNKA05.DPL;112	27	19-APR-2006	08:50:55.94
SNKA05.EPL;18	2	19-APR-2006	09:02:36.78
SNKA05.HST;2	8498	30-MAR-2006	08:19:43.87
SNKA05.RRTIND;282	2	19-APR-2006	08:59:10.97
SNKA05.RTS;244	94	19-APR-2006	08:51:33.49
SNKA05.SYSIND;245	1	19-APR-2006	08:58:47.75
SNKA05.WRAIND;174	8	19-APR-2006	08:58:19.09
SNKA2000.DIVTTL;1	19	10-FEB-2000	16:01:01.00
SNKA2000.DPL;1	26	5-APR-2001	14:43:59.50
SNKA2000.IND;2	7	13-FEB-2001	09:44:43.00
SNKA2000.IND;1	7	22-AUG-2002	15:08:57.30
SNKA2000.RTS;1	90	25-JAN-2001	11:19:12.00



	# LINES		
..			
SNKWRA.DPL;114	346	20070110 14:37	13824
SNKWRA.DPL;113	346	20060428 14:50	13824
SNKWRA.DPL;112	346	20060127 09:24	13824
SNKWRA.DPL;1	346	20050617 14:56	13824
SNKWRA.DPL;111	346	20050118 15:02	13824
SNKWRA.DPL;110	346	20041221 15:53	13824
SNKWRA.DPL;101	344	20040706 15:40	13824
SNKWRA.DPL;89	341	20031217 12:23	13312
SNKWRA.DPL;88	343	20030326 11:23	13312
SNKWRA.DPL;77	344	20020514 14:18	13312
SNKWRA.DPL;74	344	20020220 11:49	13312
SNKWRA.DPL;73	344	20011129 15:51	13312
SNKWRA.DPL;62	344	20010124 17:32	13312
SNKWRA.DPL;58	343	20000217 14:32	13312
SNKWRA.DPL;53	345	19991018 16:35	13312
SNKWRA.DPL;52	345	19990930 13:35	13312

2-28-07
SCB

..				DRC	#Recs	RTS
SNKWRA.IND;183	20070208	15:30	4096	348	47	789
SNKWRA.IND;182	20070207	16:36	4096	346	47	784
SNKWRA.IND;181	20070126	13:02	4096	348	47	757
SNKWRA.IND;180	20070110	15:35	4096	348	47	786
SNKWRA.IND;179	20060619	17:20	4096	346	47	786
SNKWRA.IND;178	20060601	16:43	4096	346	47	785
SNKWRA.IND;177	20060428	14:50	4096	346	47	784
SNKWRA.IND;176	20060426	10:37	4096	346	47	781
SNKWRA.IND;174	20060126	11:58	4096	346	47	749
SNKWRA.IND;173	20050805	13:50	4096	346	47	747
SNKWRA.IND;165	20041221	10:10	4096	346	47	763
SNKWRA.IND;164	20040901	11:43	4096	344	47	761
SNKWRA.IND;146	20040112	15:37	4096	341	46	772
SNKWRA.IND;136	20030703	14:12	4096	343	46	735
SNKWRA.IND;135	20030613	10:53	4096	343	46	730
SNKWRA.IND;118	20021011	09:00	4096	344	46	732
SNKWRA.IND;95	20020220	15:18	3584	344	45	758
SNKWRA.IND;94	20011129	14:00	3584	344	45	700
SNKWRA.IND;70	19991018	16:14	3584	345	41	715

3-28-07
SCB

	Lines		
..			
SNKWRA.RTS;256	789	20070208 15:29	53760
SNKWRA.RTS;255	788	20070207 16:36	53760
SNKWRA.RTS;254	787	20070126 13:02	53760
SNKWRA.RTS;253	786	20060630 09:56	53760
SNKWRA.RTS;252	786	20060619 17:19	53760
SNKWRA.RTS;251	785	20060601 16:43	53760
SNKWRA.RTS;250	784	20060522 14:28	53248
SNKWRA.RTS;249	784	20060517 11:53	53248
SNKWRA.RTS;248	784	20060428 14:50	53248
SNKWRA.RTS;247	781	20060426 10:22	53248
SNKWRA.RTS;244	749	20060206 10:22	48128
SNKWRA.RTS;239	747	20050805 13:49	48128
SNKWRA.RTS;1	738	20050617 15:06	47616
SNKWRA.RTS;233	738	20050520 10:44	47616
SNKWRA.RTS;222	763	20041221 09:39	49152
SNKWRA.RTS;221	761	20040901 11:43	49152
SNKWRA.RTS;211	738	20040514 15:10	47616
SNKWRA.RTS;210	735	20040505 15:19	47616
SNKWRA.RTS;190	771	20030808 08:27	49664
SNKWRA.RTS;182	735	20030703 14:11	47616
SNKWRA.RTS;181	730	20030613 10:53	47104
SNKWRA.RTS;179	726	20030425 08:05	46592
SNKWRA.RTS;180	725	20020417 13:26	46592

99999901M2008302	14585.2	82999	0	0	929.4
99999902M2008302	37465	9527	33919.6	0	0
99999903M2008302	0	0	0	0	0
99999904M2008302	0				
99999905M2008302	982866.2	318416.8	4049519	64640.8	0
99999906M2008302	-14959.3	-3035.5	165837.3	-2659.5	
99999907M2008302	182.6	417.7	18	504	53.6
99999908M2008302	53.1	68.9	68	100000	60000
99999909M2008302	2700	1800	2200	36	330.8
99999910M2008302	344.2	0	0	0	0
99999911M2008302	0	0	0	0	0
99999912M2008302	0	0	0	0	0
99999913M2008302	440.1	0	192.4	427.2	0
99999914M2008302	0	0	0	716.4	547.4
99999915M2008302	182.5	932.6	365.4	668.2	974.7
99999916M2008302	632.1	2200.3	84.3	253.8	0
99999917M2008302	0	0	0	0	0
99999918M2008302	6700				

SEC 29.2 ish for yearly rights
or | use variable rights

SWC

REACH GAINS

REXBURG

13057119 OSGOOD

13038415 BIGBEE

13037975

13038367

13032510

13032510

13032510

13057015

OIE

EVAP

SUM STAGE

ACCRD

DRA

PS

TT(1), TT(2), TT(4), (TT5), TT(10), TT(7)

SNKSTO06.RPT;4

20070302

DRAFT

2006 SNAKE RIVER STORED WATER BY RESERVOIR

(ACRE-FEET)

RESERVOIR	SPACE	FILL	EVAPORATION	YIELD
JACKSON LAKE	847000.0	829064.6	17592.7	811471.9
PALISADES	940400.0	898233.9	19060.4	879173.5
PALISADES WWS	259600.0	247959.9	5261.7	242698.2
HENRYS LAKE	90000.0	90000.0	1909.8	88090.2
ISLAND PARK	150204.0	150204.0	3187.3	147016.7
GRASSY LAKE	0.0	0.0	0.0	0.0
RIRIE	80500.0	80500.0	1708.2	78791.8
AMERICAN WWS	156830.0	156830.0	3327.9	153502.1
AMERICAN FALLS	1515760.0	1515760.0	32164.3	1483595.7
LAKE WALCOTT	95200.0	95200.0	2020.1	93179.9
AMERICAN F LTF	0.0	0.0	0.0	0.0
PALISADES LTF	0.0	0.0	0.0	0.0
SUB TOTAL	4135494.0	4063752.4	86232.4	3977520.0
MILNER	37000.0	31782.4	0.0	31782.4
TOTAL	4172494.0	4095534.8	86232.4	4009302.4

17935.4
42166.1
11640.1
71,741.6

OCT 15 13514.0

Nov 3

5216

VE5826

SNKWRA.RPT (D:\WRA\Snake\Program3) - GVIM1

File Edit Tools Syntax Buffers Window Help

14	TO GRASSY LAKE		OCT 20	2.	0.	2.	0.	-2.	0.	0.	0.	2.	19210329
15	GRASSY LK TO ABV YELLOW		OCT 20	620.	618.	620.	0.	-2.	0.	0.	0.	618.	19210329
16	ABV YELLOW TO CHESTER		OCT 20	613.	470.	472.	0.	-2.	0.	140.	141.	-7.	19210329
17	AB FALLS R TO ST ANTHONY		OCT 20	1936.	1180.	1229.	0.	-49.	0.	323.	386.	-19.	19210329
10	ST ANTHONY TO AB NF TETN	*	OCT 20	1936.	899.	948.	0.	-49.	0.	281.	281.	0.	19210329
18	AB S LEIGH TO ST ANTHONY		OCT 20	497.	560.	496.	0.	64.	0.	1.	1.	497.	19210329
19	ST ANTH TO TETON FORKS		OCT 20	429.	215.	151.	0.	64.	0.	277.	277.	-68.	19210329
47	TETON FORKS TO MOUTH	*	OCT 20	429.	176.	113.	0.	64.	0.	39.	39.	0.	19210329
20	AB NF TETN TO REXBURG		OCT 21	2680.	1390.	1376.	0.	14.	0.	0.	0.	315.	19210329
21	LORENZO TO MENAN		OCT 21	6169.	2770.	1819.	0.	951.	0.	57.	57.	198.	19210329
5	MENAN TO NR IDAHO FALLS		OCT 21	6638.	3150.	2133.	0.	1017.	0.	154.	155.	469.	19210329
36	NR ID FALLS TO AB WLW CR	*	OCT 21	6638.	3150.	2133.	0.	1017.	0.	0.	0.	0.	19210329
23	WILLOW CRK BLW TEX CREEK		OCT 21	27.	27.	27.	0.	0.	0.	0.	0.	27.	19210329
24	BLW TEX CREEK TO NR RIRI		OCT 21	27.	192.	27.	0.	165.	2.	0.	0.	0.	19210329
25	NR RIRIE TO FDWY NR UCON		OCT 21	24.	220.	6.	0.	214.	0.	18.	223.	-3.	19210329
28	FDWY NR UCON TO END	*	OCT 21	24.	220.	6.	0.	214.	0.	0.	0.	0.	19210329
31	WILLOW CRK TO SHELLEY		OCT 22	6668.	3500.	2139.	0.	1361.	0.	6.	6.	6.	19210329
6	SHELLEY TO AT BLACKFOOT		OCT 22	6152.	2700.	1371.	0.	1329.	0.	253.	259.	-516.	19210329
22	AT BLKFOOT TO BLW BLKFT	*	OCT 22	6152.	2649.	1320.	0.	1329.	0.	51.	51.	0.	19210329
38	BLW BLKFT TO NR BLKFOOT		OCT 23	6566.	3020.	1733.	0.	1287.	0.	0.	0.	413.	19210329
39	PORTNUEF R AT POCATELLO		OCT 23	129.	129.	129.	0.	0.	0.	0.	0.	129.	19210329
7	NR BLACKFOOT TO NEELEY		OCT 24	8902.	520.	3473.	0.	-2953.	25.	596.	0.	2207.	19210329
8	NEELEY TO MINIDOKA		OCT 24	9112.	659.	1182.	0.	-523.	26.	2501.	1.	209.	19210329
9	MINIDOKA TO MILNER		OCT 25	9290.	790.	0.	0.	790.	0.	1361.	1361.	178.	19210329

* - INDICATES FLOW ESTIMATED, NOT MEASURED TOTALS 9290. 4909. 9290.

	RESERVOIR	PREVIOUS AF	CURRNT AF	CHNG CFS	ACCRD CFS	TOTAL AF	EVAP AF
1	JACKSON LAKE	638305.0	638059.0	-124.0	354.9	11917.8	0.0
2	PALISADES	400361.0	400551.0	95.8	987.3	18496.6	28835.4
3	HENRYS LAKE	82000.0	82000.0	0.0	47.5	414.9	0.0
4	ISLAND PARK	74347.0	74672.9	164.3	171.1	3206.2	11217.2
5	GRASSY LAKE	12198.1	12203.7	2.8	0.0	0.0	0.0
6	RIRIE	48164.3	47764.8	-201.4	0.0	0.0	3929.0
7	AMERICAN FALLS	389455.0	399631.0	5130.3	596.5	11174.0	27023.2
8	LAKE WALCOTT	39118.8	39327.4	105.2	2500.0	59605.7	31807.6
9	LAKE MILNER	27678.8	26252.7	-719.0	0.0	0.0	0.0
	TOTAL	1711628.0	1720462.5	4454.6	4657.3	104815.2	102812.3

	PRIORITY	RESERVOIR	AF RIGHT	AF STORED
1		JACKSON LAKE 1906	298981.0	11917.8
2		LAKE WALCOTT	95200.0	59605.7
3		JACKSON LAKE 1910	138829.0	0.0
4		JACKSON LAKE 1913	409190.0	0.0
5		HENRYS LAKE 1917	79350.0	414.9
6		PALISADES WWS	259600.0	18496.6
7		ISLAND PARK 1921	45000.0	3206.2
8		AMERICAN FLS WWS	156830.0	11174.0
9		AMERICAN FALLS	1515760.0	0.0
10		ISLAND PARK 1935	90000.0	0.0
11		GRASSY LAKE	15204.0	0.0
12		PALISADES 1939	940400.0	0.0
13		HENRYS LAKE 1965	10650.0	0.0
14		RIRIE	80500.0	0.0
15		RENTAL LTF	0.0	0.0
16		PALISADES PWRHD	157000.0	0.0

	CHANGE IN CONTENT	STORAGE DIVERTED	STO PAST MILNER	TOTAL STORED	UNACCT STORED	AM FALLS GAIN DIFF
YEAR-TO-DATE AF	573441.9	1685093.0	296032.2	4374960.4	423947.3	-2371.3

1 DIVERSION DATA - OCT 25, 2008 20090208^@

DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG
1 P BIRD	0	0	0	0
114 L FRANSEN (29)	0	0	0	0
227 D BOYCE	0	0	28	-28

79089,99 96%

SEE SEC 45-1

SNKA06.RPT (W:\hydrology_section\HistoricAccountingModel\SnakeRiver\2006) - GVIM4

File Edit Tools Syntax Buffers Window Help

16	ABV YELLOW TO CHESTER		OCT 26	638.	583.	Jump to tag under cursor	-6.	0.	49.	51.	9.	19210329
17	AB FALLS R TO ST ANTHONY		OCT 26	2009.	1540.	1255.	0.	285.	0.	195.	221.	-4.	19210329
10	ST ANTHONY TO AB NF TETN	*	OCT 26	2009.	1295.	1010.	0.	285.	0.	245.	245.	0.	19210329
18	AB S LEIGH TO ST ANTHONY		OCT 26	534.	560.	534.	0.	26.	0.	0.	0.	534.	19210329
19	ST ANTH TO TETON FORKS		OCT 26	418.	295.	269.	0.	26.	0.	148.	148.	-117.	19210329
47	TETON FORKS TO MOUTH	*	OCT 26	418.	290.	264.	0.	26.	0.	5.	5.	0.	19210329
20	AB NF TETN TO REXBURG		OCT 27	2772.	1930.	1619.	0.	311.	0.	0.	0.	345.	19210329
21	LORENZO TO MENAN	*	OCT 27	5985.	2972.	1571.	0.	1401.	0.	48.	48.	0.	19210329
5	MENAN TO NR IDAHO FALLS		OCT 27	6542.	3440.	1993.	0.	1447.	0.	136.	136.	558.	19210329
36	NR ID FALLS TO AB WLW CR	*	OCT 27	6542.	3440.	1993.	0.	1447.	0.	0.	0.	0.	19210329
23	WILLOW CRK BLW TEX CREEK		OCT 27	50.	50.	50.	0.	0.	0.	0.	0.	50.	19210329
24	BLW TEX CREEK TO NR RIRI		OCT 27	50.	305.	50.	0.	255.	1.	0.	0.	0.	19210329
25	NR RIRIE TO FDWY NR UCON		OCT 27	41.	320.	39.	0.	281.	0.	2.	120.	-9.	19210329
28	FDWY NR UCON TO END	*	OCT 27	41.	320.	39.	0.	281.	0.	0.	0.	0.	19210329
31	WILLOW CRK TO SHELLEY		OCT 28	6737.	4190.	2185.	0.	2005.	0.	0.	0.	154.	19210329
6	SHELLEY TO AT BLACKFOOT		OCT 28	6332.	3610.	1705.	0.	1905.	0.	76.	76.	-405.	19210329
22	AT BLKFOOT TO BLW BLKFT	*	OCT 28	6332.	3586.	1680.	0.	1905.	0.	24.	24.	0.	19210329
38	BLW BLKFT TO NR BLKFOOT		OCT 29	6441.	3480.	1789.	0.	1691.	0.	0.	0.	108.	19210329
39	PORTNUEF R AT POCATELLO		OCT 29	231.	231.	231.	0.	0.	0.	0.	0.	231.	19210329
7	NR BLACKFOOT TO NEELEY		OCT 30	9070.	364.	0.	0.	364.	27.	4418.	0.	2398.	19210329
8	NEELEY TO MINIDOKA		OCT 30	9241.	489.	171.	0.	318.	25.	0.	0.	171.	20030717
9	MINIDOKA TO MILNER		OCT 31	9446.	711.	376.	0.	335.	0.	0.	1.	206.	20030717

* - INDICATES FLOW ESTIMATED, NOT MEASURED TOTALS 9070. 2361. 9446.

	RESERVOIR	PREVIOUS AF	CURRNT AF	CHNG CFS	ACCRD CFS	TOTAL AF	EVAP AF	
1	JACKSON LAKE	632100.0	631332.0	-387.2	227.8	36884.2	0.0	.1(c01961
2	PALISADES	584322.0	586142.0	917.6	1699.2	41233.0	25388.4	.401
3	HENRYS LAKE	85600.0	85600.0	0.0	17.5	1748.7	0.0	.32
4	ISLAND PARK	82988.0	83533.0	274.8	492.0	12209.1	10108.8	.4287
5	GRASSY LAKE	10843.0	10846.0	1.5	0.0	0.0	0.0	
6	RIRIE	40723.0	40181.0	-273.3	0.0	0.0	3456.0	
7	AMERICAN FALLS	478700.0	488854.0	5119.2	4418.2	69639.4	21525.8	.711
8	LAKE WALCOTT	39600.0	40060.0	231.9	0.0	95200.0	25753.4	.65
9	LAKE MILNER	25700.0	25600.0	-50.4	0.0	0.0	0.0	
	TOTAL	1980576.0	1992148.0	5834.1	6854.6	256914.5	86232.4	

	CHANGE IN CONTENT	STORAGE DIVERTED	STO PAST MILNER	TOTAL STORED	UNACCT STORED	AM FALLS GAIN DIFF
YEAR-TO-DATE AF	665539.3	1992554.3	281795.2	4320667.0	31782.4	671.3

	PRIORITY	RESERVOIR	AF RIGHT	AF STORED
1		JACKSON LAKE	298981.0	36884.2
2		LAKE WALCOTT	95200.0	95200.0
3		JACKSON LAKE	138829.0	0.0
4		JACKSON LAKE	409190.0	0.0
5		HENRYS LAKE	79350.0	1748.7
6		PALISADES	259600.0	41233.0
7		ISLAND PARK	45000.0	12209.1
8		AMERICAN FALLS	156830.0	69639.4
9		AMERICAN FALLS	1515760.0	0.0
10		ISLAND PARK	90000.0	0.0
11		GRASSY LAKE	15204.0	0.0
12		PALISADES	940400.0	0.0
13		HENRYS LAKE	10650.0	0.0
14		RIRIE	80500.0	0.0
15		AMERICAN FALLS	0.0	0.0
16		PALISADES	0.0	0.0

1 DIVERSION DATA - OCT 31, 2006 20070227^@

DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG	DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG	DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG

89246,1 99%

JEFF - Cell 681-3677 Blackfoot

			6/4	6/5	6/6	6/7	6/8	6/9	6/10
60500	Reservation	RECI	5.17						
61430	Blackfoot	BFCI	3.70						
61520	New Lava Side	NLCI	1.39						
61525	Peoples	PECI	1.74						
61610	Aberdeen	ASCI	3.44						
61650	Corbett	CBCI	1.20						
61670	Nielson - Hansen		1.48	1.58	1.60				
61705	Riverside	RICI	1.11						
61995	Danskin	DNCI	1.66						
62050	Trego	TRCI	1.53						
62051	Jenson Grove		2.88	2.80	2.20				
62500	Snk Rvr at Blackfoot	SNAI	8.82						
62503	Wearyrick		2.30	2.33	2.38				
62506	Watson	WACI	~~1.40~~						
62507	Parson		1.82	1.62	1.60				
64500	Sand Creek	SNDI	1.97						
65500	Reservation Drop	RSDI	4.27						
62505	Wadsworth Island		1.70	1.70	1.70				
	Natural Guardian Di		0.48		0.50				
	Just Ditch		1.00		1.00				
	Blackfoot Slough		1.72		1.80				
	Little Butte Canal		0.72		0.70				
	Central Ditch		0.82		0.80				
	Stevens Ditch		1.00		1.00				
	Riverton Ditch		1.85		1.88				
	Smith – Maxwell Ditc		off		off				
	Sand creek Ditch		1.86		1.72				

ALLEN - Cell 604-3713

			6/4	6/5 Willows CR	6/6	6/7	6/8	6/9	6/10
37977	Eagle Rock Dump	ELCI	3.00	3.10	3.04				
57938	Loertscher (1.6)								
58015	Foster (4.6)								
58090	Cromwell (Johnson) (2.6)		on	off	off				
58105	Lovell # 1 (1.9)		on	on	off				
58125	Ferguson			1.80	1.76				
58145	Lovell # 2 (1.4)		on	on	off				
58165	Reed # 1 (5.6)								
58340	Schwendiman Pump(14.0)								
58210	Sargent & Summers		2.00	1.98	1.94				
58230	Durtschi (4.0)		on	on	on				
58250	Reed # 2 (2.3)								
58265	Foster - Sargent (2.3)		on	off	off				
58270	Sperry (3.0)		on	on	off				
58290	O. Avery		.93	.90	.86				
58310	R. Avery		.67	.66	.67				
58090	Schwindimon								
58330	Stucki (1.6)		on	on	off				
58350	O. Avery (p) (2.0)								
58370	R. Cooper (Sand)		.58	.58	.58				
58380	R Cooper (Willow)								
58510	Sand Creek abv Ririe Flwy	WIFI	2.73	2.84	2.66				
58512	Bean			.54	.50				
58508	Doug Keeler (Diff*.333=cfs)		13288.6	13302.5	13304.8				
58514	W & O Cooper		.68	.66	0.64				
58515	Idaho from Sand Creek		1.52	1.62	1.22				
58520	Willow Creek Floodway	WILI	1.00	1.00	1.22				
58530	Willow Crk blw Ririe flwy	WBFI	~~4.58~~	4.52	4.81				
58519	Demick								

HENRYS FORK (C)

MARILYN

			6/14	6/15	6/16	6/17	6/18	6/19	6/10
54515	Canyon creek								
55030	Wilford	WFCI	1.14 84	1.12 82					
55040	Teton Irrigation	TICI	.58 31	.56 31					
55042	Siddoway Pumps + Siddoway Sprinkler		3cfs	3 cfs	3cfs				
55050	Pioneer		e1	e1	e1				
55060	Stewart		.82 15	.88 17	.84 16				
55205	Pincock-Byington		.60 11	.60 11	.56 10				
55275	Roxana		1.14 20	1.08 18	1.00 16				
55280	Island Ward		e4	e2	1.14 12				
55295	Saurey-Summers		1.44 15	1.46 15	1.44 15				
55314	Bigler Slough								
55315	Woodmansee-Johnson		.54 8	.52 7	.52 7				
55323	City of Rexburg		2.36 200	2.28 195	2.20 78				
55313	Gardner-Bechtel		e2	e2	1.68 1.0				
55245	Salem Union B		1.02 17	1.14 16	1.16 16				
55334	Rexburg Irrigation +.04	RXRI	1.64 110	1.76					
55210	Teton Island Feeder +1.40	TITI	2.48	2.50					
55311	Pincock-Gardner								
55250	NF Teton @ Sugar	TTNI							

WAYNE

HENRYS FORK (3)

	Squirrel Creek GH								
47475	Marysville	MRYI							
47305	Yellowstone								
47575	Farmers Owen								
47681	Conant Canal								
47900	Boom Pump Meter diff/1.98/days GPM to CFS Flow meter								
48225	Squirrel Pump Meter diff/1.98/days								
48050	Orme								

HENRYS FORK (6)

GAYLE

			6/4	6/5	6/6	6/7	6/8	6/9	6/10
48475	Enterprise		1.02 49	.66 29					
48560	Fall River Canal	FRCI	.71 56	.72 57					
48705	Chester	~~CHCI~~	1.39 62	1.42 64					
49008	McBee		.52 3	.49 3					
49010	Silkey		.88 20	.38 16					
49015	Curr		1.38 46	1.34 44					
49550	Last Chance		1.16 48	.96 36					
46310	Dewey		.92 19	.92 19					
49560	Cross Cut at Head	CXCI	2.882	2.88 281					
50016	Cross Cut at Middle		1.34 148	1.32 145					
50018	Cross Cut at End	CRCI	1.64 131	1.64 131					
50102	Fall River Canal -Above		.76 21	.81 23					
50108	Fall River Canal-Below		.92 28	.96 30					
49705	Farmers Friend	FARI							
49710	Twin Groves	TGCI	1.12 76						
49725	St Anthony Union	AUCI	2.05 274						
49805	Salem Union	SUCI	1.58 162						
50525	Egin	EGCI	2.04 196						
50530	St Anthony Union Feeder	AFCI	.48 57						
50535	Independent	INCI	1.49 150						
50545	Consolidated Farmers	~~CFCI~~	1.86 227	1.87 240					

NICK – cell 589-4199 RIBIE CANALS

			6/4	6/5	6/6	6/7	6/8	6/9	6/10
37505	Anderson	ANCI	2.02	2.38					
37975	Eagle Rock	ERCI	3.03	3.26					
37980	Farmers Friend	FFCI	3.03	2.01					
37985	Enterprise	ENTI	4.38	4.51					
38000	Dry Bed Head	DRYI	6.00	5.98					
38000	Dry Bed Bridge	DRYI	9.66	9.60					
38025	Butler Island		1.12	1.16					
38030	Ross & Rand		1.30	1.38					
38050	Steele		D	D					
38055	Harrison	HARI	2.81	2.85					
38065	Cheny		D	D					
38080	Butler Island # 2		D	D					
38085	Rudy	BOOI	2.28	2.15					
38090	Lowder		1.81	1.65					
38098	Kite & Nord		.65	.65					
38110	Burgess	BURI	3.65	3.65					
38115	Clark & Edwards	CECI	1.80	1.80					
38145	Croft		D	D					
38150	East Labelle	LACI	1.56	1.56					
38387	Nelson		D	D					
38388	Mattson - Craig		2.14	2.14					
38392	Sunnydell		3.34	3.32					

KLAIR – cell 709-2240 RIGBY

			6/4	6/5	6/6	6/7	6/8	6/9	6/10
38180	Rigby	RGCI	2.18	2.20	2.18				
38204	Dilts Lateral Diversion		1.75	1.75	1.75				
38205	Dilts		.88	.95	1.05				
38210	Island	ISCI	1.82	1.80	1.80				
38225	W Labelle & Long Island	LABI	2.27	2.27	2.24				
38305	Parks & Lewis	PRKI	2.65	2.60	2.68				
38315	North Rigby		1.10	1.10	1.10				
38340	White		1.60	1.40	1.40				
38360	Bramwell		off		off				
38362	Ellis		off		off				
38426	Lenroot		2.52	2.42	2.14				
38426	Lenroot Lateral		off	off	off				
38431	Reid	RDWI	1.65	1.70	1.65				
38434	Texas & Liberty	TLCI	2.05	2.00	2.10				
38435	Bannock Jim		.80	.80	.80				
38436	Hill - Pettinger		1.80	1.70	1.70				
38437	Nelson - Corey		.60	.60	off				
57025	Butte & Market Lake	BMCI	NOBODY TOLD ME MANUAL GATES						
	Hill North Pump		off	off	off				
	South Pump		off	off	off				

HUE IDAHO FALLS

			6/4	6/5	6/6	6/7	6/8	6/9	6/10
57030	Bear Trap		2.16	2.22	2.22				

RON - Cell 521-9878 IDAHO FALLS

			6/4	6/5	6/6	6/7	6/8	6/9	6/10
59520	Woodville Syphon		1.00	1	1.00				
59505	Woodville	WVCI	.90		1.00				
59525	Snake River Valley	VLCI							
57250	Porter	POCI	1.97	2.00	1.97				
57135	Great Western	GWCI	2.12	2.12	2.16				
57126	Clements East		off	on	on				
57126	Clements West		on	on	off				
57130	Kennedy		2.00 12	1.70 28	2.25 10				
57125	Osgood *	OSCI		1.0					

MEDIATOR'S TERM SHEET

1. **Nez Perce Tribal Component.**
   A. The Tribe's on-reservation, consumptive use reserved water right will be quantified in the amount of 50,000 AF per year, with a priority date of 1855. This water right will be established so as to allow for irrigation, DCMI, hatchery and cultural uses, at the discretion of the Tribe. The parties expect the source of most of this water right will be the Clearwater River; however, the source of some this water right may be from tributary streams adjacent to tribal lands to the extent unappropriated water is available and no injury to existing water rights will occur. The Tribe will administer the on-reservation use of this water right pursuant to the tribal water code. The Tribe may rent this water within the State of Idaho through the state water bank or water banks.
   B. The United States will establish a $50 million multiple-use water and fisheries resource trust fund for the Tribe to use in acquiring lands and water rights, restoring/improving fish habitat, fish production, agricultural development, cultural preservation, and water resource development or fisheries-related projects.
   C. Subject to authority, the United States will enter into an agreement with the Tribe as to the use of 200 KAF in Dworshak Reservoir, which will include an operational MOA between the Tribe, Corps of Engineers (COE), National Marine Fisheries Service (NOAA Fisheries), the Bonneville Power Administration (BPA), and the State of Idaho implementing a flow augmentation plan beneficial to fish. Prior to the agreement implementing this term sheet,[1] the Tribe and the US will mutually agree that the power revenue effect of implementing this term will be either neutral or positive, or in the absence of such agreement, will revise this term so that such effect will be neutral or positive.
   D. The United States will fund the design and construction of domestic water supply and sewer systems for tribal communities on the reservation, including a water quality testing laboratory, in the total amount of $23 million.
   E. The United States will enter into a long-term contract with the Tribe at the time of settlement, transferring management control of the federal hatchery at Kooskia to the Tribe. The United States and the Tribe will enter into an agreement for joint management of hatchery programs at the Dworshak National Hatchery.
   F. Prior to the completion of the agreement, the United States and the Tribe will agree to a quantity of BLM lands within the reservation to be transferred from the United States to the Tribe, to be selected by the Tribe from within the 11,000 acres identified as available for selection by the BLM, up to a total value of $7 million as determined by mutual agreement or, in the absence of mutual agreement, by an independent appraisal report based upon the fair market value that is prepared in accordance with the *Uniform Standards of Professional Appraisal Practice* (USPAP) and the *Uniform Appraisal Standards for Federal Land Acquisitions*. The BLM and the Tribe, under the authority of the Federal Land Policy and

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[1] Implementation of this Term Sheet will involve drafting of a number of implementation documents including federal and state legislation, a consent decree, biological assessments and opinions in accordance with the Endangered Species Act, and other documents. References in this Term Sheet to "agreements" refer to those implementation documents.

Management Act of 1976, will enter into a cooperative agreement to coordinate and cooperate in management of BLM lands within the reservation which will include a right of first refusal for the Tribe to purchase any BLM lands that the United States may choose in the future to sell, transfer, or exchange.

G. Any non water-based claims the Tribe may have against the United States for the construction and operation of the Dworshak Dam will not be waived as a part of this agreement, nor will any compensation for such alleged claims be a part of the agreement. The United States understands that the Tribe intends to pursue such claims, moral or legal, separately from this agreement, and, without admitting any liability, agrees to meet in good faith with the Tribe to attempt to resolve such claims.

H. In lieu of contracting 45,000 AF of uncontracted storage space in the Payette River system to the Tribe, the United States will pay the Tribe the present value of $10.1 million of the 30-year rental value of that space based on the rental charges set in section III.C.8.

I. The Tribe's treaty right of access to and use of water from springs and fountains on Federal public lands within the 1863 Nez Perce Treaty ceded area shall be recognized and established under the agreement.

J. Lewiston Orchards Irrigation District (LOID)/City of Lewiston. This term sheet does not address any of the issues surrounding the proposed transfer of the LOID/Bureau of Reclamation water diversion system to the Tribe or funding by the United States of a replacement water intake system on the Clearwater River for LOID. The intention of the parties is to allow any discussions that may take place in the future among LOID, the Tribe, the Bureau of Reclamation (BOR), the City of Lewiston, and other affected water right holders to occur separately from and unaffected by this term sheet.

II. **Salmon/Clearwater Component**

A. **Instream Flows To Be Established As Part of Settlement of Nez Perce Claims.**

1. Idaho will establish, pursuant to state law, instream flow water rights, to be held by the Idaho Water Resource Board (IWRB), on the streams within the Salmon and Clearwater Basins listed in Appendix I, List A in accordance with the protocol set forth as part of Appendix I. Such water rights will be established by March 31, 2005.

2. By March 31, 2005, the IWRB will establish pursuant to state law instream flow water rights for the streams within the Salmon and Clearwater River Basins on the streams listed in Appendix I, List B, in amounts that are negotiated by the parties in consultation with local communities. In conjunction with the establishment of instream flows for the streams listed in Appendix I, List B, the parties will seek legislation from the Idaho Legislature to permit the IWRB to protect from diversion water to satisfy such instream flows, where needed, under state laws, regulations, and water bank rules. In negotiation of the quantification of instream flows, the parties will take into consideration the present hydrograph and the status of state-granted water rights on each stream.

3. The instream flows will be subordinated to water rights existing on or before the date of this agreement and to future domestic, commercial, industrial and municipal water rights. In issuing any new water rights for future uses that may affect the instream flows, IDWR will consider the local public interest under Idaho Code § 42-203(A)5, including but not limited to the protection of fish and wildlife habitat, aquatic life,

recreation, aesthetic beauty, transportation and navigation values, and water quality.

4. The SRBA court will decree the instream flows established by the IWRB on the streams listed in Appendix I, Lists A and B. In the event the State proposes to change any instream flow listed in Appendix I, Lists A and B, the State agrees to: 1) provide 6 months advanced written notice to the parties of any proposed change, including the basis for the proposed change and an analysis of the impacts, if any, resulting from the proposed change to fish and wildlife resources; and 2) to consult with the Nez Perce Tribe on a government-to-government basis prior to making the change.
5. Federal reserved water rights for the Selway, Lochsa, Middle Fork Clearwater, Rapid River, Main Salmon and Middle Fork Salmon River will be decreed under the Wild and Scenic Rivers Act to the United States pursuant to a separate settlement in the SRBA.
6. Existing state instream flows on the mainstem Clearwater, the mainstem Salmon, the Lemhi and the Pahsimeroi Rivers will be maintained as presently quantified, subject to I.C. § 42-1504.
7. The parties will study the relationship of the IWRB instream flows on the Clearwater River with the potential future operations of Dworshak Reservoir including evaluations of the existing rule curve and proposed future integrated rule curves to provide for operation of Dworshak consistent with anadromous and resident fishery objectives, and other information as appropriate. The parties will complete the study by December 31, 2004.
8. In the Lemhi and Pahsimeroi, additional habitat actions will be developed by the Parties in consultation with the local community and stakeholder groups in the course of developing the proposed Section 6 Cooperative Agreement (see Section II.D). The Parties' anticipation is the development of the actions will be specifically directed toward (1) assembling by March 31, 2005 sufficient agreement on actions to ensure settlement of the Nez Perce instream water right claims, and (2) maximizing the consistency between those actions and all provisions of any proposed Section 6 Cooperative Agreement that may relate to the Lemhi or Pahsimeroi basins.
9. Enforcement. In accordance with Idaho Code Title 42, Chapter 6, or other applicable law, IDWR will regulate the delivery of the instream flow water rights and protect from diversion water to satisfy such instream flows through the designated stream reaches, subject to priority and to the subordinations specified in section II.A.3.

B. **Salmon/Clearwater Habitat Management and Restoration Initiative.** The State of Idaho will implement a Salmon and Clearwater Habitat Management and Restoration Initiative for the conservation and restoration of habitat within the Salmon and Clearwater River Basins. The Initiative will consist of three components: 1) instream flow program, 2) forest practices program, and 3) a habitat restoration program.

1. Instream Flow Program.
    a. The State will identify as part of the development of a Section 6 Cooperative Agreement(s) as provided for in Section II.D a list of streams for which it desires incidental take coverage. Within 60 days of this notice, the State will provide existing and expected future water depletions, including quantity and location (basin) for those streams that are to be included in the Section 6 Cooperative Agreement. Streams determined by the Services to be flow limited will be

addressed in collaboration among the parties and local communities in order for the Section 6 Cooperative Agreement described in section II.D to satisfy the requirements of section 7(a)(2) of the ESA. Any state instream flows established under this section will not be decreed by the SRBA court nor will such instream flows be subject to the notice and consultation process described in section II.A.4 above.

b. Monitoring. The parties will negotiate a monitoring plan and method for determining compliance with the instream flow program.

c. Enforcement. IDWR will regulate the delivery of the instream flow water rights and protect from diversion water to satisfy such instream flows through the designated stream reaches, subject to priority and to the subordinations specified in section II.A.3 above.

2. **Idaho Forestry Program.** [Appendix II contains the figures and other references in this section.] Owners or operators who participate in the following State of Idaho Section 6 forest practices program will receive incidental take coverage under the ESA for any incidental take that may occur of listed species covered by this Agreement due to forest practices conducted in accordance with this Agreement. The forest practice program will be based on the Idaho Forest Practices Act ("IFPA"), Idaho Code §§ 38-1301 et seq. Owners and operators participating in the forest practices program voluntarily commit to implement the following prescriptions, in addition to the IFPA, to provide additional short-term and long-term conservation benefits for listed species. The Section 6 Agreement to be negotiated by the parties will not vary materially from the following terms, but may explain and define these terms, including establishment of standards relating to subsequent administrative decisions by the Idaho Department of Lands, as mutually agreed by the parties. This forestry program is a cooperative agreement between the State and the Services pursuant to Section 6(c) of the ESA, and neither applies to Nez Perce tribal lands nor impairs Nez Perce treaty fishing, hunting, pasturing, or gathering rights.

a. **DEFINITIONS:**

i. Bank Full Depth: The average depth of the stream when the flow is at the ordinary high water mark. This is used to determine the average depth of the stream for the reach adjoining management activities.

ii. Class I Stream: For purposes of this Agreement, Class I streams are those that contain habitat which is used by fish at any life stage at any time of the year including potential habitat likely to be used by fish which could be recovered by restoration or management and includes off-channel habitat. Where it is unknown whether the stream may contain fish, fish habitat or potential habitat, the current IFPA rules based on upstream drainage area will be used to determine the Class I-Class II boundary. The Class I-Class II boundary may be determined from other, analytically-based or empirical methods, as approved by the IDL.

iii. Class II Stream: For purposes of this Agreement, Class II streams are headwater streams or minor drainages that do not contain habitat likely to be used by fish at any life stage at any time of the year. The principle value of Class II streams lies in their influence on ecological functions, water

quality and water quantity downstream in Class I streams.

iv. Cumulative Watershed Effects Process (CWE): Forest Practices Cumulative Watershed Effects Process for Idaho, as amended.

v. Distances: All distances referenced in these supplement measures are slope distances, unless otherwise provided herein.

vi. Flood Prone Width: Flood prone width is defined as the width of the water's surface at twice the bank full depth.

vii. Idaho Department of Lands (IDL): The administering agency of the IFPA.

viii. Hot spot: (as defined in the Native Fish Habitat Conservation Plan (NFHCP)).

ix. Large Woody Debris (LWD): Live or dead trees and parts or pieces of trees that are large enough or long enough or sufficiently buried in the stream bank or bed to be stable during high flows.

x. Multiple Unconfined Channel: Valley bottom contains multiple (braided) channels that are active or relic.

xi. Ordinary High Water Mark: That mark on all water courses in respect to vegetation, which will be found by examining the beds and banks and ascertaining where the presence and action of waters are so common and usual, and so long continued in all ordinary years as to mark upon the soil a character distinct from that of the abutting upland.

xii. Riparian Protection Zone (RPZ): The combined widths of the no harvest and buffer zones defined in these measures.

xiii. Single Confined Channel: Bank full flow is contained within a single channel and the flood prone width is less than four times the bank full channel width.

xiv. Single Unconfined Channel: Bank full flow is contained within a single channel and the flood prone width is greater than four times the bank full channel width.

xv. SPZ: Stream Protection Zone as defined in the IFPA.

b. **RIPARIAN MANAGEMENT MEASURES**

i. Because of the diversity of terrain and forest types in Idaho, it is difficult to design a "one-size fits all" set of riparian management measures. Thus, while the supplemental measures set forth below are designed for application to all enrolled forest lands, the program to be included in the Section 6 Agreement will also provide a mechanism for enrollees to design site-specific stream protection measures that must be reviewed and approved by the IDL forest practices coordinator or designee and a fisheries biologist as appropriate prior to implementation. An approved site-specific stream protection plan shall provide for equivalent or better results than these supplemental conservation measures.

ii. RIPARIAN MEASURES FOR CLASS I STREAMS. -- On Class I streams the following measures shall apply to the RPZ.

(a) No Harvest Zone Measures

i) The No Harvest Zone is defined as:

a) Twenty-five (25) feet (each side) of the ordinary high

water mark where the stream is contained in a Single Confined Channel (Figures 1, 4).

b) Twenty-five (25) feet (each side) of the ordinary high water mark where the stream is contained in a Single Unconfined Channel (Figures 2, 5).

c) The entire flood prone width where the stream is contained in Multiple Unconfined Channels (Figures 3, 6). Where the current channel, or any relic channel is within 25 feet of the valley sidewall, the No Harvest Zone will be extended upslope twenty-five (25) feet from the ordinary high water mark of that channel.

ii) Harvest will not occur in the No Harvest Zone unless determined by the IDL, on a site-specific basis, that harvest is necessary to maintain or improve riparian function, which may include reduction of the risk of forest fires, disease, or insect infestation. An enrollee who believes harvest is necessary to maintain or improve riparian function must submit a site-specific plan for IDL review and approval prior to implementation. Such harvest plan must describe how riparian function will be protected.

iii) Yarding corridors will not be placed through the No Harvest Zone unless required to minimize road construction, for operator safety, or to achieve sound forestry practices in the adjacent area. Any such yarding corridor shall be placed in a No Harvest Zone only to the minimum extent necessary, and only as approved by the IDL forest practices coordinator or designee, with advice from a fisheries biologist as appropriate. Any approved plan authorizing a yarding corridor within the No Harvest Zone must still ensure the minimum stocking levels are retained within the RPZ. Yarding corridors that affect more than ten (10) percent of the RPZ will be mitigated as approved by IDL.

iv) When harvesting in areas adjacent to Class I streams, LWD may be added (through active placement of LWD) from the buffer zone, in accordance with an approved site-specific plan (II.B.2.b.i). This may alter the leave tree requirements.

(b) Buffer Zone Measures

i) The buffer zone is defined as:

a) Fifty (50) feet (each side) of the No Harvest Zone where the stream is contained in a Single Confined Channel (Figures 1, 4).

b) The entire flood prone width beyond the No Harvest Zone where the stream is contained in a Single Unconfined Channel (Figure 2, 5). Where the channel is within twenty-five (25) feet of the valley sidewall, the

buffer zone will be extended fifty (50) feet upslope of the No Harvest Zone.

c) Where the stream is contained in Multiple Unconfined Channels, and the current channel, or any relic channel is within twenty-five (25) feet of the valley sidewall, the buffer zone will be extended fifty (50) feet upslope from the No Harvest Zone (Figures 3, 6).

ii) During development of the section 6 agreement, the parties will work to evaluate the appropriateness of the LWD instream target and the leave trees per acre target and make revisions as mutually agreed. Absent such agreement, within the buffer zone an average of 88 trees per acre of trees larger than 8 inches diameter breast height (DBH) will be retained, selected as follows;

a) Trees leaning toward the stream or flood plain will be favored for retention,

b) Trees retained will be lineally distributed along the length of the stream segment even though they may be concentrated closer to the stream,

c) Trees with the highest crown to height ratios (crowns from the tip to the ground) will be favored for retention to enhance stream shading,

d) Native species leave trees will be selected based on their suitability to survive and thrive in the RPZ.

e) All snags will be retained in the No Harvest Zone (where they do not interfere with logger safety), with no more than 9 snags to be included in the total tree count per acre. Snags must be over 10 feet tall to be included in the total tree count,

f) Trees less than 8 inches DBH and shrubs will be retained to the extent possible,

g) The diameter distribution of the live leave trees in the buffer zone will match a forest stand diameter distribution consistent with the age of the stand in its pre-harvest condition. The Parties envision that the section 6 agreement will include provisions that will encourage recruitment of large, older trees to the RPZ.

iii) Because Idaho forest ecology varies tremendously from north to south, it may not be possible to maintain 88 trees per acre of trees larger than 8 inches DBH on all forest lands. Thus, in the event an enrollee demonstrates that the site productivity within the riparian zone cannot support an average of 88 trees per acre of trees larger than 8 inches DBH, then IDL will work with the enrollee(s) to determine an appropriate site-specific tree retention policy that ensures protection of riparian habitat. In

no event will the tree retention be less than 60 trees per acre of trees larger than 8 inches DBH.

(c) Measures Applicable to Entire Riparian Zone

i) Operation of ground-based equipment shall not be allowed within the RPZ.

ii) The outer perimeter of the RPZ will be designated on the ground/trees prior to the commencement of logging activities.

iii. **RIPARIAN MEASURES FOR CLASS IIa STREAMS.** Class IIa streams are Class II streams that contribute surface stream flow directly into a Class I stream.

(a) There will be a fifty (50) foot buffer zone adjacent to the main stem of Class IIa streams. Within this zone a minimum of thirty-five (35) trees per acre larger than 8 inches DBH will be retained. This corresponds to an average thirty-five (35) foot spacing. Trees retained must be representative of the size of trees that existed in the stand prior to harvest.

(b) The buffer zone of perennial Class IIa streams that contribute, based on contributory acres, more than twenty (20) percent of the flow to a Class I stream will extend one-thousand (1000) feet above the confluence. Above this point, Class II SPZ requirements in the IFPA will apply.

(c) The buffer zone of perennial Class IIa streams that contribute, based on contributory acres, less that twenty (20) percent of a perennial Class I stream flow will extend five-hundred (500) feet above the confluence. Above this point, Class II SPZ requirements in the IFPA will apply.

(d) The riparian management of intermittent Class IIa streams will be covered by the IFPA Class II rules.

iv. Removal of LWD from Class I and Class IIa streams shall be prohibited unless necessary to maintain or improve riparian function, which may include reduction of the risk of forest fires, disease or insect infestation. A site-specific management plan approved by IDL will be required for the removal of any LWD prior to implementation.

v. As part of these Supplemental Measures, participating enrollees commit to mapping all stream segments on their ownerships as Class I and Class II within 15 years from the date of enrollment. Enrollees also agree to participate in any efforts by IDL, USFWS, NOAA Fisheries, and Idaho Department of Fish and Game to update mapping of stream segments on their ownerships.

vi. As part of these Supplemental Measures, the parties will cooperate in developing and undertaking a series of research projects designed to compare the effectiveness of these Supplemental Measures with alternative management strategies in enhancing native fish habitat and populations. These projects would include examples of active management within riparian areas.

c. **ROAD MANAGEMENT MEASURES.** The road management measures set forth herein will constitute the measures to be included in the Section 6 Agreement. Additional road measures may be included in the Section 6 Agreement only with the consent of all parties.

i. New Road Construction:

(a) An attempt will be made to find a suitable alternative location for new roads that are proposed for construction on side slopes greater than sixty (60) percent and/or in unstable or erodible soils. Unstable or erodible soils are those defined as "high" in the Idaho CWE Process for Idaho (Table B-1) or other agreed upon hazard-rating analysis process. Where an alternative location is not feasible, the road will be full benched without fill slope disposal.

(b) Where road grades slope toward stream crossings, the enrollee will install drivable drain dips and/or ditch relief pipes at the nearest practicable location to streams so that an adequate filtration zone exists to minimize sediment delivery to streams;

(c) Road fills over stream crossings will be grass seeded and straw-mulched concurrent with construction. Other road cuts and fills on newly constructed roads will be seeded within one operating season. The tread on native-surface roads will also be grass seeded within one operating season following construction unless the road will be used for hauling within two (2) years of construction;

(d) New road construction will be minimized in stream RPZs. If road construction occurs in an RPZ, slash filter windrows or suitable alternative measures will be installed at the toe of all fill slopes;

(e) Fills at culvert inlets on stream crossings where the culvert is 24-inch-diameter or larger will be well-armored with rock or other erosion control measures. A flared inlet structure may be used as an alternative;

(f) Stream crossing culvert installations will be designed to accommodate at least the fifty (50) year peak flow as determined by U.S. Geological Survey flood magnitude prediction procedures. As an alternative, the culvert size for a fifty (50) year flow may be calculated by an IDL hydrologist based on an analysis of channel dimensions;

(g) New roads will be minimized where the potential for erosion is high. If roads are built in an area where soils are identified in the CWE process surface erosion hazard ratings as high (Table B-2), the road tread over stream crossings will be rocked or otherwise stabilized to prevent sediment transport.

(h) Road cross-drainage will be provided as frequently as necessary to control road tread erosion. On active native-surfaced roads, road drainage features will be located such that road runoff distances generally do not exceed three-hundred (300) feet (and will not exceed four-hundred (400) feet) along the road centerline. On

erodible soil types, or on road grades steeper than eight (8) percent, this spacing will be reduced from the specifications listed above; alternatively a localized IDL approved method to adequately control road tread erosion will be applied.

(i) Road right of way clearings will be minimized where roads cross streams.

(j) Seeps or springs will be avoided during road design and construction, if possible. If roads cross seeps or springs, drainage features will be installed that pass accumulated surface water across the road prism and return it to the forest floor as close to the point of origin as reasonably practicable;

(k) New roads will be minimized in the RPZ. Roads located in RPZs will be constructed with appropriate fill depths and will include properly sized drainage features at all active channels;

(l) Stream crossing culvert installations must be designed to accommodate fish passage on Class I streams (an inspection program for culvert failures following significant hydrologic events will be negotiated as a part of the Section 6 agreement);

(m) The enrollee will inspect roads to determine their status and condition in comparison to these supplemental measures and results will be included in the periodic update of the road database.

(n) Road surface drainage will keep drainage within the source watershed.

ii. Road Reconstruction and Upgrading:

(a) A prioritization of road upgrades will be developed through CWE and/or an enrollee inventory of roads within five years of enrollment in this program. The prioritization schedule shall set forth a time frame for upgrading roads within fifteen years of the date of enrollment to the standards listed in the Supplemental Measures below. To the extent practicable, roads that have the potential to deliver sediment to Class I and Class II streams will receive priority for upgrading.

i) Within an operation area (Timber Sale) when the haul routes cross Class I streams, the Class I stream crossing culverts will be upgraded to meet the Supplemental Measures listed below no later than one year after completion of harvesting operations.

ii) For all roads, using the data from the CWE and/or enrollee inventory, enrollees will identify "hot spots." Hot spots will be addressed within five years from the date of identification. Hot spots will be upgraded to the standards in these Supplemental Measures when indicated by the CWE and/or enrollee inventory. An incentive program to encourage early response to hot spots will be included.

(b) Supplemental Measures for Reconstructing and Upgrading Existing Roads:

i) Road Tread Erosion–Within the RPZ of Class I streams, road cross-drainage will be provided as frequently as necessary to control road tread erosion. On active native-surfaced roads, road drainage features will be located such that road runoff distances generally do not exceed three hundred (300) feet (and will not exceed four-hundred (400) feet) along the road centerline. On highly erodible soil types, or on road grades steeper than eight (8) percent, this spacing will be reduced from the specifications listed above; alternatively, a localized method to adequately control road tread erosion from providing sediment to Class I streams will be applied. Procedures for alternative methods will be agreed upon.

ii) Culvert Replacement and Upgrading–Where existing stream crossing culverts do not pass the fifty (50) year flow, or where blockage of fish passage is documented, replacements will be designed and constructed to carry the fifty (50) year peak flow as determined by U.S. Geological Survey flood magnitude prediction procedures (as an alternative, the culvert size for a fifty (50) year flow may be calculated by a IDL hydrologist based on an analysis of channel dimensions and/or drainage size);

iii) Filtration–When the outlet of road drainage features are too close to streams for effective forest-floor filtration, supplemental sediment filtration will be provided (such as slash filter windrows, straw-bales, silt fences, etc.) and/or drainage feature spacing will be decreased to minimize sediment delivery;

iv) Relocation–For stream-adjacent/parallel roads or where there is a high density of stream crossings, simple/inexpensive re-location will be utilized in addition to (or in lieu of) road drainage improvements where possible.

iii. Other Road Management. Site-specific access restriction commitments currently in place in cooperation with the Idaho Department of Fish and Game and/or other cooperators will be continued (and updated as necessary for new road construction and road abandonment) to protect riparian habitats and listed species.

iv. Road Management Database

(a) The enrollee will commit to tracking the status of road conditions on enrolled lands. The methods for this will be either an updateable geographic information system (GIS), or a system of hand or computer aided drawing (CAD) maps, and tabular data suitable for periodic audits. It will show the road network spatially and facilitate estimation of road miles by road class. Additionally there is a

commitment to periodically (ten (10) year cycle) re-inspect roads that have been constructed or upgraded to the supplemental standards and to perform any maintenance necessary to preserve the upgraded function.

(b) The inspection process will be performed using several methods including but not limited to: Forestry personnel reviewing roads for use in management activities, personnel knowledgeable about such road inspection, and through the Cumulative Watershed Effects Analysis (CWE) field review activities.

(c) The checklist for inspection will include all the elements necessary to ensure roadbed integrity, sediment management, and drainage structure function in regard to protecting streams.

d. **VARIANCE COMMITMENTS.** All variances to these Supplemental Measures that affect fish habitat shall be reviewed by the IDL Forest Practices Coordinator or designee in consultation, as defined in the IFPA, with a fisheries biologist and approved and signed by the IDL Area Supervisor.

e. **IMPLEMENTATION MONITORING.**

i. IDL will monitor implementation and effectiveness of the IFPA and these additional conservation measures in protecting riparian function.

ii. Implementation Monitoring Plan. Each enrollee will be monitored separately within the program. Management Responses generated by the various methods listed below will be tailored to the landowner. Standards, criteria, and methods for implementation monitoring will be agreed upon.

(a) Three basic methods of implementation monitoring will occur to ensure the IFPA and these supplemental conservation measures are being applied on the ground. The first will be the routine on-site inspections carried out by IDL Forest Practice Advisors in the course of their work. These inspections are reviewed by staff and trends noted and reported on a yearly basis. The second is by periodic audits of management activities by an Interdisciplinary Team to review IFPA rule implementation and effectiveness. The third is by systematic implementation of CWE, which provides a framework to assess all the elements that may affect habitat and water quality, and provide a feedback loop for implementation of corrective measures and further assessment.

(b) For each of these methods, a report will be generated and sent to the landowner(s) with specific corrective action options presented and a timeframe in which the action is to be completed. An Interdisciplinary team will be available for consultation in reviewing the site if necessary and offering inputs on the corrective action.

i) Nonperformance issues documented in yearly reports may result in an increased rate of inspection and a revision of the enrollee's implementation plan.

ii) Nonperformance issues identified in periodic IFPA audits and CWE analyses will lead to adjusting inspection cycles and

frequencies and reviews of enrollee's implementation plan.

iii) It is the responsibility of the person seeking authorization for incidental take of listed fish to show that actions taken are in compliance with the Section 6 Agreement and the Idaho Forest Practices Act.

f. **ADAPTIVE MANAGEMENT:** The parties will implement an adaptive management plan comparable in kind to that in the NFHCP, which will include among other things the following:

i. Effectiveness Monitoring Plan: All of the supplemental measures in this program are expected to benefit listed fish, however, some of the commitments provide more certain benefits than others. At present, the scientific information regarding the cause-and-effect relationships between some forest management activities and aquatic resource concerns are not well understood. Thus, methods by which adaptive management strategies will investigate scientific questions on the following issues will be identified:

(a) Evaluation of the effects of riparian management on woody debris loads and fish habitat diversity.

(b) Evaluation of effectiveness of supplemental measures at minimizing stream temperature increases.

(c) Evaluation of the sediment inputs, including the effectiveness of road measures.

ii. Changed Circumstances.

(a) A "changed circumstance" is a change in the circumstances affecting a covered species that can be reasonably anticipated to occur during the term of the agreement. Changed circumstances include, among others:

i) Forest fires that are stand replacement fires 300 acres and larger or that affect more than 25 percent of the stream length within the watershed. "Stand replacement" is of sufficient intensity to kill 90 percent or more of the trees (i.e., a fire that would necessarily result in the need to establish a new stand);

ii) Flooding when the flood has a recurrence interval greater than 25 years based on stream gauging station data in the watershed, for 4th order watersheds and above; and

iii) Landslides larger than 500 cubic yards that deliver sediment to streams.

(b) Promptly after a changed circumstance is discovered, IDL will be notified and invited to help craft a site-specific management alternative.

iii. Evaluation and Response Plan: Adaptive Management triggers, similar in kind to the NFHCP will be established utilizing the data from effectiveness monitoring projects, the annual and periodic reports on implementation monitoring, and independent research as applicable to watersheds covered by these Supplemental Measures. The basic response mechanism for

instituting programmatic changes in these measures is as follows:

(a) A trigger can be tripped by findings from any level of reporting (yearly, periodic IFPA, or CWE) or scientific study conducted as part of this program.

(b) When a trigger is tripped, an assessment of the biological relevance of the findings between expectations and results will be performed and a determination made as to whether there is a causal linkage, or an unforeseen circumstance.

(c) Depending on the determination above, a management response will be crafted to address the issue and enrollee implementation plans will be modified accordingly.

g. **ADMINISTRATION AND IMPLEMENTATION OF SECTION 6 PROGRAM**

i. **IDL Administration:** IDL shall be responsible for administering and ensuring compliance with the Idaho Forestry Program.

ii. **Enrollment and Commitment:** A landowner may enroll in this program by submitting a written request to IDL. IDL shall develop an enrollment form for use by landowners. The enrollment form shall require, at a minimum, that the enrollee:

(a) Identify all lands for which enrollment is sought;

(b) Agree to abide by the supplemental measures set forth in this program;

(c) Set forth a detailed schedule for implementation of the commitments required by these supplemental measures on the enrollee's forest lands;

(d) Authorize IDL access to the enrollee's land for purposes of monitoring compliance with this program;

(e) Provide IDL with an explanation of the landowners system for record keeping; and

(f) Provide a plan for how the enrollees' personnel will implement the supplemental measures and report actions to the landowner for compliance with these supplemental measures. This plan will include:

i) What internal auditing procedures will be used to check compliance with the supplemental measures;

ii) How hot-spot reporting and repair will be handled;

iii) How the schedule for tracking road condition and stream class will be accomplished; and

iv) Procedures for reporting changed circumstances.

iii. **Noncompliance:** In the event that IDL determines that an enrollee is not in compliance with these supplemental measures, IDL shall work with the enrollee to cure any noncompliance or take action to revoke the enrollee's participation in the program.

iv. **Administration Methods:** The IDL, as the administrator of the supplemental measures program, will undertake the following actions to

implement this program and to ensure enrollee compliance:

(a) Field Manual: The IDL will create a field implementation manual for all enrollees to the plan within 3 months.

(b) Participant Training: IDL will create a standardized training workshop program, including field and office procedures, to be utilized by enrollees within 6 months of signing an enrollment agreement. This program will be utilized to certify that field personnel understand the supplemental measures and can apply them on the ground.

(c) Inspections: As part of the normal process of IFPA notification and inspection, the IDL will conduct field inspections of enrollee operations. All inspection items relevant to the Supplemental Measure will be reported separately, with copies sent to the operator and landowner as standardized in the Field Manual.

(d) Enrollee Annual Audits: IDL will require the enrollee to file an annual report. This report will include a summation of performance on all program activities, and progress on items such as hot-spot location and repair, stream classification and road system mapping, and road construction, upgrading, repairs and obliterations.

(e) IDL Annual Audit: IDL will prepare an annual report to NOAA Fisheries and the U.S. Fish and Wildlife Service (FWS, or collectively "Services") summarizing all program activities and detailing the performance of enrollees. This report will also include all applicable data from periodic IFPA audit results and CWE report summations on conditions and trends for enrolled lands that occurred during the preceding year. Also, any final or interim results from adaptive management activities will be reported.

(f) IDL Five Year Audit: Within 5 years of enrolling in the program the IDL will conduct an audit of all enrollee activities and prepare a report that documents a summary of those activities and compliance/non-compliance with the Supplemental Measure terms. This report will also state the total enrollee statistics as to acres of activity, miles of streams and roads surveyed and/or on which action has been taken. A comparison of the total acres enrolled and the trends of activity will also be included. These periodic audits will also include any accomplishments in adaptive management projects and any changes in procedures or standards brought about from adaptive management projects.

h. **Forest Landowner Program.** The parties will explore the development of a landowners incentive program as a part of the Section 6 agreement.

i. **General Provisions**

i. The measures set forth in this document are the product of good faith negotiations for the purpose of resolving legal disputes, and all parties agree that no offers and/or compromises made in the course thereof shall be construed as admissions against interest or be used in any legal

proceeding. Nothing in this document shall be read as an admission or determination by the parties that any of the actions anticipated by this document are necessarily required in order to comply with the Endangered Species Act. Nothing in this document shall be interpreted as suggesting that the FPA standards as they presently exist are insufficient to avoid take of listed species.

ii. By entering into this Agreement, neither the State of Idaho nor the private parties to this component concede that the present FPA standards are insufficient to avoid take of listed species.

3. **Habitat Improvement Program.** The State will develop a program to provide incentives for improving fish habitat. The habitat program will include the following types of measures:
   a. Correcting existing man-made passage barriers such as unscreened diversions, stream crossings, or instream structures;
   b. Consolidation of diversions to minimize the number of screens and bypasses;
   c. Development and construction of suitable alternatives to push-up dams;
   d. Projects that will restore large organic debris (LOD) in streams and riparian zones, repair or remove structures that degrade fish habitat, stabilize or abandon roads, and other habitat improvement projects identified through the Cumulative Watershed Effects process;
   e. Incentives to private landowners to undertake projects or implement other measures to enhance riparian habitat;
   f. Habitat improvement or protection projects, such as land acquisition, conservation easements and the development of best management practices designed to provide for water quality for resident and anadromous fish;
   g. Improving or protecting flow conditions to augment streamflows; and
   h. Planning and monitoring.
4. Purpose. These measures are expected to protect and restore listed fish and their habitat in the Salmon and Clearwater basins and downstream basins.
5. Funding. Funds from the Habitat Trust Fund, in part (and without judgment or conclusion as to whether the amount available from the fund is, by itself, sufficient to adequately implement the Initiative), will be used to implement the Salmon/Clearwater Habitat Management and Restoration Initiative.

C. **Habitat Trust Fund.**
1. As part of the settlement agreement, the parties will establish a trust fund to which the United States will contribute $38 million (in 2004 dollars) according to a schedule determined by Congress in legislation implementing this Agreement.
2. The purpose of the fund is to supplement monies otherwise available for habitat protection and restoration in the Salmon and Clearwater basins through projects, purchases, and investments such as those specified in section II.B.3 above.
3. The fund will be divided into two accounts: (1) one-third of the contribution of the United States to the fund will be placed into an account for which the Nez Perce Tribe will develop a process for administration ("tribal account"), and (2) the remainder will be placed into an account for the which primary purpose will be implementation of a

Section 6 Cooperative Agreement(s) anticipated by this Agreement (see section II.D below) ("Section 6 account"). The State will collaborate with the Nez Perce Tribe and the United States to determine how to direct use of the Section 6 account. If any part of the Section 6 account is available beyond that needed for implementation of any Section 6 Cooperative Agreement(s) anticipated by this Agreement, remaining funds may be used for other habitat purposes as directed by the State, the Nez Perce Tribe, and the United States. In administration of the Section 6 account, the State of Idaho will contribute a value of no less than 33% of the contribution of the United States (*i.e.*, Idaho and the United States will provide 25%/75% matching contributions). If any portion of the fund is used to implement a Section 6 Cooperative Agreement(s), the proportional federal contribution to that portion of the fund will be considered to be a federal contribution towards implementation of the Section 6 agreement.

D. **Section 6 Cooperative Agreement.**

1. The State of Idaho will submit the Salmon and Clearwater Habitat Management and Restoration Initiative or components thereof to the Services as a proposed cooperative agreement(s) under Section 6 of the Endangered Species Act, 16 U.S.C. § 1535(c). The Services will enter into a Cooperative Agreement(s) with the relevant state agencies under Section 6(c) of the Endangered Species Act for the purpose of assisting the State in implementation of components of the Initiative for a thirty-year period. This Section 6 Cooperative Agreement(s) will be limited to the matters set forth in this settlement agreement. The Section 6 Cooperative Agreement(s) between the Services and the State is intended to satisfy the requirements of section 7(a)(2) of the ESA, while at the same time providing sufficient incentives to private landowners to encourage their participation in the Initiative.
2. The Parties will commit sufficient resources to complete drafting of a Section 6 Cooperative Agreement for the State Forestry Program by March 31, 2005 in accordance with the provisions of this section. The Services are committed to collaborate with the State during development of the proposal to maximize the likelihood that the submission satisfies the requirements of Section 6 and Section 7 of the ESA.
3. Federal Procedures
    a. Endangered Species Act.
        i. The Services will consult on any Section 6 program submitted by the State under Section 7 of the Endangered Species Act, 16 U.S.C. § 1536(a)(2), regarding the federal approval and implementation of a Section 6 Cooperative Agreement(s). Incidental take authorization shall be extended to all state-authorized diversions and uses of water that are identified and analyzed from those streams identified by the State for inclusion in the Section 6 Cooperative Agreement upon issuance of a Biological Opinion on the Section 6 Cooperative Agreement(s).
        ii. Similarly, the owners of state and private lands in Idaho ("owners"), and those undertaking timber management activities on such lands ("operators") who enroll in the forest practices program shall be entitled to incidental take coverage upon issuance of the Biological Opinion on the Section 6 Cooperative Agreement for the State Forestry Program so long as

such owners or operators are employing timber management practices that meet or exceed mandatory best management practices (BMPs) set forth in the Idaho Forest Practices Act (IFPA), Idaho Code §§ 38-1301 et seq. and are implementing the program.

iii. A Biological Opinion(s) on any Section 6 Agreement(s) also will provide incidental take authorization for those who participate in the habitat program when they implement measures (including some of those found in section II.B.3) in accordance with the findings that derive from an analysis in the biological opinion(s) on a Section 6 Cooperative Agreement(s).

b. National Environmental Policy Act. The Services will prepare appropriate environmental documents and comply with the procedural requirements of the National Environmental Policy Act associated with the review and approval of a Cooperative Agreement(s).

c. In issuing biological opinions on a Section 6 Cooperative Agreement(s), the federal agencies shall allow the State and the parties to this Agreement to participate in the consultation and comment on the draft biological opinion.

d. Reinitiation of consultation on the NOAA Fisheries or the FWS FCRPS or the other component biological opinions shall not automatically trigger reinitiation of consultation on any Section 6 Cooperative Agreement(s) biological opinion.

e. Consultation on a Section 6 Cooperative Agreement(s) biological opinion may be reinitiated only under the following circumstances:

i. The State or the participants fail to comply with the terms and conditions of this agreement;

ii. To reduce the obligations of the parties in the event the measures in the agreement are determined to no longer be necessary; or

iii. Pursuant to 50 C.F.R. § 402.16.

f. Nothing in this section is intended to limit the use of habitat conservation plans, landowner incentives, or other habitat protection and restoration programs under the Endangered Species Act, the Fish and Wildlife Coordination Act, the Fish and Wildlife Act, or other federal or State laws.

g. The federal agencies may only seek additional Endangered Species Act measures in the Salmon and Clearwater Basins for the covered activities and covered species if:

i. The federal agencies have implemented relevant RPA actions set forth in all other biological opinions intended to benefit Snake River Basin listed species; and

ii. All other discretionary measures, including but not limited to, reinitiation of consultation on other relevant BiOps and the component biological opinions, that provide the reasonable potential for achieving necessary reductions in the mortality of the Snake River listed species have been implemented, to the maximum extent practicable.

E. **Termination.** If the United States reinitiates consultation on or revokes incidental take authorization, the State may terminate the Cooperative Agreement.

III. **Snake River Flow Component.**

A. General Principle: Biological Opinions will be issued for the term of this agreement which will provide incidental take coverage, if necessary, for all federal actions and related private actions including: (1) all BOR actions in the upper Snake River basin, (2) all private depletionary effects in the Snake River basin above the Hells Canyon Complex[2/] to the extent they affect listed anadromous fish, and (3) all private depletionary effects above the Hells Canyon Complex to the extent that they are related to the federal action and affect listed resident species. These Biological Opinions shall be separate from any Federal Columbia River Power System (FCRPS) Biological Opinion. Separate biological opinions will be prepared for other components as necessary. Additionally, the parties will use their best efforts to seek enactment of state and federal legislation consistent with the terms of the general conditions to provide the necessary ESA and CWA protection for this component of the agreement and to provide statutory authority necessary to implement the agreement. The flows provided in this agreement set forth the flow contribution from the upper Snake above the Hells Canyon Complex for the benefit of listed species covered by this agreement as they travel throughout the Columbia River system, including through the FCRPS. The biological opinion on this component to be prepared by NOAA Fisheries will directly address and evaluate the expected effects of BOR's proposed operations in the Upper Snake, including any beneficial effects on anadromous fish from the flow augmentation program established in this component.

B. Tier 1–Minimum Flow. The minimum instream flows established by the Swan Falls Agreement shall be decreed in the SRBA to the Idaho Water Resource Board (IWRB). If the Idaho Department of Water Resources fails to regulate these minimum instream flows in accordance with the Swan Falls Agreement, then any party to this agreement shall be entitled to seek injunctive relief through the state district court responsible for the SRBA.

C. Tier 2–Flow Augmentation. The parties will establish a term-of-the-agreement flow augmentation program containing the following elements:

1. All flow augmentation from waters of the State of Idaho pursuant to Idaho Code § 42-1763B shall be done in compliance with Idaho state law and regulations, existing water bank rules and existing local rental pool procedures of the appropriate local committee, including but not limited to last to fill rule and the procedures for priorities among renters and lessors, unless changes are agreed to by the spaceholders within the water district(s) in which the reservoirs are located, the State of Idaho, and BOR. Unless otherwise agreed by the parties to give effect to sections III.D and III.E, all parties agree that they will refrain from exercising the procedures for priorities among renters and lessors the specific uncontracted storage space now held by BOR assigned for flow augmentation and powerhead available for flow augmentation as shown on Appendix III as long as this agreement has not been terminated or has not expired. Except as otherwise provided, nothing in this component shall be construed or interpreted as affecting or in any way interfering with the laws of the State of Idaho relating to the control, appropriation, use, or distribution of water or any vested rights created thereunder, or as conferring new authority to, or modifying existing authority of the

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[2/] "Above the Hells Canyon Complex," when used in this term sheet, means the Snake River basin above the Complex, including any tributaries which drain into the Complex.

federal government.

2. The flow augmentation program above the Hells Canyon Complex is designed to assist fish survival downstream of Hells Canyon Dam. The parties understand that the flow augmentation program provides maximum amounts of flow augmentation delivered from the upper Snake and that no guarantee can be provided, beyond the terms of this agreement, that any particular amount of water will be provided in any particular water year.
3. Sources shall include, but are not limited to contracted and uncontracted storage, powerhead, Oregon natural flow water, Sho-Ban water bank water, rentals pursuant to the IWRB Water Bank, and natural flow acquisitions herein provided.
4. Idaho Code § 42-1763B will be reenacted to authorize the rental of up to 427,000 acre-feet (AF) of water annually for flow augmentation for the term of the agreement. Reauthorization shall also provide for the rental of water from storage or natural flow sources from the Snake River and its tributaries at or above Lewiston.
5. If necessary to implement the flow augmentation program of this section III, the BOR will negotiate a lease with Idaho Power pursuant to Idaho Code § 42-108A to rent uncontracted and powerhead space in the Boise Project, Arrowrock Division, for power production. In the event powerhead water is released pursuant to this section, it shall be the last of the last space to refill.
6. The United States may also acquire on a permanent basis or rent up to 60,000 acre-feet of consumptive natural flow water rights diverted and consumed below Milner and above Swan Falls from the mainstem of the Snake River. The United States may rent said rights for flow augmentation through the IWRB Water Bank pursuant to the Board's water bank rules and I.C. Sec. 42-1763B as amended (to include up to 60,000 acre-feet of consumptive natural flow acquisition and to allow its use pursuant to this section). The 60,000 acre-feet may be rented through the water bank as long as the total rentals in III.C.4, III.C.5 and this III.C.6 do not exceed 487,000 acre-feet.
7. Powerhead water in BOR storage facilities may be used only to increase the reliability of 427,000 acre-feet for flow augmentation and is subject to the following limitations:
   a. After utilization by the United States of all water described in sections III.C.4 through 6, above, if the total amount of water released for flow augmentation is less than the 427,000 acre-feet, the Palisades Reservoir powerhead water may be utilized by the United States to attain 427,000 acre-feet for flow augmentation;
   b. Use of powerhead shall not at any time interfere with the currently established minimum conservation pools or hereinafter established minimum conservation pools;
   c. Powerhead space used for flow augmentation shall be the last space to refill after all other space in reservoirs in that water district, including other space used to provide flow augmentation, in the basin has filled;
   d. Use of water from powerhead space shall be in compliance with state law;
   e. Use of powerhead space shall not interfere at any time with the operating levels required for diversions of water by spaceholders in the reservoir pool, with the ability of spaceholders to refill and use active storage of the reservoir, or with the diversion of natural flow.
8. Rental charges for stored water.

a. A uniform rate will apply to all stored water released for flow augmentation:
   i. $14 per acre-foot through 2012,
   ii. $17 per acre-foot from 2013-2017,
   iii. $20 per acre-foot from 2018-2022,
   iv. $23 per acre-foot from 2023-2030.
b. The above rates are comprehensive. They include administrative fees and all other charges.
c. The administrative fee on BOR storage will equal the administrative fee applicable to other rentals within the basin in question.

9. All water released from BOR projects in the irrigation season after April 10 shall be treated as releases for flow augmentation except for releases (1) for delivery to or use by spaceholders, contract holders, or rentals from the water bank for purposes other than flow augmentation; (2) pursuant to established water rights; (3) in accordance with existing project operation criteria or other subsequent project operation criteria agreed to by the spaceholders and contract holders within the water district in which the reservoirs are located, the State of Idaho, and BOR; or (4) pursuant to duly adopted flood control rule curves.
10. Regulation of the delivery of rental water shall be the responsibility of the IDWR and appointed state watermasters. The timing of the release of water shall be determined by a process involving the State, the spaceholders, contract holders, and the United States.

D. Water District 01 Rental Pool. The State of Idaho, BOR, and the spaceholder contractors in Water District 01 agree, to consider changes to rental pool procedures in Water District 01 as part of the flow augmentation program outlined in section III.C above. The State and the spaceholder contractors acknowledge that BOR, in negotiating a final agreement, will require that any rental pool provide BOR with an acceptable opportunity, as determined by it, to rent water for flow augmentation.

E. The United States shall make its Upper Snake basin uncontracted space available to irrigation delivery entities, if the United States or irrigation delivery entities obtain the rights to an equivalent amount of replacement water from subbasins within the Upper Snake to be used for flow augmentation. Details regarding the exchanges anticipated in this section will be defined in the final settlement agreement.

F. Reclamation will make available for irrigation, subject to the triggers and conditions in this section III.F, 30,000 acre-feet of water from the Boise Project, Payette Division. This water will be from sources exclusive of the 95,000 acre-feet of storage currently used for flow augmentation.

1. Triggers. Water under this section will be made available only under the following water year conditions, based on the April 1 forecast used by Reclamation of April through July runoff for the Payette River at Horseshoe Bend and the Boise River at Lucky Peak. For the Payette basin, this provision will be triggered when the April 1 forecast at Horseshoe Bend is less than 700,000 acre-feet. For the Boise basin, this provision will be triggered when the April 1 forecast at Lucky Peak is less than 570,000 acre-feet.
2. Conditions of use.
   a. The maximum volume of water to be provided by Reclamation under this provision in any given water year will be 30,000 acre-feet.

b. Water may be used directly by Payette River water users and through exchange by Boise River water users within irrigation entities signatory to this agreement. The Boise exchange will be effected by Reclamation making water available to Boise River water users from the Boise Project in lieu of releasing that water for flow augmentation. An equivalent amount of water from the Payette storage identified above would then be released for flow augmentation.

c. When the Payette trigger is met, Reclamation will consign 30,000 acre-feet of Payette Division water to the Water District 65 Rental Pool, for one-year rental by irrigation water users in the Payette basin. The price for Payette rentals will be 50% of the price applicable to flow augmentation rentals or the price applicable to irrigation rentals in the basin, whichever is greater.

d. When the Boise trigger is met, Reclamation will consign 30,000 acre-feet of Arrowrock Division water to the Water District 63 Rental Pool, for one-year rental by irrigation water users in the Boise basin. Reclamation will then deliver a like amount of water from the Payette Division for flow augmentation, over and above the volume otherwise available from Reclamation-held storage. The price for Boise basin rentals will be the price applicable to flow augmentation rentals or the price applicable to irrigation rentals in the basin, whichever is greater.

e. When both triggers are met, Reclamation will consign a total of 30,000 acre-feet to be divided between Water Districts 63 and 65. Water Districts 63 and 65 will meet within 30 days of the publication of the April 1 forecasts at Lucky Peak and Horseshoe Bend, and determine how much water will be made available in each basin, with the understanding that irrigation entities in Water District 65 have the first right to rent the water consigned, up to the full amount consigned. As divided, the water rentals will be subject to the exchange conditions and prices applicable to that basin, as defined in sections c and d above. The water users will negotiate a process for implementation of this provision.

f. Once water is consigned to a rental pool, water users will have until July 15 to rent the water. Water not rented by July 15 will return to Reclamation.

G. The United States will mitigate local impacts identified by the State of Idaho that may result from the rental of water for flow augmentation. The scope and amount of mitigation will be negotiated. Mitigation shall be based on the following understandings:

1. Powerhead: In setting rates for power and energy provided by BOR for project purposes entitled to the use of reserved power, BOR will insure that reserved power rates are neither increased nor decreased as a result of the leasing and release of water from powerhead space under the terms and conditions set forth in this agreement.
2. 60,000 acre-feet: The federal legislation drafted to authorize the agreement will include a provision to authorize and seek appropriations for a one-time payment of $2 million to the local governments in which the water rights accruing up to 60,000 acre-feet are currently used to mitigate for the change in use of the acquired water.

H. The minimum evacuation reservoir levels for flood control shall not be altered for reasons other than flood control purposes.

I. The Milner Agreement shall be renewed for the term of this agreement. The parties agree, however, to modify the flow limitation contained in the agreement to the extent practical to facilitate the water rental program, while still protecting the interests of the parties.

J. To the maximum extent practicable, the United States shall be responsible for managing water acquired or rented pursuant to this agreement to meet needs of all species covered by this agreement. To the maximum extent practicable, all water acquired or rented by the United States under this agreement shall be delivered and managed: (1) in a manner that will not result in the violation of any permit, applicable water quality rule and regulation or other requirements of the Clean Water Act; (2) in a manner that will not cause jeopardy to other species in the State of Idaho; and (3) in a manner that will not result in significant adverse impacts to recreational uses of the waters of the Snake River and its tributaries within the State of Idaho. During the development of the Biological Assessment by BOR, the parties, to ensure that all water acquired or rented by the United States under this agreement does not result in the type of impacts listed above, will address the concerns that can be identified and analyzed and will develop a mutually acceptable process to address the type of impacts listed above that arise after implementation of the agreement. The State agrees that it will not require any restriction, modification, or condition on the diversion, storage, use, discharge of water, or land use to remedy or address violations of water quality standards or other Clean Water Act requirements to the extent the use of water acquired or rented by the United States pursuant to this agreement causes the violations.

K. The term of this component of the agreement shall be for a period of thirty (30) years with opportunity for renewal upon mutual agreement.

L. The proposed federal action for consultation will describe the agreement, including the minimum instream flows, the water rental program, and BOR operations as of the date of the agreement and during the term of the agreement, subject to the general principle contained in the agreement. In the event that the BOR fails to describe the proposed federal action consistent with this component, or it fails to issue a Biological Assessment based upon the proposed federal action which concludes that the action is not likely to jeopardize the continued existence of any listed species addressed by this consultation nor will it result in destruction or adverse modification of the critical habitat of the species, this component of this agreement shall be terminated upon written notice by the State or private parties to this component of the agreement.

M. Consistent with the Snake River Flow Component general principle (section III.A), the Services will evaluate this component as a proposed federal action under section 7 of the Endangered Species Act. 16 U.S.C. § 1536. In the event that the Services fail to issue no jeopardy biological opinions and provide incidental take coverages as described in section III.A, or if the Services require terms or conditions inconsistent with or not contained in this Upper Snake component of the agreement, this component of the agreement shall be terminated upon written notice by the State or private parties to this agreement.

N. Reinitiation of Consultation

1. If the United States is unable to rent flow augmentation water under the terms of this agreement because of a change to state law, regulations or water bank rules, or because of an arbitrary or capricious decision by the Director of IDWR or IDEQ, the United States may reinitiate consultation on this component of the agreement. If the United States reinitiates consultation, this component of the agreement may be terminated, including any necessary statutory components, at the option of the State of Idaho or the private parties to this component of the agreement.
2. Reinitiation of consultation on any NOAA Fisheries or FWS FCRPS biological

opinions (hereinafter "FCRPS BiOps"), or on the biological opinions on other components of this agreement shall not automatically trigger reinitiation of consultation on the Upper Snake BOR biological opinion. Rather, consultation on the Upper Snake BOR biological opinion may be reinitiated only a) if the State or the water users fail to comply with the terms and conditions of this agreement or the United States is unable to rent flow augmentation water under the terms of the agreement because of a change to state law, regulations, or water bank rules; b) to reduce the obligations of the parties in the event the measures in the agreement are determined to no longer be necessary for any reason, including, but not limited to, the delisting of the species; or c) pursuant to 50 C.F.R. § 402.16.

3. The federal agencies which are parties to this agreement may only seek additional Endangered Species Act flow measures from the Snake River basin above the Hells Canyon Complex for the benefit of anadromous fish if: a) a jeopardy biological opinion is issued on the Upper Snake River BOR projects after utilization of all of the measures in this agreement; b) the relevant actions set forth in all other biological opinions intended to benefit Snake River basin listed species have been implemented; c) substantially all water made available under the terms and conditions of this agreement has been rented; and d) all other discretionary measures, including reinitiation of consultation on other relevant BiOps, that provide the reasonable potential for achieving necessary reductions in the mortality of the Snake River listed species have been or are being implemented, to the maximum extent practicable. In issuing any future biological opinions on Upper Snake River BOR projects, the federal agencies shall provide all parties to this agreement an opportunity to comment on the draft biological opinion. The provisions concerning reinitiation of consultation for the Upper Snake BOR projects shall remain effective so long as this component is effective.
4. Nothing in this agreement shall be used or construed to determine or interpret in any manner what obligations, if any, the federal agencies charged with operating the FCRPS may have under the 2000 FCRPS BiOps, or other biological opinions addressing FCRPS operations or the Endangered Species Act or its implementing regulations as applied to the FCRPS, provided that no additional flows shall be required from the upper Snake above the Hells Canyon Complex except as provided for in this agreement.

O. Subject to section IV.G of this agreement, if any party fails to implement any provision of this component, this component may be terminated at the option of any other party to this component of the agreement. By entering into this agreement, neither the State of Idaho nor the private parties to this component concede that the flows identified under section III.C benefit the listed species; that BOR operations require ESA consultations; that BOR operations are subject to modification to meet ESA requirements or concerns; or that the diversion, storage, or use of water in the State of Idaho is subject to modification to meet ESA requirements or concerns.

IV. **General conditions applicable to the entire agreement and to all parties.** Unless otherwise specified, each of the following general conditions applies jointly and severally to each component of this agreement.

A. Implementation and enforcement – There will be enactment of necessary laws by federal,

state, and tribal governments to effectuate and implement the settlement agreement including legislation consistent with provisions of the agreement to provide the necessary ESA and CWA protection for the State and the private parties to this agreement.

B. Mitigation of impacts caused by the management of water by the Federal agencies pursuant to this agreement on local and private interests (sideboards to be negotiated).

C. ESA and CWA Assurances – (1) The water provided under this settlement shall fully satisfy any ESA requirements for the diversion and use of water, as specifically provided in each of the components of this agreement. Compliance with this agreement satisfies all CWA obligations for flows for the benefit of such species for the term of this agreement. No party shall use, during the term of this agreement, the CWA or any other theory to seek additional flows for the benefit of such species based on reduced water quality resulting directly from flow modifications or reductions in the quantity of water available in the Snake River Basin above the Hells Canyon Complex and in the Salmon and Clearwater basins in Idaho.[3/] (2) The Services shall evaluate each component of this agreement as separate proposed federal actions under the Endangered Species Act, 16 U.S.C. § 1536. Term-of-the-agreement (thirty (30) years) Biological Opinions will be issued on each component of this agreement. The specific provisions relating to these Biological Opinions are contained in the respective sections of this agreement. These Biological Opinions shall be separate from the FCRPS Biological Opinion. In the event that the Services fail to issue no jeopardy biological opinions or if the Services require terms or conditions inconsistent with or not contained in the component of the agreement which corresponds to the biological opinion, that component of the agreement shall be void upon written notice by the State or private parties to this agreement. If the State or private parties do not concur with the biological assessment prepared for the consultation on a particular component, that component of the agreement shall be terminated upon written notice by the State or private parties.

D. Waivers and releases.

1. Except as otherwise provided in the Settlement Agreement, the United States, on behalf of the Nez Perce Tribe, and the Nez Perce Tribe waive and release (1) all claims for water rights within the Snake River Basin in Idaho; (2) injuries to such water rights; and (3) injuries to the Tribe's treaty rights to the extent that such injuries result or resulted from flow modifications or reductions in the quantity of water available in the Snake River Basin in Idaho that accrued at any time up to and including the effective date of the Settlement Agreement, and any continuation thereafter of any such claims, against the State of Idaho, any agency or political subdivision thereof, or any person, entity, corporation, municipal corporation, or quasi-municipal corporation. The Tribe agrees that it will not assert any claim, under any treaty theory, based on reduced water quality resulting directly from flow modifications or reductions in the quantity of water available in the Snake River Basin in Idaho, against any party to the agreement. No water rights claims the Tribe has asserted or may in the future assert outside of the Snake River Basin in Idaho shall require water to be supplied from the Snake River

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[3/] Nothing in this agreement is intended to affect in any way the development, approval, modification, implementation, or enforcement of Clean Water Act Total Maximum Daily Load (TMDL) requirements for Brownlee Reservoir.

Basin in Idaho to satisfy such claims. Allottee language will be developed by the parties for inclusion in the decree to reflect the concept that the allottees' water comes from the overall tribal right.

2. "Water rights" means rights under state and federal law to divert, pump, impound, use or reuse, including for instream use, or permit others to divert, pump, impound, use or reuse, including for instream use, water. This includes all water right claims filed by or on behalf of the Nez Perce Tribe in the Snake River Basin Adjudication. "Injuries to water rights" means the loss, deprivation, or diminution of water rights.
3. The Nez Perce Tribe hereby waives and releases the United States from: (1) all claims for water rights within the Snake River Basin in Idaho, injuries to such water rights, or breach of trust claims for failure to protect, acquire, or develop such water rights that accrued at any time up to and including the effective date of the Settlement Agreement; (2) all claims for injuries to the Tribe's treaty fishing rights to the extent that such injuries result or resulted from reductions in the quantity of water available in the Snake River Basin in Idaho; (3) all breach of trust claims for failure to protect Nez Perce "springs or fountains" treaty rights reserved in Article 8 of the 1863 Treaty with the Nez Perce; and (4) all breach of trust claims arising out of or resulting from the adoption of this Settlement Agreement. Provided, however, that waivers described in this section shall not be effective until all Federal funds described in the term sheet are appropriated and paid to the Nez Perce Tribe.
4. Nothing in this agreement shall waive the Tribe's right to pursue claims against the United States relating to non-water-related injuries resulting from the construction of the Dworshak Project. Nothing in this agreement shall be interpreted to prevent the Nez Perce Tribe or the United States as trustee for the Tribe from purchasing or otherwise acquiring water rights in the future to the same extent as any other entity in accordance with Idaho state law. Nothing in this agreement shall be interpreted to impair the treaty fishing, hunting, pasturing, or gathering rights of the Nez Perce Tribe except to the extent expressly provided in this agreement. The Nez Perce Tribe shall retain all rights not specifically satisfied, waived, or released in this agreement.
5. The waiver and releases by the federal government and the Nez Perce Tribe shall take effect and be permanent once the agreement is effective and enforceable pursuant to section IV.L. Waivers, once effective, will survive any subsequent termination of any component(s) of the agreement.

E. This agreement, the decree, and the order approving this agreement may not be modified in any manner except as herein provided or with the joint written consent of the duly authorized representatives of the parties and the consent of the court approving this agreement, which court shall have the sole jurisdiction to modify its decree. The parties further recognize that the law dealing with federal reserved Indian water rights is a subject of ongoing litigation and agree that subsequent changes, developments, or interpretations in such law shall not change the enforceability of this agreement as written in the decree relating to such rights. Nothing in this agreement shall otherwise be construed or interpreted to restrict, enlarge, or otherwise determine the subject matter jurisdiction of any state, tribal or federal court.

F. If any party believes that another party has failed to perform or implement a provision of this agreement, the party will inform the other party, and the parties will meet to seek to resolve the dispute. If the dispute cannot be resolved, one or more parties may request that the SRBA

court (or any successor court) appoint a mediator, provided that the mediation will not be binding and will not be prejudicial to any jurisdictional issues raised by the dispute.

G. A breach of one component of this agreement shall not constitute a breach of any other component of the agreement.

H. Nothing in this agreement shall be so construed or interpreted: (1) to establish any standard to be used for the quantification of federal reserved water rights or any other Indian water claims of any other Indian Tribes in any judicial or administrative proceeding or (2) to limit in any way the rights of the parties or any person to litigate any issue or question not resolved by this agreement. This agreement has been reached in the process of good faith negotiations for the purpose of resolving legal disputes, including pending litigation, and all parties agree that no offers and/or compromises made in the course thereof shall be construed as admissions against interest or be used in any legal proceeding and nothing in this agreement shall be read as an admission or determination by the parties that any of the actions anticipated by this agreement are necessarily required under the Endangered Species Act.

I. Implementation of this Agreement by the federal or state agencies is subject to the requirements of the Anti-Deficiency Act, 31 U.S.C. §§ 1341-1519, similar requirements of state law, and the availability of appropriated funds. Nothing in this Agreement is intended or shall be construed to require the obligation, appropriation, or expenditure of any money from the U.S. Treasury or the State General Fund. The Parties acknowledge that the federal or state agencies shall not be required under this Agreement to expend any appropriated funds unless and until an authorized official of the relevant agency affirmatively acts to commit to such expenditures in writing.

J. No member of or delegate to Congress shall be entitled to any share or part of this Agreement or to any benefit that may arise from it.

K. The parties will jointly move the Idaho Supreme Court to remand the pending appeal in Case Nos. 26042 and 26128 for entry of an order consistent with the final settlement agreement.

L. The agreement shall be effective when all of the following have occurred prior to March 31, 2005 (this list is not intended to determine the proper sequencing of these actions):

1. Execution of the necessary component documents which will make up the agreement;
2. Congressional approval of agreement and authorization of all federal expenditures required under agreement;
3. State legislature approval of agreement and enactment of all required state legislation;
4. Nez Perce Tribe approval of agreement;
5. SRBA Court entry of judgment and decree incorporating agreement;
6. Issuance of the Biological Opinions anticipated by the upper Snake component of this agreement.

Appendix I

This appendix to Section II of the term sheet describes an implementation plan to assign instream flows and reserve opportunities for future use in the Tribal Priority Streams in the Salmon and Clearwater Basins by March 31, 2005. All instream flow water rights established pursuant to the Agreement and this Appendix I will be junior to all existing water rights and subordinate to all future domestic, commercial, municipal, and industrial (DCMI) water rights.

The Tribal Priority Streams are listed in the attached Lists "A" and "B." Some of the streams on these lists are included in the Wild and Scenic Settlement Agreement between the State of Idaho and the U.S. Forest Service. Because this implementation plan is intended to be consistent with the Wild and Scenic federal reserved water rights, where Wild and Scenic stream reaches are involved, the plan adopts the future development subordinations in the Wild and Scenic reserved water right decrees.

The Tribal Priority Streams have been divided into "A" and "B" List groups based on the level of existing use. The "B" List streams include those streams where instream flows and other non-flow-related actions will be developed by the parties, in conjunction with local stakeholders and communities. The "A" List Tribal Priority Streams will have instream flows and future non-DCMI use levels assigned based on land classification except in those cases specifically set forth below where the parties have agreed to address certain special resource value areas, or areas of special concern relative to local uses. Land classification will be established based upon the predominant land ownership and where appropriate, federal land classification, existing in particular stream's basins.

For the "A" List Tribal Priority Streams, instream flows would be determined based on categories assigned using ownership of the lands within the basin. The ownership classification in a given basin would be recognized as falling into one of four categories: 1) State and private, 2) federal non-wilderness, 3) wilderness/Wild and Scenic, and 4) special areas as set forth below.

For each of these four categories, instream flows will be set by month based on estimated hydrology of unimpaired flows, and a reservation for future non-DCMI use equal to a percentage of the minimum monthly median flow value from the estimated hydrology.[4] To prevent dewatering streams by future non-DCMI use, future non-DCMI use would be curtailed at a floor equivalent to the unimpaired monthly 80% exceedence flow. Consequently, the flow values for the four categories will be as follows:

1. For State and private basins, instream flows would be decreed for each month of the year at the 50% exceedence level of the estimated unimpaired flow, subordinated to a future non-DCMI use in the amount of 25% of the lowest median monthly unimpaired flow value.

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[4] The algorithms proposed here for establishing instream flows, future allocations, and the floor flow are based on exceedence values. The individual instream flows will be decreed as quantities in cubic feet per second (cfs) as will the future allocation for non-DCMI uses and floor flows. The administrative provisions for these instream flows will, however, recognize they are being established based upon estimated flow. The provisions of the final decrees will provide a mechanism for changes to these decreed amounts based upon actual flows if such data become available.

2. For federal, non-wilderness basins, instream flows would be decreed for each month of the year at the 40% exceedence level of the estimated unimpaired flow, subordinated to a future non-DCMI use in the amount of 10% of the lowest median monthly unimpaired flow value.

3. For federal wilderness and Wild and Scenic basins, instream flows would be decreed for each month of the year at the 30% exceedence level of the estimated unimpaired flow, subordinated to a future non-DCMI use in the amount of 5% of the lowest median monthly unimpaired flow value.

4. The Special Areas include watersheds that hold special values including high value habitat for fish resources, other special values, and areas where future development opportunities would be preserved. The instream flows and reservations for future non-DCMI use for the special areas differ from the land-based formula described above.

Special Areas include:

Lower Salmon River below Long Tom Bar to the mouth: Instream flows for the lower Salmon River downstream of the Wild and Scenic Reach would be consistent with the application filed for the lower Salmon River below Hammer Creek. The State application for the instream flow in the Lower Salmon addresses the reach from the mouth to Hammer Creek. The instream flows reach in the current application will be extended to include the reach of the Salmon below the Little Salmon. The instream flows in the reach between the Little Salmon and the Wild and Scenic River will be based on the downstream reach and adjusted for the inflow from the Little Salmon River. The State instream flow will be made consistent with the Wild and Scenic instream flow for the main Salmon River.

South Fork Salmon River and tributaries contained within the Tribal Priority Stream List: Instream flows would be decreed for each month of the year at the 40% exceedence level of the estimated unimpaired hydrology, subordinated to a future non-DCMI use in the amount of 5% of the lowest median monthly unimpaired flow value.

Upper Salmon: The upper Salmon basin includes a number of tributaries that meet the criteria of "B" List streams. Instream flows established for the tributaries or the mainstem Salmon will be in accord with Wild and Scenic River instream flows and future allocations, subject to the Order Approving Stipulation and Dismissing Objections in Consolidated Subcase Nos: 63-25239, 75-13316, and 75-13606, issued by Judge Daniel C. Hurlbutt, Jr., Presiding Judge, Snake River Basin Adjudication, on June 16, 1998.

Lolo Creek: Instream flows will be decreed for each month of the year at the 40% exceedence level of the estimated unimpaired hydrology, subordinated to a future non-DCMI use in the amount of 10% of the lowest median monthly unimpaired flow value.

Bedrock Creek: Instream flows will be decreed for each month of the year at the 40% exceedence level of the estimated unimpaired hydrology, subordinated to a future non-DCMI use in the amount of 10% of the lowest median monthly unimpaired flow value.

Upper North Fork Clearwater River, Breakfast Creek: Instream flows would be decreed for each month of the year at the 40% exceedence level of the estimated unimpaired hydrology, subordinated to a future

non-DCMI use in the amount of 10% of the lowest median monthly unimpaired flow value.

Future Uses for "A" List streams.
The future use allocations will provide water for non-DCMI uses. The parties will study the overlap of existing uses and future use to determine if additional criteria will assist the parties in allocating future use. The goal is to avoid reducing streamflows to a level where the unimpaired 80% exceedence value is the flow that the normally occurs in the stream due to the combination of existing and future use.

List A, Non-Developed Streams

Stream Name	Tributary to	BIA Basin Number(s)	Quantification Location(s)
Captain John Creek	Snake River	1107	1107
Clearwater River	Snake River	143, 150, 152, 155, 156, 160, 165, 167, 168, 181, 182, 196, 223, 229, 248, 260, 276, 277	182, 165
Pine Creek	Clearwater River	129	129
Bedrock Creek	Clearwater River	131	131
North Fork Clearwater	Clearwater River	42, 51, 59, 71, 73, 83, 96, 113, 118, 130, 146, 39, 31, 30, 10, 34, 35, 37, 56, 61, 66, 91, 99, 95, 70	34, 39, 146
Elk Creek	North Fork Clearwater River	75, 27	75
Skull Creek	North Fork Clearwater River	41, 22	41
Collins Creek	Skull Creek	14	14
Breakfast Creek	North Fork Clearwater River	25, 28	25
Fourth of July Creek	North Fork Clearwater River	102	102
Lake Creek	North Fork Clearwater River	40, 46	40
Little N.F. Clearwater	North Fork Clearwater River	2, 12, 17, 24	24
Canyon Creek	Little N.F. Clearwater River	4, 6	4
Foehl Creek	Little N.F. Clearwater River	9	9
Isabella Creek	North Fork Clearwater River	23	23
Weitas Creek	North Fork Clearwater River	125, 128, 140, 141, 157, 163	125, 157
Kelly Creek	North Fork Clearwater River	60, 78, 81, 87, 89	81
Cayuse Creek	Kelly Creek	94, 101, 109, 119	94
Toboggan Creek	Cayuse Creek	105	105
Vanderbilt Gulch Creek	North Fork Clearwater River	20	20
Orofino Creek	Clearwater River	144, 149, 158, 172	172
Lolo Creek	Clearwater River	186, 210, 247, 256	210
Yakus Creek	Lolo Creek	267	267
Eldorado Creek	Lolo Creek	216	216
Musselshell Creek	Lolo Creek	190	190
Yoosa Creek[1]	Lolo Creek	186	9186
Sixmile Creek	Clearwater River	244, 253	253
Effie Creek	Sixmile Creek	254	254
Fivemile Creek	Clearwater River	231	231
Unnamed Stream	Clearwater River	243	243
South Fork Clearwater	Clearwater River	306, 326, 327, 340, 357,	306, 411

Stream Name	Tributary to	BIA Basin Number(s)	Quantification Location(s)
		363, 399, 403, 405, 409, 410, 411, 413, 416, 423	
Threemile Creek	South Fork Clearwater River	338	338
Mill Creek	South Fork Clearwater River	417	417
Meadow Creek	South Fork Clearwater River	373	373
Johns Creek	South Fork Clearwater River	419, 440	419
Cougar Creek	South Fork Clearwater River	396	396
Peasley Creek	South Fork Clearwater River	385	385
Silver Creek	South Fork Clearwater River	379	379
Tenmile Creek	South Fork Clearwater River	425	425
Newsome Creek	South Fork Clearwater River	358	358
Crooked River	South Fork Clearwater River	420	420
Red River	South Fork Clearwater River	418, 421, 422, 430	422
S. Fork Red River	Red River	444	444
American River	South Fork Clearwater River	364, 389	389
Sally Ann Creek[1]	South Fork Clearwater River	340	340
Middle Fork Clearwater	Clearwater River	287, 290, 308	290
Maggie Creek	Middle Fork Clearwater River	278	278
Clear Creek	Middle Fork Clearwater River	311, 318	311
S. Fork Clear Creek	Clear Creek	344	344
Selway River	Middle Fork Clearwater River	288, 303, 309, 310, 312, 313, 317, 329, 335, 349, 352, 365, 371, 374, 404, 406, 424, 431, 435, 447, 463, 469, 481	309, 404
Gedney Creek	Selway River	289, 300, 320	320
O'Hara Creek	Selway River	325, 346	325, 346
Hamby Fork of O'Hara Creek	O'Hara Creek	345	345
Meadow Creek	Selway River	347, 368, 391, 393, 398, 401, 415	347
Buck Lake Creek	Meadow Creek	366	366
Three Prong Creek	Meadow Creek	414	414
Mink Creek	Selway River	322	322
Marten Creek	Selway River	321	321
Moose Creek	Selway River	292	292
E. Fork Moose Cr.	Moose Creek	251, 258	258
N. Fork Moose Cr.	Moose Creek	239, 255, 272	272
West Moose Cr.	North Fork Moose Creek	227	227
Rhoda Creek	Selway River	259, 270	270

Stream Name	Tributary to	BIA Basin Number(s)	Quantification Location(s)
Wounded Doe Cr.	Rhoda Creek	250	250
Pettibone Creek	Selway River	291	291
Bear Creek	Selway River	299, 304, 341	341
Cub Creek	Bear Creek	343, 351, 355	351
Goat Creek	Selway River	370	370
Running Creek	Selway River	386, 383	386
White Cap Creek	Selway River	367, 388, 390	388
Indian Creek	Selway River	412	412
Deep Creek	Selway River	433	433
Wilkerson Creek	Selway River	460	460
Lochsa River	Middle Fork Clearwater River	151, 161, 162, 178, 179, 183, 192, 232, 242, 252, 266, 268, 274, 284, 296	296
Pete King Creek	Lochsa River	273	273
Old Man Creek	Lochsa River	261	261
Fish Creek	Lochsa River	201, 219	201
Hungery Creek	Fish Creek	198	198
Boulder Creek	Lochsa River	237	237
Warm Springs Creek	Lochsa River	187, 209	187
Fishing Creek (Squaw Creek)	Lochsa River	135	135
Legendary Bear Creek (Papoose Creek)	Lochsa River	133	133
Walton Creek	Lochsa River	174	174
Crooked Fork	Lochsa River	84, 122, 139	139
Brushy Fork	Crooked Fork	107, 124	124
Spruce Creek	Brushy Creek	126	126
White Sand Creek	Lochsa River	154, 188, 189, 193, 203	154
Big Sand Creek	White Sand Creek	206, 222, 236	206
Big Flat Creek	White Sand Creek	208	208

Stream Name	Tributary to	BIA Basin Number(s)	Quantification Location(s)
Salmon River	Snake River	323, 330, 331, 353, 354, 356, 369, 380, 384, 397, 432, 441, 445, 454, 458, 467, 474, 475, 486, 488, 489, 490, 494, 499, 505, 508, 511, 512, 515, 517, 520, 521, 522, 524, 525, 527, 530, 532, 535, 538, 541, 544, 545, 546, 549, 550, 551, 553, 558, 564, 570, 574, 575, 578, 580, 582, 587, 592, 604, 629, 664, 705, 717, 747, 786, 788, 831, 851, 853, 876, 916, 924, 928, 989, 1006, 1009, 1013, 1014, 1015, 1016, 1017, 1019, 1027, 1024, 1034, 1047, 1050, 1062, 1065, 1073, 1074	397, 525, 578, 664, 853, 1015
Pine Creek	Salmon River	586	586
Rice Creek	Salmon River	387	387
Rock Creek	Salmon River	372	372
Wind River	Salmon River	471, 519	519
White Bird Creek	Salmon River	408, 407, 427	407
Skookumchuck Creek	Salmon River	437	437
Slate Creek	Salmon River	442, 453, 456, 457	453
Little Slate Creek	Slate Creek	466, 478, 492	466
Sheep Creek	Salmon River	464	464
Billy Creek[1]	Snake River	91105	91105
French Creek	Salmon River	556, 624	556
South Fork Salmon River	Salmon River	583, 613, 659, 666, 695, 714, 740, 744, 752, 770, 771, 806, 823, 896, 1081, 1082	583, 752
Blackmare Creek	South Fork Salmon River	813	813
Porphyry Creek	South Fork Salmon River	610	610
Secesh River	South Fork Salmon River	588, 649, 652, 686	588, 686
Lake Creek	Secesh River	9588	9588
Lick Creek	Secesh River	700	700
E. Fork S. Fork Salmon	South Fork Salmon River	742, 745, 753, 756, 759, 761, 778	745
Profile Creek	E. Fork S. Fork Salmon River	723	723
Johnson Creek	E. Fork S. Fork Salmon River	765, 780, 808, 833, 883	765
Burntlog Creek	Johnson Creek	835	835

Stream Name	Tributary to	BIA Basin Number(s)	Quantification Location(s)
Quartz Creek	E. Fork S. Fork Salmon River	720	720
Sugar Creek	E. Fork S. Fork Salmon River	757	757
Tamarack Creek	E. Fork S. Fork Salmon River	736	736
Buckhorn Creek	South Fork Salmon River	766, 783	766
Fitzum Creek	South Fork Salmon River	734	734
Warm Lake Creek	South Fork Salmon River	861	861
Bargamin Creek	Salmon River	426	426
Chamberlain Creek	Salmon River	539, 540, 543, 567, 571	540
W. Fork Chamberlain	Chamberlain Creek	526	526
Horse Creek	Salmon River	498, 495, 531, 554	554
Middle Fork Salmon River	Salmon River	631, 607, 612, 658, 711, 739, 762, 777, 794, 814, 818, 820, 839, 847, 864, 884, 894, 917, 932, 958	607, 814
Big Creek	Middle Fork Salmon River	641, 650, 651, 655, 670, 676, 681, 687, 697	655, 697
Rush Creek	Big Creek	706, 709, 713, 725	706
Monumental Creek	Big Creek	671, 701, 750	671
Smith Creek	Big Creek	639	639
Logan Creek	Big Creek	675	675
Brush Creek	Middle Fork Salmon River	751	751
Camas Creek	Middle Fork Salmon River	781, 782, 792, 815, 822, 830, 844, 848, 868	782
Silver Creek	Camas Creek	773	773
Loon Creek	Middle Fork Salmon River	824, 880, 889, 897, 901, 930, 943, 950	824
Marble Creek	Middle Fork Salmon River	758, 789, 805	805
Dynamite Creek	Marble Creek	791	791
Indian Creek	Middle Fork Salmon River	795	795
Pistol Creek	Middle Fork Salmon River	855, 858	855
Rapid River	Middle Fork Salmon River	874, 900, 920	874
Sheep Creek	Middle Fork Salmon River	775	775
Sulphur Creek	Middle Fork Salmon River	918	918
Marsh Creek	Middle Fork Salmon River	971, 981, 986	971
Bear Valley Creek	Middle Fork Salmon River	967, 987	967
Elk Creek	Bear Valley Creek	949, 963, 972	972
Panther Creek	Salmon River	593, 600, 621, 628, 645, 682, 690, 715, 718, 726, 735	600, 735
Lightning Creek	Yankee Fork	964	964
Eightmile Creek	Yankee Fork	962	962
Redfish Lake Creek	Salmon River	1036, 1040	1036
Yellow Belly Lake Cr.	Alturas Lake Creek	1066	1066

[1] Stream is located within basin number.

List B. Developed Streams/Watersheds.

Stream Name	Tributary to	BIA Basin Number(s)	Quantification Location(s)	Tributary Quantification Location(s)
Lapwai Creek and tributaries	Clearwater River	195, 197, 207, 213	195	177, 220, 225, 214, 264, 265, 238
Potlatch River and tributaries	Clearwater River	15, 43, 54, 90, 106, 108, 112, 138, 159	159	110
Cottonwood Creek	Clearwater River	170	170	N/A
Jacks Creek	Clearwater River	171	171	N/A
Big Canyon Creek and tributaries	Clearwater River	175, 185, 226, 230	175	234, 235, 180, 241, 245
Whiskey Creek	Orofino Creek	134	134	N/A
Jim Ford Creek	Clearwater River	184, 217	184	N/A
Tom Taha Creek	Clearwater River	257	257	N/A
Lawyer Creek and tributaries	Clearwater River	275, 280, 285, 298, 301	275	283, 293, 294, 302
Cottonwood Creek and tributaries	South Fork Clearwater River	307, 315, 334, 336	307	295
Rabbit Creek	South Fork Clearwater River	332	332	N/A
Big Elk Creek	American River	382	382	N/A
Little Salmon River and tributaries	Salmon River	548, 561, 581, 637, 643, 656, 693, 710, 1079, 1080	548, 693	605, 620, 638
Sheep Creek	South Fork Salmon River	719	719	N/A
Hat Creek	Salmon River	796, 802, 826	826	N/A
East Fork Salmon River and tributaries	Salmon River	1018, 1028, 1032, 1033, 1041, 1046, 1052, 1063, 1068	1018, 1052	1060, 1042, 1053
North Fork Salmon River and tributaries	Salmon River	448, 491, 506, 516, 533	533	N/A
Lemhi River and tributaries	Salmon River	640, 646, 673, 698, 729, 737, 755, 767, 776, 797, 800, 804, 846, 829	640, 800	801
Pahsimeroi River and tributaries	Salmon River	873, 908, 915, 929, 947, 956, 991, 1011, 1031	873	N/A

Stream Name	Tributary to	BIA Basin Number(s)	Quantification Location(s)	Tributary Quantification Location(s)
Yankee Fork	Salmon River	942, 977, 982, 992, 998, 1001	1001	N/A
Alturas Lake Creek	Salmon River	1067, 1078	1078	N/A
Valley Creek and tributaries	Salmon River	1004, 1008	1008	1021, (streams in 1004 and 1008)

Appendix II

Section A. Channel types.

Figure 1. Stream is confined in a V-shaped valley.

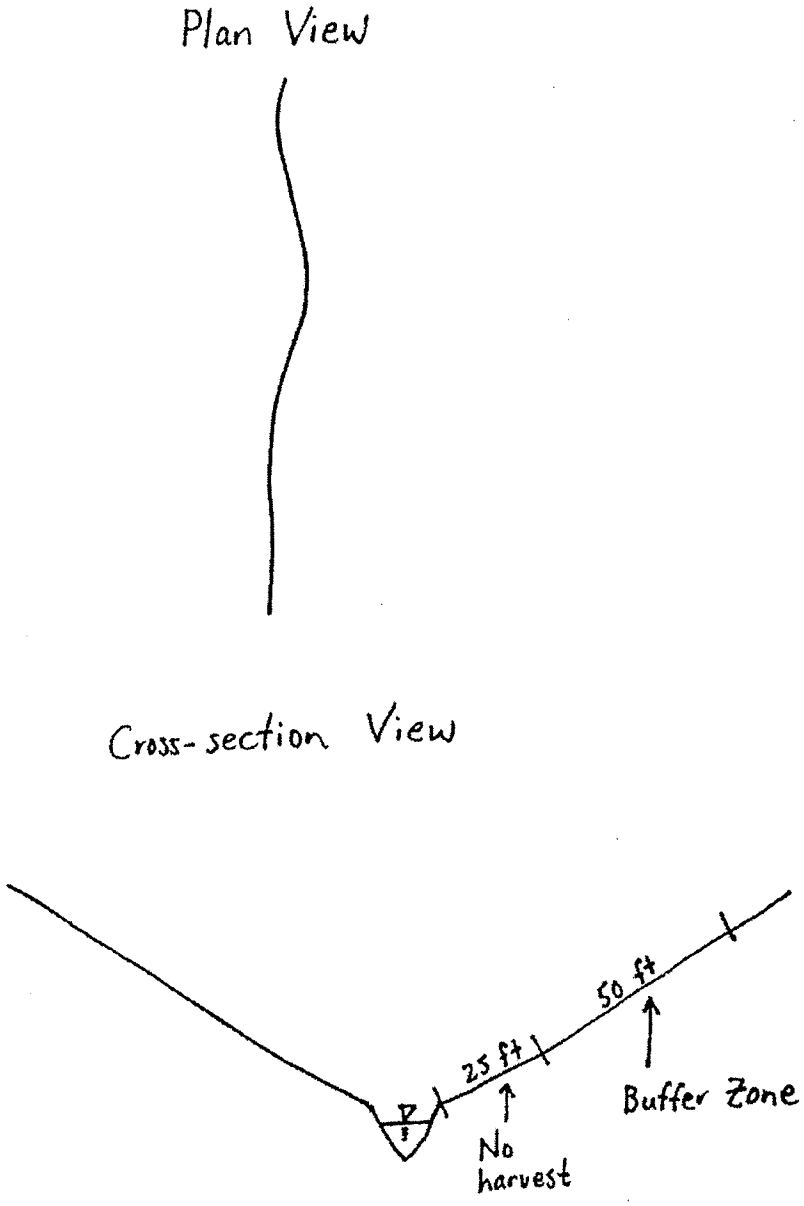


Figure 2. Stream is stable in an un-confined valley.

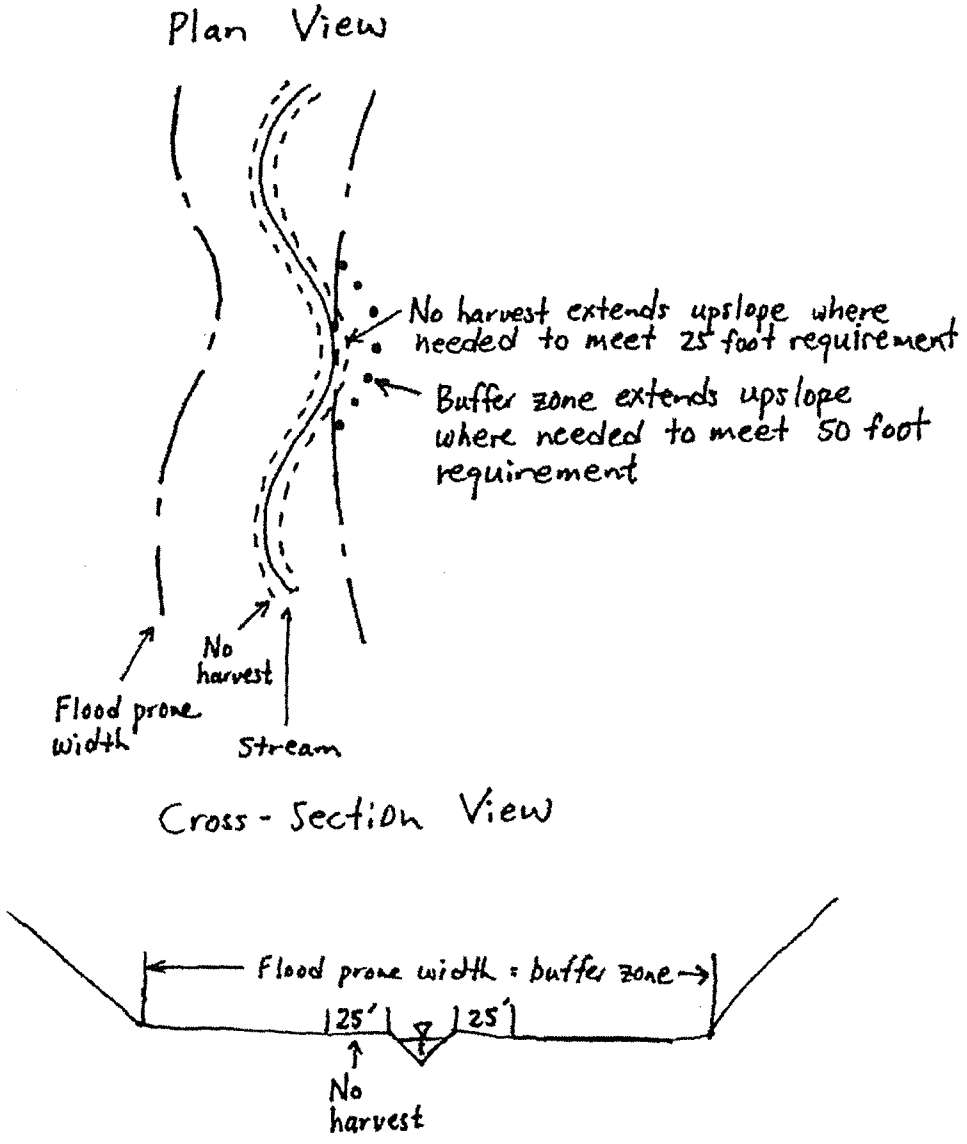


Figure 3. Multiple channels in an un-confined valley.

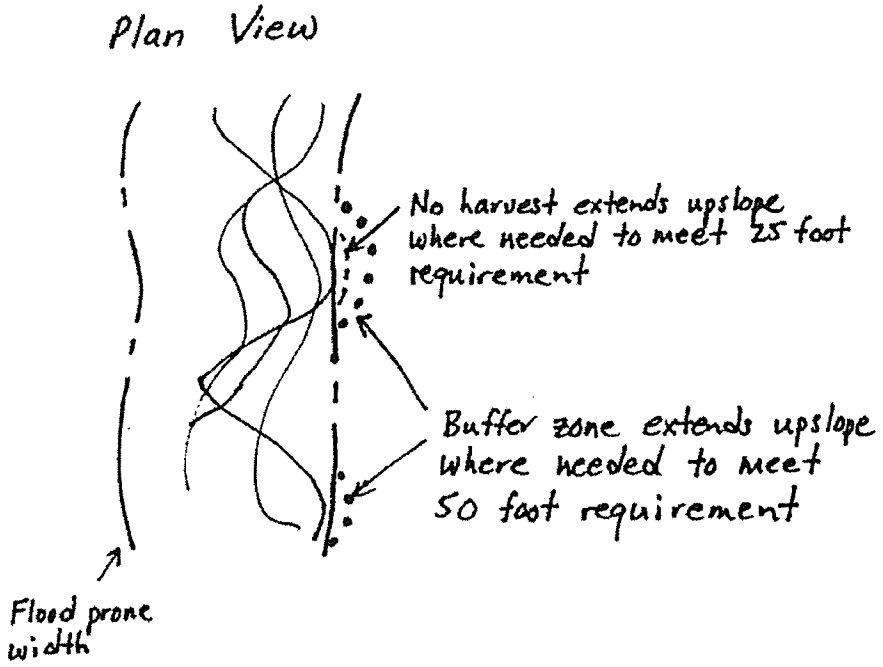
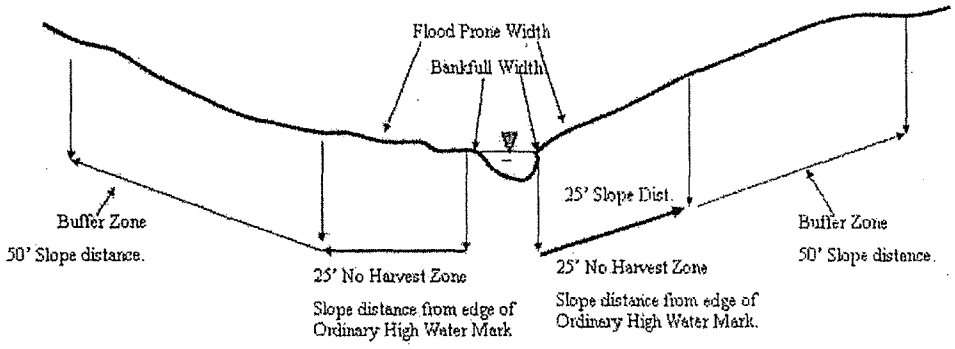


Figure 4

Determine the extent of the No Harvest and Buffer Zone for single confined channels.



SINGLE CONFINED CHANNEL: Bank full flow is contained within a single channel and the flood prone width in less than four times the bank full channel width

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A) Determine average **Bankfull Depth** (at Ordinary High Water Mark) for the reach being managed. The extent of this stage is marked by points A..

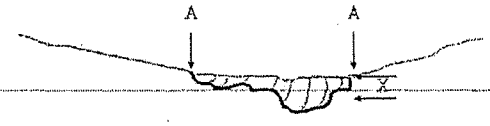
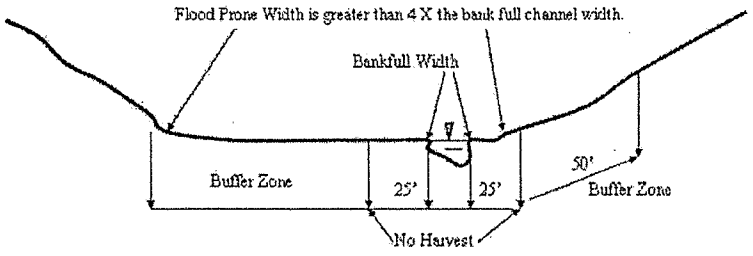


Figure 5

Determine the extent of the No Harvest and Buffer Zone for single unconfined channels.



SINGLE UNCONFINED CHANNEL: Bank full flow is contained within a single channel and the flood prone width is greater than four times the bank full channel width.

B: Calculate the Flood Prone Width, which is 2X the bankfull depth, projected out to locate reference points B

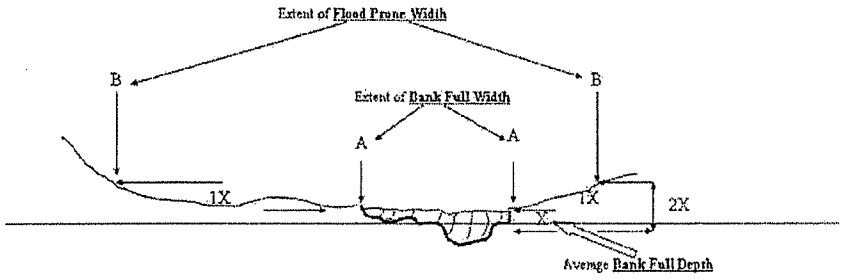
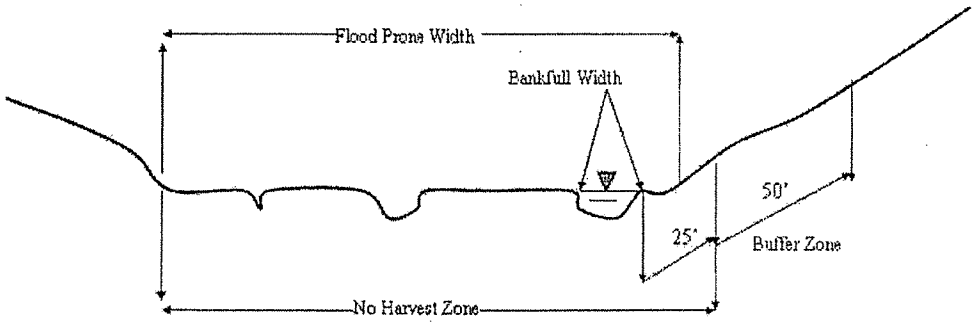


Figure 6

Determine the extent of the No Harvest and Buffer Zone for multiple unconfined channels.



MULTIPLE UNCONFINED CHANNELS: Bankfull flow occupies multiple (braided) channels and the flood prone width is greater than four times the bankfull channel width.

Section B. EROSION AND MASS FAILURE HAZARDS ASSESSMENT

Introduction

Sediment in streams is caused by past or present erosion in the watershed. The two most important erosion processes in the forested environment are surface erosion and mass failures. In forested watersheds, the hazard of surface erosion is largely a function of parent material and slope steepness. Road construction exposes significant areas of parent material and soil, reduces soil permeability, and intercepts, reroutes, and concentrates runoff. Roads are therefore the primary source of sediment from management activities in forested areas.

Increased peak stream flows may destabilize stream channels and erode stream banks. This effect is evaluated in Section D of this manual.

The hazard of mass failure (landslides) is primarily a function of the steepness of slopes, the parent material, and subsurface hydrology.

Both mass failure and surface erosion occur naturally in the forest, but they can be accelerated by poorly planned or executed forest practices.

The mass failure and surface erosion hazard ratings determined in this section will also be used in the Nutrient Hazard section (Section H).

Each item in this section is designed to answer two questions:

1. What is the inherent potential for mass failure in the watershed?

2. What is the inherent potential for surface erosion in the watershed?

Rationale

The CWE process for Idaho relies on readily available and commonly understood data to predict erosion hazards. Geology, slope and surface soil texture are landscape characteristics easily recognized by field foresters. Geologic, topographic, and soil maps are readily available. Foresters continually use geology, soil and slope information to make decisions about forest management activities. The CWE hazard ratings are based on analyses of geology, soils, and slopes as they relate to surface erosion and mass failures.

The surface erosion and mass failure hazard ratings below reflect the best judgment of professionals incorporating field experience and existing data (IDL, 1999). As a CWE analysis progresses in a watershed, the evaluators should monitor the geology, soils, and slopes in the area to verify that the hazard ratings reflect on-the-ground conditions.

References:

IDL. 1999. Analysis of mass failure data from the Pend Oreille, St. Joe, Clearwater, and Payette regions of Idaho. Unpublished. IDL, Coeur d'Alene, Idaho.

Kappesser, Gary B. 1993. Riffle Stability Index, A Procedure to Evaluate Stream Reach and Watershed Equilibrium. USDA Forest Service, Idaho Panhandle National Forests.

Megahan, Walter F. 1972. Logging, Erosion, Sedimentation - Are They Dirty Words? Journal of Forestry. 70:403-407.

Nygaard, Rosa, B. Kulesza, B. Putnam, R. Russell. 1990. WATSED, Water and Sediment Yield Model. USDA Forest Service, Region 1, Range, Air, Watershed, and Ecology Staff Unit.

Patton, Rick. 1989. WATBAL, Watershed Response Model for Forest Management. USDA Forest Service, Clearwater National Forest.

Reinig, Lyn, and J. Potyondy. 1991. BOISED, Sediment Prediction Model. USDA Forest Service, Boise National Forest.

Section C. Mass Failure Hazard Ratings

Slope and bedrock are generally the most important predictors of the risk of mass failure. A considerable amount of data collected in Idaho supports this conclusion. Additional factors to be considered on the ground are degree of bedrock weathering, slope shape, with concave slopes being more prone to mass failure, aspect, dip of the bedrock, geologic contact and fault zones, presence of springs or seeps, and other features indicating accumulations of water and/or soil materials. Table B-1 shows the relation of geologic material and slope to mass failure hazard. It is important that field examinations verify this information and add the degree of weathering, if necessary.

TABLE B-1

MASS FAILURE HAZARD RATINGS

BEDROCK/PARENT MATERIAL	Slopes 0-30%	Slopes 31-60%	Slopes >60%
Alluvium – coarse textured	L	M	H
Alluvium – fine textured Tertiary sediments – unconsolidated/loose	L	H	H
Lacustrine sediments	M	H	H
Loess	L	M	H
Metasediments – quartzite to argillite (Belt Supergroup) weakly weathered	L	L	M
Metasediments – quartzite to argillite (Belt Supergroup) highly weathered	L	M	H
Schist & Gneiss weakly weathered	L	M	H
Schist & Gneiss highly weathered	M	H	H
Granitics weakly weathered	L	M	H
Granitics highly weathered	M	H	H
Basalt – Columbia River Basalt flows	L	M	H
Limestone & Dolomite	L	M	H
Shale	L	H	H
Glacial Drift	M	H	H

Surface Erosion Hazard

The potential for surface erosion in forested terrain is largely a function of slope steepness, surface soil texture/soil structure, and the amount of roots in the surface few inches. Generally the surface texture, structure and amount of roots in the surface of forest soils are strongly related to the soil parent material. The hazard ratings in Table B-2 below are based on a surface soil where the above ground vegetation and duff have been removed, as with logging and/or burning, but the soil itself has not been substantially disturbed. These ratings are for soils that retain the cohesion supplied by intact roots, mycorrhizae and organic matter.

TABLE B-2

SURFACE EROSION HAZARD RATINGS

EROSION HAZARD	0-30% Slopes	31-60% Slopes	>60% Slopes
LOW	Volcanic Ash* Metasediments Argillite & Siltite Quartzite Basalt Schist & Gneiss Limestone/Dolomite Alluvium--coarse textured	Volcanic Ash* Metasediments Argillite & Siltite Quartzite Limestone/Dolomite Alluvium-coarse textured	
MEDIUM	Granitics Glacial Drift Loess Lacustrine Sediments Tertiary Sediments Alluvium-fine textured Shale	Glacial Drift Loess Schist & Gneiss Basalt Alluvium-fine textured	Volcanic Ash* Metasediments Argillite & Siltite Quartzite Limestone/Dolomite Alluvium-coarse textured
HIGH		Lacustrine Sediments Tertiary Sediments Granitics Shale	Lacustrine Sediments Tertiary Sediments Alluvium-fine textured Glacial Drift Granitics Schist & Gneiss Basalt Shale

Appendix III

Reclamation Project Reservoirs Above Hells Canyon Dam
Water Assigned for Flow Augmentation

Reservoir	Acre-Feet
Payette	
Cascade	69,600[1/]
Deadwood	25,400[1]
Subtotal	95,000
Upper Snake	
American Falls	8,951[2/]
Jackson	3,923[2]
Palisades	10,022[2]
Subtotal	22,896
Grand Total (non-powerhead)	117,896
Powerhead	
Anderson Ranch powerhead	41,000
Palisades powerhead	157,000
Powerhead Total	198,000

[1/]Reassigned for flow augmentation.

[2/]Reacquired for flow augmentation.

713 536 2027

275 568

HARD CODE THIS INTO

3000 AC-FT

8th JAN.

282-7974

FORECAST TECHNIQUES

ANNUAL

LAG TIMES - UPGRADIENT METEOROLOGY
A.C YEAR

SEASONAL FORECAST

CAUSIAN

RIRL WCSL GT 6 7

PUT TOGETHER EQUATIONS
& LIST OF DIVERSIONS

MAY 25
BASE:

GNAME = (GT3 + GT4 + TT52) - (TT9 + GT2 + GT6 + GT7 + TT17) - TT12

GNAV = (3861672.6 + 21458.7 + (852.7) - [166015.2 + 158011.8 + 2040 + (-849) + 23846.5] - 3641500.0

= 3884,984 - 249 064.5 - 3641500.0

= 3635 919.5 - 3641500.0 = 5580.5 AF

REVISED:

GNAV = (3862666.6 + 21458.7 + 1066.7) - [164614.8 + 158036.5 + 2040 + (-849) + 23846.5] - 3641500.0 = -3996.8

+994 -786 -1400.4 1583.7

↳ KL. & PALISADES.

PRELIM 1-1 1ST & ALC.

Burrell, Steve DOAC Monitors

Steve

From: Olenichak, Tony
Sent: Wednesday, February 06, 2008 2:23 PM
To: Burrell, Steve
Subject: RE: FMC credit

I think we're done with the daily final accounting, so you can go ahead and run the parallel run and send us the adjustments as a result of reducing the available gain in the FMC reach. There should be a SNKSYS.IND file for each restart of the accounting on 11/1/06, 4/17/07, and the most recent SNKSYS.IND is for the 5/26/07 restart. Milner spill ceased on April 16th, so we reset the evaporation, diversions (including all volumes and exchange wells), and storage past Milner to zero beginning on April 17th. The reservoir allocations were input beginning on 5/26/07 after the 1906 priority had been cut for the season. Diversion totals were not reset on 5/26/07. Give me a call if you have any questions.

Tony

From: Burrell, Steve
Sent: Wednesday, February 06, 2008 1:09 PM
To: Olenichak, Tony
Subject: RE: Snake ALC Storage Remaining Values

I still feel stupid for not checking my printout, but maybe I'll never make that same mistake again.

It has been so ordered in the 7th Suppl. Order of Dec 20, 2007 that the FMC adjustment be done:

IT IS FURTHER ORDERED that credit for the Idaho Ground Water Appropriator, Inc.'s continuing lease and non-use of ground water rights held by SE Idaho Energy LLC will be ermined after final accounting for the 2007 irrigation season is completed in early 2008.

If you're done with the accounting runs, I will take the final data off of Helga's computer and get started. I can probably figure out the restarts myself this year, so no need to write anything up just for me. I'll just call when I have questions.

Steve

From: Olenichak, Tony
Sent: Wednesday, February 06, 2008 11:43 AM
To: Burrell, Steve
Subject: RE: Snake ALC Storage Remaining Values

Steve,

If it makes you feel any better, we found approx four other errors we had made after the first run of the accounting, so we would have had to re-run the whole year regardless of whether you had programmed the Nelson-Corey/Hill-Pettinger thing correctly. It looked a lot better the second time through.

Are we going to do the FMC parallel accounting thing again this year to determine what adjustments need to be made in the SNKSTO report to provide additional storage to Twin Falls (and take away storage from others) based on the curtailment of the FMC well?

Tony

PRELIM07. ~~ALC~~.
PRELIM07 ALC

```
C----SECTION 27-1, PART 1
C****COMPUTE NATURAL FLOW (F) FOR EACH REACH BY ACCUMULATING GAINS IN
C****DOWNSTREAM ORDER.  AGAIN DO NOT INCLUDE FEEDER CANALS (ICF=2).
C
      DO 15 L=1,NR
      IC=IORD(L)
      IF(IC.LE.0.OR.ICF(IC).EQ.2) GO TO 15
      F(IC)=F(IC)+AG(IC)
      IO=IDS(IC)
      IF(IO.LE.0) GO TO 15
      F(IO)=F(IO)+F(IC)
   15 CONTINUE
C
C----SECTION 27-1, PART 2
C****RD IS INITIALLY EQUAL TO EACH DIVERSION.  AS EACH RIGHT IS MET BY
C****NATURAL FLOW, THAT AMOUNT IS DEDUCTED SO THAT RD = REMAINING
C****DIVERSION.  ZERO THE TOTAL DIVERSION MADE FROM NATURAL FLOW (DM).
C
      DO 1 L=1,ND
      DM(L)=0.0
    1 RD(L)=DIV(L)
C
C----SECTION 33-2
C****BEGIN LOOP TO MEET RIGHT (OR LN RIGHTS IF MORE THAN ONE RIGHT HAS
C****THE SAME PRIORITY) FROM NATURAL FLOW.  RIGHTS ARE FIRST MULTIPLIED
C****BY PCT VALUES DETERMINED IN ABOVE LOOP.  PCT WILL BE LESS THAN ONE
C****IF THERE IS MORE THAN ONE RIGHT WITH THE SAME PRIORITY DATE AND
C****THESE RIGHTS MUST SHARE A LIMITED WATER SUPPLY.  THE MODIFIED
C****RIGHT (R) IS THEN LIMITED BY THE REMAINING DIVERSION (RD) AND THE
C****REMAINING NATURAL FLOW (RF) IN EACH DOWNSTREAM REACH.
C
C****A RESERVOIR RIGHT (JJ>0) IS LIMITED BY THE RIGHT'S REMAINING SPACE,
C****(RST-BRST).
C
C****A FLOW RIGHT (JJ<0) IS LIMITED BY THE REMAINING NATURAL FLOW (RF)
C****AND ALSO THE ACTUAL FLOW (AF).
C
C****THE RIGHT IS THEN SUBTRACTED FROM THE REMAINING FLOW (RF) IN EACH
C****DOWNSTREAM REACH, THE TOTAL RIGHT (T), AND THE REMAINING DIVERSION
C****(RD). WHEN THE THE REMAINING FLOW IN A REACH IS USED UP, THE
C****NUMBER OF THE RIGHT (LL) IS STORED IN THE IRT ARRAY.  IF IDB IS
C****POSITIVE, VALUES ARE PRINTED PRIMARILY FOR DEBUG PURPOSES.
C
   29 DO 4 LL=L1,L2
      IC=JCNL(LL)
      IF(IC.LE.0) GO TO 4
      IR=IRCH(IC)
      IF(LN.EQ.1) PCT(IR)=1.0
      R=T(LL)*PCT(IR)
      IF(R.EQ.0.0) GO TO 48
      IF(RD(IC).LT.R.AND.JJ(LL).EQ.0) R=RD(IC)
      IG=IR
      IF(JJ(LL).LT.0) GO TO 160
    3 IF(R.GT.RF(IG)) R=RF(IG)
      IF(R.LE.0.0) GO TO 48
      IG=IDS(IG)
      IF(IG.NE.0) GO TO 3
      GO TO 161
  160 IF(R.GT.RF(IG)) R=RF(IG)
      IF(R.LE.0.0) GO TO 48
      GO TO 98
  161 IF(JJ(LL).EQ.0) GO TO 180
      LRRT=JJ(LL)
      RS=(RST(LRRT)-BRST(LRRT))/1.9835
      IF(RS.LE.0.01) T(LL)=0.0
```

```
      IF(R.GT.RS) R=RS
      IF(R.LE.0.0) GO TO 48
      BRST(LRRT)=BRST(LRRT)+(R*1.9835)
      LR=MR(LRRT)
      DRA(LR)=DRA(LR)+R
      GO TO 14
   98 CHK=AF(IR)-(RD(IC)*(-1.))
      IF(R.GT.CHK)  R=CHK
      PF(IR)=PF(IR)+R
      GO TO 14
  180 IF(IVO(LL).LE.0) GO TO 325
      L=IVO(LL)
      RR=(SVL(LL)-VRD(L))/1.9835
      IF(R.GT.RR) R=RR
C
C****SKIP RIGHT VOLUME LIMIT CALCULATION  FOR 1891 RESERVATION CANAL RIGHTS
C****(L= 9 or 10) SINCE THOSE VOLUMES ARE CALCULATED LATER.
C****  ADDED 9/23/05 RJS  (VER 1.1)
```

```
C  930 FORMAT(1A,'AF(19),G(19,1),G(20,1),SPIN,AF(47)',5F6.0)
      WRITE(OUT,916)HEADRES
  916 FORMAT(1X,'RESERVATION AT HEAD:          ',F7.0,2X,'CFS')
      WRITE(OUT,917)AF(45)
  917 FORMAT(1X,'SAND CREEK TO RESERVATION:    ',F7.0,2X,'CFS')
      WRITE(OUT,918)AF(44)
  918 FORMAT(1X,'RESERVATION AT DROP:          ',F7.0,2X,'CFS'/)
      WRITE(OUT,919)TRIBAL                                    !VER 1.1
  919 FORMAT(1X,'TRIBAL 1867:                  ',F7.0,2X,'CFS')
      WRITE(OUT,920)VRD(9)                                    !VER 1.2 (10)
  920 FORMAT(1X,'TRIBAL TOTAL VOLUME:          ',F7.0,2X,' AF')
      WRITE(OUT,921)TRIBALNON                                 !VER 1.1
  921 FORMAT(1X,'NON TRIBAL 1891:              ',F7.0,2X,'CFS')
      WRITE(OUT,922)VRD(10)                                   !VER 1.2 (11)
  922 FORMAT(1X,'NON TRIBAL VOLUME:            ',F7.0,2X,' AF'/)
      WRITE(OUT,923)AF(40)
  923 FORMAT(1X,'SPRING CREEK:                 ',F7.0,2X,'CFS')
      WRITE(OUT,924)SPCKGN
  924 FORMAT(1X,'SPRING CREEK GAIN:            ',F7.0,2X,'CFS'/)
      WRITE(OUT,925)KDSWID
  925 FORMAT(1X,'SWID START DAY OF THE YEAR:           ',I4)
      WRITE(OUT,926)TSWID
  926 FORMAT(1X,'SWID:                          ',F7.0,' CFS')
      WRITE(OUT,932)AVSWID
  932 FORMAT(1X'SWID TOTAL VOLUME:             ',F7.0,2X,'AF'/)
!C  ADDED 6/30/2003 FOR MINIDOKA-MILNER GAIN ON PRINTOUT ...v1.6 (SCB)
!       GMIL=AG(9)+ECH(20)
!       WRITE(OUT,927)GMIL
!  927 FORMAT(1X,'MINIDOKA-MILNER REACH GAIN:   ',F7.0,2X,'CFS')
!       WRITE(OUT,933)RETN
!  933 FORMAT(1X,'MEASURED RETURN FLOW:         ',F7.0,2X,'CFS')
!       WRITE(OUT,928)ECH(20)
!  928 FORMAT(1X,'MINIDOKA RETURN FLOW CREDIT:  ',F7.0,2X,'CFS')
!       WRITE(OUT,929)TSE(20)
!  929 FORMAT(1X,'MINIDOKA TOTAL CREDIT:        ',F7.0,2X,' AF'/)
      GNAV=((GT(3)+GT(4)+TTSE)-(TT(9)+GT(2)+GT(6)+GT(7)+TT(17)))-TT(12)
      WRITE(OUT,931)GNAV
  931 FORMAT(1X,'GAIN AVERAGING ADJUSTMENT:  ',F9.0,2X,' AF')
C
C----SECTION 44-2, PART 1
C****DIVIDE EXCHANGE PUMPS INTO THREE EQUAL PARTS FOR COLUMNS ON REPORT
C
      AKE=NEP/3.
      JE=AKE
      R=AKE-JE
      IF(R.GT.0.1) JE=JE+1
      JEE=JE*2
C
C----SECTION 44-2, PART 2
C****PRINT EXCHANGE PUMP DATA
```

GT(3) = TT(15) = Σ DRA : Natural Flow Diverted By each Reservoir.

GT(4) = SF(9) (−) STORED FLOW @ END (IF −)

TT(9) - STOR USE

GT2 STOR PAST MILNER

GT6&7 = Σ STOR LOSS @ WILLOW

```
C
C----SECTION 35-1, PART 3
C****IF THE MINIDOKA PROJECT HAS A REMAINING DIVERSION NOT SATISFIED
C****BY NATURAL FLOW (MIL=0) AND TOTAL DIVERSIONS ARE LESS THAN 2000
C****CFS GREATER THAN THE TOTAL GAIN (IDT=0), USE THE MINIDOKA TO
C****MILNER GAIN (GMIL) TO MEET THE PROJECT'S DIVERSION.  ANY EXCESS
C****GAIN (FMIL), IS REALLOCATED TO RIGHTS BELOW MINIDOKA.
C
      IF(IDT.LE.0.OR.MIL.GT.0) ECH(20)=0.
C      IF(RD(I1).LT.0.5.OR.RD(I1).LE.GMIL) GO TO 139
C     RD(I1)=RD(I1)-GMIL
C      FMIL=0.0
C      AMIL=GMIL
C      GO TO 141
C  139 FMIL=GMIL-RD(I1)
C      AMIL=RD(I1)
C     RD(I1)=0.0
C  141 MIL=1
C
C----SECTION 36-1, PART 1
C****ADD EXCESS MINIDOKA TO MILNER GAIN TO REMAINING FLOW (RF) IN THAT
C****REACH.  THEN REDEFINE RIGHT PARAMETERS SO THAT FIRST NM RIGHTS ARE
C****ONLY THOSE FROM MINIDOKA TO MILNER.  REDEFINE IRT(9), THE LAST
C****RIGHT MET IN THAT REACH.
C
C      IF(FMIL.LE.0.0) GO TO 138
C      RF(9)=RF(9)+FMIL
C      AG(9)=FMIL
C      L1=1
C      NLK=NM
C      IRTP=IRT(9)
C      IRT(9)=NLK
C      DO 143 L=1,NM
C      J=JPM(L)
C      JDATE(L)=IDATE(J)
C      JCNL(L)=ICNL(J)
C      JJ(L)=JR(J)
C      T(L)=T(J)
C  143 CONTINUE
C
C----SECTION 36-1, PART 2
C****RETURN TO RIGHT ALLOCATION ROUTINE TO DISTRIBUTE FMIL TO MILNER
C****CANALS
C
C      GO TO 24
C
C----SECTION 36-1, PART 3
C****ALLOCATION IS COMPLETED FOR ONE DAY AT THIS POINT.
C
  138 CONTINUE
      IF(GMIL.LE.0.0.AND.RD(I1).GT.0.1) THEN
            AMIL=GMIL
            END IF
C
C----SECTION 36-1, PART 4   (VER 1.1)
C****MODIFY THE FLOW AT THE HEAD OF RESERVATION CANAL DIV(I91) SO THAT
C****VOLUME LIMITS FOR BOTH THE TRIBAL AND NONTRIBAL ENTITIES CAN BE CALCULATED.
C****THE NATURAL FLOW DIVERTED (DM) IS ASSIGNED TO THE NONTRIBAL 13 CFS 1890
C****RIGHT, THE NONTRIBAL 1891 RIGHT (260 CFS) AND THE TRIBAL 1867 RIGHT (390
C****CFS).  DIV(I92) BECOMES THE TOTAL DIVERTED AT THE HEAD OF THE CANAL FOR THE
C****NON-TRIBAL ENTITY.  THE NONTRIBAL VOLUME IS SIMPLY THE AMOUNT DIVERTED UNDER
C****THE 1891 RIGHT, AND THE TRIBAL VOLUME IS THE FLOW AT THE DROP (AF(44)) MINUS
C****THE DIVERSION (NATURAL AND STORED) ATTRIBUTED TO THE NONTRIBAL ENTITY (DIV(I92)
C****AT THE HEAD OF THE CANAL.  THE NATURAL FLOW AT THE HEAD OF THE CANAL IS
C****FIRST ASSIGNED THE THE NONTRIBAL ENTITY UNTIL THE 1891 RIGHT IS CUT, AND
```

Water District 1 Annual Meeting

03/06/2007
9:00 AM to 4:00 PM
Red Lion Hotel
Idaho Falls, ID

250 000

Agenda

9:00	Welcome & Introduction	Larry Kerbs
9:10	Idaho Water Users Activities	Norm Semanko
9:40	Water Supply Outlook	Mike Beus
10:00	USBR Report--Upper Snake River	~~Bill McDonald~~ Rich Rigby
10:30	Adjudication Status Report/IDWR Director's Report	Dave Tuthill
10:50	Committee of Nine Chairman Remarks	Larry Kerbs
11:00	Watermaster's Report	Lyle Swank
1:30	Water Accounting/Data Retrieval Updates	Tony Olenichak/Liz Cresto
12:00	Lunch	
1:00	Call to Order A. Election of Meeting Chairman and Secretary B. Roll Call C. Reading of the 2006 Annual Meeting Minutes D. Recess for Caucuses (Selections for Committee of Nine) E. Reconvene Meeting: 1. Report of Credentials Committee 2. Area Recommendations for 2007 Committee of Nine	
1:30	Financial Reports	Evans & Poulsen PA
2:00	Legal Update	
2:30	Resolutions	
3:00	Old Business	
	New Business	
4:00	Adjourn Meeting	

MINUTES
WATER DISTRICT 1 ANNUAL MEETING
RED LION CONVENTION CENTER
IDAHO FALLS, IDAHO
MARCH 7, 2006

Albert Lockwood, Chairman of the Committee of Nine called this annual meeting of Water District 01 to order at 9:00 a.m. on March 7, 2006, at the Red Lion Hotel in Idaho Falls. Albert introduced, Karl Dreher, Dave Tuthill, and Roger Warner of the Idaho Dept. of Water Resources (IDWR), Norm Semanko of the Idaho Water Users Association (IWUA), Bill McDonald, Rich Rigby, Jerry Gregg, Kris Ketchum, and Mike Beus of the Bureau of Reclamation (BOR), and Ron Carlson, Lyle Swank, Tony Olenichak, and Wendy Murphy of Water District 1.

Norm Semanko gave a report on pending legislation. HB544 provides that irrigation districts can adopt an alternative method of voting by acreage rather than one man one vote. HB576, which has passed the House, tweaks irrigation district election procedures. SB1352 increases the amount irrigation districts can charge to collect bad checks. SB1353 clarifies that the exclusive authority to appropriate water belongs to the IDWR. HB545 will provide for an adjudication in north Idaho. IWUA supports HB650a with amendments. The bill creates an aquifer protection district for the Rathdrum Aquifer. Senate Joint Memorial 118 urges that enforcement of new levels for arsenic in drinking water be suspended. HB594 gives the Idaho Dept. of Agriculture more direction to control noxious weeds in water bodies. IWUA has a concern this bill would give the Dept. of Ag jurisdiction over canals. HB568 regulates field burning. Recently there has been legislation introduced to amend groundwater district laws. Norm said he is also busy trying to protect and defend the upper snake biological opinion from attacks by environmental groups in Judge Redden's court in Portland.

Norm introduced legislative intern for IWUA McCord Larson. McCord explained that he is from Burley, Idaho, and is a senior at BYU-I majoring in agricultural business with the goal of becoming an attorney. He thanked Water District 1 for sponsoring him.

Dave Tuthill explained that since Glen Saxton retired he took Glen's place as Administrator of the Water Management Division. Don Schaff took Dave's place as the Bureau Chief of the Snake River Basin Adjudication. He said this is the year for completion of the SRBA. The last of the directors' reports will be filed this summer. As of February 8, more than 118,000 partial decrees have been issued. The objection process is working well with about 2% of the claims being unresolved. Four reports yet to be filed are Basin 01 Part 1, downstream of the Blackfoot area, Basin 01, Part 2 upstream of Blackfoot and the South Fork, Basin 22, Part 2 the upper Teton River, and Basin 24. Dave encouraged claimants to work with the appropriate IDWR agent, participate in preliminary meetings, and work with IDWR to prepare accurate recommendations for the directors reports. After the rest of the directors reports are filed eight SRBA people will convert to water manager positions. He also explained that with Ron Carlson's retirement Lyle Swank has been selected as Regional Manager of the Eastern Region of IDWR. If Lyle is selected as Watermaster today then a Deputy Watermaster as well as a

Deputy Regional Manager will be selected.

Mike Beus of the BOR said the reservoir system is 63% of capacity. He is waiting for the March 1 runoff forecasts to determine the rest of winter operations. He said the February 1 forecast for the unregulated flow at Heise for May - July is 4.1 million af. The 2005 irrigation season was shortened by significant spring rains which caused more than expected reservoir carryover. A snow accumulation graph at Lewis Lake Divide shows it is above average. Jackson Lake is storing a little bit more water than a year ago with slightly higher releases. Palisades is filling faster than last year with releases beginning at 900 cfs and increasing to 1600 cfs because of the February 1 forecast. The increased releases bumped power generation from 8 to 24 megawatts. Mike also showed graphs comparing the last five years of snow water accumulation at Lewis Lake Divide and upper snake reservoir fill. The reservoir fill is on track to be where it needs to be by May 1. American Falls will fill easily. Releases from American Falls will need to increase above the current discharge of 3000 cfs which was set a month ago. The long lead forecast for March, April, May is equal chances of being wet or dry while the March forecast is on the border of trending wet. In answer to a question about the spring freshet operations of the last two years and if it will be done this spring, Mike answered that because American Falls is more full than the last two years the operation will not happen this year. However, because of the snow pack the freshet flows will probably happen without the operation.

Bill McDonald, Regional Director of the BOR said that because of higher expected flows this spring he has been asked if canals with winter water savings contracts can open up early to participate in aquifer recharge. He said that because of the water situation canals can run water and not be inconsistent with those contract provisions. The BOR is supportive of a pilot recharge program and is interested in discussions with all the parties as to how a permanent program would look. Bill explained the Water 2025 Program is to help fund water conservation and water efficiency projects. The BOR has put out a request for proposals for this years projects. Concerning salmon recovery under the Endangered Species Act Judge Redden has ordered a collaborative process of the feds, states, and tribes. Jim Yost of the governor's office is representing the state. The Biop on operation of the Upper Snake Reserviors was finished last year and environmental plaintiffs sued saying the Upper Snake Reservoirs should be part of the Federal Columbia River Power System (FCRPS) and the Upper Snake Biop is legally flawed in the same way the FCRPS Biop is flawed. A decision from the judge is expected by the end of May. The collaborative process is an opportunity to have a debate about the real issue which is does society really want to recover the salmon species in terms of all the different kinds of costs and trade offs, and how to do it? The collaborative process will discuss this issue and attempt to reach consensus on how to design a hydro-power operation that will move toward salmon recovery instead of merely avoiding extinction. Concerning the Minidoka spillway replacement the preliminary schedule calls for NEPA to begin in 2007, design in 2008, construction beginning in late summer of 2010 and concluding in 2013. The BOR is trying to decide if the project is a Safety of Dams issue. Very preliminary cost estimate is $25 to $35 million. Construction prices have been sharply increasing which could cause the estimate to be much higher.

Albert Lockwood recognized Ted Dehl, who recently turned 80 years old, as an influential water leader in Idaho with his influence having national proportions.

Karl Dreher said there will be some opportunity this year to do recharge. He expressed appreciation to the BOR for addressing provisions of the winter water savings contract to allow recharge to happen. There is a need to address how recharge would occur in relation to Idaho Power's water rights. Legislation passed in 1994 states that recharge rights are subordinated to Idaho Power's rights. Legislation has been introduced to repeal that clause. The governor's office and Idaho Power have began discussions to design a recharge program. IDWR is looking at two recharge sites one on the North Side canal and the Aberdeen-Springfield canal and will be able to do recharge to the extent that Idaho Power is not damaged. Dave Blew on behalf of IDWR began discussions with canal companies to see who could divert early to begin recharge. He encouraged the North Side canal to begin diverting on March 15 which is the beginning of their irrigation season of use. Aberdeen-Springfield could use the Idaho Water Resource Board's recharge permit through the water bank (there are problems to address). Above Blackfoot canals have filed claims for off season stock watering which would accomplish incidental recharge and they can run that water if there is interim administration. Karl also discussed IDWR's budget which is very tight. IDWR has began processing a backlog of about 1,000 stream channel alteration permits for excavation and has hired people in Idaho Falls, Coeur d'Alene, and Twin Falls for that process. The Corp of Engineers handles fill permits which meet the minimum requirements of Idaho law. On the Upper Salmon River a water district has been created which will overlie all of the smaller water district's in that area and will be better suited to administer groundwater and surface water rights. Water Districts to administer groundwater rights will be created south of Burley, Water District 140, Water District 110 in the Mud Lake area, and Water District 100 in the Rexburg Bench and Fremont-Madison area. IDWR and the IWRB are sponsoring 7 pieces of legislation either jointly or individually. One will reduce notice requirements for annual water district and special meetings. HB434 removes a limitation so the State Treasurer can issue bonds to the water board. Another bill removes a cap on the amount that can be loaned to the IWRB. HB637 removes the Dept. of Administration's oversight of construction projects that are carrying out the IDWR's specific responsibilities. There are three minimum stream flow bills, one for Niagra Springs and two on the Clearwater River above and below Dworshak as they relate to the Nez Perce Agreement.

Albert introduced his wife Debbie and expressed appreciation for her. He introduced the Committee of Nine members and thanked them for their support. He thanked Rich Rigby of BOR for his help on updating the Rental Pool Procedures. The minutes of the last annual meeting state that surface water users and groundwater users had been meeting to come to an agreement. Since that time the interim legislative committee has been meeting to come up with solutions and then about a month ago a mediator was selected and lots of negotiation meetings have been held but no solution has been reached. Albert said everyone needs to do all they can to enhance the aquifer levels. The water users need to quit fighting among themselves and work together on all the water issues to protect our 100 year old water rights. The three legal firms work hard to take care of the water users.

Watermaster Ron Carlson thanked everyone who came to his change in career party last evening. He said he was the first watermaster who had not been a federal employee which was a change in multiple ways such as beginning the computerized water right accounting which involved the director of IDWR in water accounting. He talked about other changes that have taken place as well as the importance of a good work ethic, the importance of relationships and honesty. He explained that he will be administrator of Pearl House Family Services and showed a DVD of what Pearl House is. He said he is moving from protecting the resource of water to the most precious resource of all, children.

Watermaster elect Lyle Swank ran the computerized reservoir and river display from October 2004 (12% full compared to 25% full as of October 2005). The March 1 snow courses are above last year and most are above average. He defined his qualifications to be watermaster which are a farm background, appropriate education, experience, a sound work ethic, and impartiality. He will use a team approach in operating the water district. He also said final storage use and carryover numbers for 2005 are out.

The meeting adjourned at 12:15 p.m. for lunch and reconvened at 1:30 p.m.

Don Hale reported on efforts to get a recharge program in place and encouraged the waterusers to talk to their public officials to get the job done.

Albert Lockwood was nominated and elected meeting chairman and Dale Swensen was nominated and elected meeting secretary.

Ryan Madsen conducted a roll call of canal companies and irrigation districts.

Ed Clark moved, seconded by Don Hale, and unanimously approved to dispense with reading of the minutes since they had been mailed out before. Ed Clark then moved to approve the minutes of the last annual Water District 1 meeting held on March 1, 2005. Jack Hirai seconded the unanimously passed motion.

Caucasus were then held to elect members of the Committee of Nine which are: Larry Kerbs, Ed Clark, Stan Hawkins, Dale Rockwood, Paul Berggren, Don Hale, Mike Wilkins, Albert Lockwood, and Charles Coiner. Alternates to the Committee of Nine are: Dell Raybould, Leonard Beck, Jack Hirai, and Scott Breeding. Advisory Members are: Arnold Woolstenhulme, Randy Brown, Ken Koska, Lynn Harmon, Chris Ketchum, and Pat Tyrrell.

Treasurer Dale Rockwood introduced Jeff Poulsen of the accounting firm Evans and Poulson. Mr. Poulson explained that the annual audit is not completed because of the time of beginning. They have looked at the amounts due from water measurement districts to the water district for just one month and determined that payments are being made as they should. The contingency fund of $100,000 had only one disbursement and that was in 1997. There is a question if that

fund should be replenished every year or not. The Committee of Nine should make clear what the fund is to be used for. His firm is becoming familiar with the rental pool rules to make sure they are administered properly from a financial standpoint. He said the financial records are in order. The audit will be completed by the end of April.

Attorney John Simpson said the attorneys have concentrated on Resolution 40–USBR Storage Right Claims in the SRBA. The Committee of Nine position is that spaceholders have a beneficial or equitable ownership interest in the storage space in the reservoirs. The SRBA court recognized that interest but BOR appealed that decision to the Idaho Supreme Court which has not ruled yet. Other issues the attorneys are working on is: Resolution 27–Hydroelectric Project Relicensing, Resolution 31–FCRPS 2004 Biop and Resolution 32–Upper Snake Biop. The Nez Perce Agreement provided 30 years of certainty for flow augmentation amounts. If the Upper Snake Biop is overturned then the Nez Perce Agreement is in question. The Committee of Nine will continue to work with waterusers on the Boise and Payette rivers to protect the Nez Perce Agreement and the Upper Snake Biop. Resolution 36–Snail ESA Petitions, the attorneys are working with the state to get them delisted. Resolution 37–Yellowstone Cutthroat Trout Listing, the Committee of Nine has supported the state in their efforts to provide information to the United States Fish and Wildlife Service which has decided that they do not warrant listing at this time. Resolution 40–Water Quality Standards/TMDLs-Upper Snake River Basin, the Sho_Ban Tribes are trying to be recognized as a state in setting water quality standards and if they are recognized the Tribes could set water quality standards for American Falls Reservoir which could affect reservoir and river operations.

Vice-chairman and Resolutions Committee Chairman Larry Kerbs then conducted the approval of the 2006 Resolutions.

Ed Clark moved, seconded by Don Hale, and unanimously passed that Resolutions 1, 2, and 3 be approved.
Don Hale moved, seconded by Ed Clark, and unanimously passed that Resolutions 4,5,6, and 7 be approved.
Ed Clark moved, seconded by Don Hale, and unanimously passed that Resolutions 8, 9, and 10 be approved.
Don Hale moved, seconded by Ed Clark, and unanimously passed that Resolutions 11,12,13,14, and15 be approved.
Ed Clark moved, seconded by Don Hale, and unanimously passed that Resolutions 16,17,18, and 19 be approved.
Jack Hirai moved, seconded by Mike Wilkens, and unanimously passed that Resolutions 20,21,22,23,23,25, and 26 be approved.
Ed Clark moved, seconded by Don Hale, and unanimously passed that Resolutions 27,28,29,30, and 31 be approved.
Don Hale moved, seconded by Ed Clark, and unanimously passed that Resolutions 32,33,34, and 35 be approved.
Ed Clark moved, seconded by Don Hale, and unanimously passed that Resolutions

36,37,38,39,40,41, and 42 be approved.
Don Hale moved, seconded by Ed Clark, and unanimously passed that Resolution 43 be approved.
Lyle presented a plaque to Albert and thanked him on behalf of the water users for his leadership as chairman of the Committee of Nine for the last two years.

At 2:40 p.m. Don Hale moved, seconded by Jack Hirai to adjourn the annual meeting of Water District 1.

WATER DISTRICT 1

Basic Financial Statements

October 31, 2006

Evans & Poulsen PA
Certified Public Accountants
1360 Albion Ave
Burley, ID 83318

WATER DISTRICT 1

BASIC FINANCIAL STATEMENTS
For the Year Ended October 31, 2006
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FINANCIAL SECTION

Evans & Poulsen P.A.

Certified Public Accountants

Members of the American Institute of CPA's
and the Idaho Society of CPA's
Edward G. Evans, CPA
Jeffrey D. Poulsen, CPA

INDEPENDENT AUDITOR'S REPORT

Department of Water Resources
Water District 1
Idaho Falls, Idaho

We have audited the accompanying financial statements of the business-type activities, the aggregate discretely presented component units and each major fund of Water District 1 (the "District"), as of and for the fiscal year ended October 31, 2006, which collectively comprise the District's basic financial statements as listed in the table of contents. These financial statements are the responsibility of the District's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinions.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities, the aggregate discretely presented component units and each major fund of Water District 1 as of October 31, 2006, and the respective changes in financial position and cash flows, where applicable, thereof for the year then ended in conformity with accounting principles generally accepted in the United States of America.

In accordance with *Government Auditing Standards*, we have also issued our report dated February 16, 2007 on our consideration of the District's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts and grants. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be read in conjunction with this report in considering the results of our audit.

The District has not presented the management's discussion and analysis that accounting principles generally accepted in the United States has determined is necessary to supplement, although not required to be part of, the basic financial statements.

The combining statements and budgetary comparison information on pages 17 through 20 are not a required part of the basic financial statements but are supplementary information. The combining statements have been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, are fairly stated in all material respects in relation to the basic financial statements taken as a whole. The budgetary comparison has not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we express no opinion on it.

Evans & Poulsen
EVANS & POULSEN, PA

February 16, 2007

1360 Albion Avenue • Burley, Idaho 83318 • (208) 678-1300 • Fax (208) 678-1301 • evanscpa@pmt.org

WATER DISTRICT 1

Statement of Net Assets
October 31, 2006

	Primary Government Business-Type Activities	Component Units
ASSETS		
Cash and Investments - Note 2	$ 4,663,702	$ 177,797
Receivables:		
Assessments - Note 4	59,421	17,562
Rentals - Note 8	9,661	-
Funds Held by IDWR - Note 7	29,897	4,377
Due from Other Funds - Note 9	177,637	-
Due from Component Units - Note 9	6,770	
Inventory - Note 1	13,975	-
Restricted Assets - Note 3:		
Cash	3,174,403	-
Capital Assets - Note 5:		
Land	-	-
Other Capital Assets, Net of Depreciation	51,988	-
Other Assets	-	-
TOTAL ASSETS	8,187,454	199,736
LIABILITIES		
Accounts Payable	97,350	6,158
Suppliers Payable - Note 8	1,336,595	-
Impact Fund - Note 8	1,321,068	-
Other Current Liabilities	33,397	-
Payable to Water Resource Board	203,291	-
Interest Payable	-	-
Rental Pool Deposits - Future Ag Rentals	-	-
Rental Pool Deposit - Recharge	145,473	-
Deferred Assessments	-	-
Due to Other Funds - Note 9	177,637	6,770
Long-Term Liabilities - Note 6:		
Due Within One Year	-	-
Due in More Than One Year	-	-
TOTAL LIABILITIES	3,314,811	12,928
NET ASSETS		
Invested in Capital Assets, net of related debt	51,988	-
Restricted for:		
Other Purposes	-	-
Unrestricted - Note 13	4,820,655	186,808
TOTAL NET ASSETS	$ 4,872,643	$ 186,808

See accompanying notes to the financial statements.

WATER DISTRICT 1

Statement of Activities
For the Year Ended October 31, 2006

Functions / Programs	Expenses	Program Revenues Charges for Services	Net (Expense) Revenue and Changes in Net Assets: Primary Government Business-Type Activities	Net (Expense) Revenue and Changes in Net Assets: Component Units
Primary Government:				
Business-Type Activities:				
Water Assessments	$ 852,247	$ 888,292	$ 36,045	
Water Rental & Administration	2,196,133	2,271,453	75,320	
Streamgaging	235,635	113,788	(121,847)	
Adjudication	29,102	35,746	6,644	
Recharge	6,869	6,869	-	
Total Business-Type Activities	$ 3,319,986	$ 3,316,148	(3,838)	
Component Units:				
Northern Water Measurement Dist.	$ 29,187	$ 324		$ (28,863)
Eastern Water Measurement Dist.	22,455	18,715		(3,740)
Blackfoot River Irrigation Dist. 27	23,009	27,826		4,817
Water District 120	31,886	78,829		46,943
Water District 110	14,260	28,167		13,907
Total Component Units	$ 120,797	$ 153,861		$ 33,064
		General Revenues		
		Investment Earnings	270,507	3,360
		Miscellaneous	17,238	312
		Total General Revenues	287,745	3,672
		Change in Net Assets	283,907	36,736
		Net Assets-Beginning	4,588,736	150,072
		Net Assets-Ending	$ 4,872,643	$ 186,808

See accompanying notes to the financial statements.

WATER DISTRICT 1

Statement of Net Assets
Proprietary Funds
October 31, 2006

	Business-Type Activities		
	Water District Operating Fund	Rental Pool Fund	Totals
ASSETS			
Cash and Investments - Note 2	$ 4,663,702	$ -	$ 4,663,702
Receivables:			
Assessments (net) - Note 4	59,421	-	59,421
Rentals - Note 8	-	9,661	9,661
Funds Held by IDWR - Note 7	29,897	-	29,897
Due from Other Funds - Note 9	177,637	-	177,637
Due from Component Units - Note 9	6,770	-	6,770
Inventory - Note 1	13,975	-	13,975
Restricted Assets - Note 3:			
Cash	-	3,174,403	3,174,403
Capital Assets - Note 5:			
Land	-	-	-
Other Capital Assets, Net of Depreciation	51,988	-	51,988
Other Assets			-
TOTAL ASSETS	5,003,390	3,184,064	8,187,454
LIABILITIES			
Accounts Payable	97,350	-	97,350
Suppliers Payable - Note 8	-	1,336,595	1,336,595
Impact Fund - Note 8	-	1,321,068	1,321,068
Other Current Liabilities	33,397	-	33,397
Payable to Water Resource Board	-	203,291	203,291
Interest Payable	-	-	-
Rental Pool Deposits - Future Ag Rentals	-	-	-
Rental Pool Deposit - Recharge	-	145,473	145,473
Deferred Assessments	-	-	-
Due to Other Funds - Note 9	-	177,637	177,637
Long-Term Liabilities - Note 6:			-
Due Within One Year	-	-	-
Due in More Than One Year	-	-	-
TOTAL LIABILITIES	130,747	3,184,064	3,314,811
NET ASSETS			
Invested in Capital Assets, net of related debt	51,988	-	51,988
Restricted for:			
Other Purposes	-	-	-
Unrestricted - Note 13	4,820,655	-	4,820,655
TOTAL NET ASSETS	$ 4,872,643	$ -	$ 4,872,643

See accompanying notes to the financial statements.

WATER DISTRICT 1

Statement of Revenues, Expenses and
Changes in Fund Net Assets
Proprietary Funds
Year Ended October 31, 2006

	Business-Type Activities Enterprise Funds		
	Water District Operating Fund	Rental Pool Fund	Totals
OPERATING REVENUES			
Water Assessments	$ 888,292	$ -	$ 888,292
Water Rental	-	2,271,453	2,271,453
Recharge	-	6,869	6,869
Streamgaging	113,788	-	113,788
IDWR Contract	35,746	-	35,746
Measurement Districts	5,455	-	5,455
Rental Administration	168,305	-	168,305
Miscellaneous	11,783	-	11,783
TOTAL OPERATING REVENUES	1,223,369	2,278,322	3,501,691
OPERATING EXPENSES			
Cloud Seeding	-	-	-
Committee	21,560	-	21,560
Computer Program Tech	10,200	-	10,200
Consultants & Attorneys	97,998	-	97,998
Data Collection Platforms Maintenance	40,988	-	40,988
Department of Water Resources	457,133	-	457,133
Depreciation	8,535	-	8,535
Equipment Expenses	2,603	-	2,603
Idaho Water Users Association	500	-	500
Internship	2,360	-	2,360
Interest Allocated to Impact Fund	-	92,985	92,985
Meetings	4,832	-	4,832
Office	2,999	-	2,999
Payroll & Related Expenses	129,274	-	129,274
Postage	4,000	-	4,000
Audit Fees	7,960	-	7,960
Adjudication Expense	29,102	-	29,102
Bad Debt	2,400	768	3,168
Recharge Expense	-	6,869	6,869
Rental Pool Supplier Expense	-	1,909,422	1,909,422
Streamgaging	235,635	-	235,635
Travel	7,130	-	7,130
Treasurer	1,800	-	1,800
Upper Valley Expense	48,033	-	48,033
Water District 1	-	168,305	168,305
Water Resource Board	-	192,958	192,958
Water Safety Program	1,942	-	1,942
TOTAL OPERATING EXPENSES	1,116,984	2,371,307	3,488,291
OPERATING INCOME (LOSS)	106,385	(92,985)	13,400
NON-OPERATING REVENUES (EXPENSES)			
Interest income	177,522	92,985	270,507
Other revenue (expense)	-	-	-
TOTAL NON-OPERATING REV (EXP)	177,522	92,985	270,507
INCOME/(LOSS) BEFORE TRANSFERS	283,907	-	283,907
TRANSFERS IN (OUT)	-	-	-
CHANGE IN NET ASSETS	283,907	-	283,907
NET ASSETS - BEGINNING OF YEAR	4,588,736	-	4,588,736
NET ASSETS - END OF YEAR	$ 4,872,643	$ -	$ 4,872,643

See accompanying notes to the financial statements.

WATER DISTRICT 1

Statement of Cash Flows
Proprietary Funds
For the Year Ended October 31, 2006

	Business-Type Activities Enterprise Funds		
	Water District Operating Fund	Rental Pool Fund	Totals
CASH FLOWS FROM OPERATING ACTIVITIES			
Receipts from Customers and Users	$ 1,107,421	$ 2,285,051	$ 3,392,472
Payments to Suppliers/Contractors	(1,002,984)	(1,817,971)	(2,820,955)
Payments to Employees	(108,855)	-	(108,855)
Payments for Interfund Services	33,488	(33,488)	-
Other Receipts/(Payments)	326	-	326
NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES	29,396	433,592	462,988
CASH FLOWS FROM NON-CAPITAL AND RELATED FINANCING ACTIVITIES			
Transfers (to)/from Other Funds	-	-	-
NET CASH PROVIDED (USED) BY NON-CAPITAL AND RELATED FINANCING ACTIVITIES	-	-	-
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES			
Payments to Component Units	-	-	-
(Acquisition)/Disposal of Capital Assets	(29,576)	-	(29,576)
NET CASH PROVIDED (USED) BY CAPITAL AND RELATED FINANCING ACTIVITIES	(29,576)	-	(29,576)
CASH FLOWS FROM INVESTING ACTIVITIES			
Interest Received on Investments	177,522	92,985	270,507
NET CASH PROVIDED BY INVESTING ACTIVITIES	177,522	92,985	270,507
NET INCREASE (DECREASE) IN CASH	177,342	526,577	703,919
Cash at Beginning of Year (including $2,647,826 held in restricted accounts for the Rental Pool Fund)	4,486,360	2,647,826	7,134,186
Cash at End of Year (including $3,174,403 held in restricted accounts for the Rental Pool Fund)	$ 4,663,702	$ 3,174,403	$ 7,838,105
Reconciliation of Operating Income (Loss) to Net Cash Provided (Used) by Operating Activities:			
Operating Income (Loss)	$ 106,385	$ (92,985)	$ 13,400
Depreciation	8,535	-	8,535
(Increase) Decrease in Assessments/Rents Receivable	31,371	7,497	38,868
(Increase) Decrease in Inventory/Other Current Assets	(101,770)	-	(101,770)
Increase (Decrease) in Accounts Payable	(38,544)	-	(38,544)
Increase (Decrease) in Suppliers Payable	-	(17,964)	(17,964)
Increase (Decrease) in Impact Fund	-	617,643	617,643
Increase (Decrease) in Other Current Liabilities	23,419	(52,949)	(29,530)
Increase (Decrease) in Payable to Water Resource Board	-	(27,650)	(27,650)
NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES	$ 29,396	$ 433,592	$ 462,988

See accompanying notes to the financial statements.

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

REPORTING ENTITY

Water Districts were established in 1903 by the Idaho Legislature with the duty of directing and controlling the distributions of water within each District assigned to the State Reclamation Engineer (later changed to the Idaho Department of Water Resources). The Upper Snake River drainage was designated as District 1. The Idaho Code was amended in 1986 to clarify the status of the Districts in that each shall be "considered an instrumentality of the State of Idaho".

In 1919, a group of nine water users from District 1 met with the State Reclamation Engineer to request the creation of a permanent Watermaster system. This group became known as the Committee of Nine and represented the collective interests of the various members of the District. The primary purpose of the Committee was to assure that proper distributions of available water supplies were made.

Beginning in 1979, the Committee of Nine could assist in the marketing of stored water from Water Banks as authorized by the Water Resource Board. Water Banks are a system which allows owners of water a means of "renting" amounts surplus to their needs to others without violating various requirements of Idaho Code.

The District is governed by the Director of the Department of Water Resources who appoints the Watermaster, who is elected by the members of the District. The District meets annually, at which time the members elect a Watermaster, adopt various resolutions governing the activities of the District and Water Supply Bank and elect the local advisory committee members known as the Committee of Nine. The Committee of Nine is responsible for assisting the Water Resource Board in the operations of the Water Supply Bank and to advise the Watermaster on the general operations of the District.

Water District 1 is responsible to the Director of the Department of Water Resources and water right holders of the District to make proper distribution of available water supplies within the District as appropriated.

In evaluating how to define the Water District for financial reporting purposes, management has considered all potential component units. The decision to include a potential component unit in the reporting entity was made by applying the criteria set forth in Generally Accepted Accounting Principles. The basic, but not the only, criterion for including a potential component unit within the reporting entity is the governing body's ability to exercise oversight responsibility. The most significant manifestation of this ability is financial interdependency. Other manifestations of the ability to exercise oversight responsibility include, but are not limited to, the selection of governing authority, the designation of management, the ability to significantly influence operations and accountability for fiscal matters. The other criterion used to evaluate potential component units for inclusion or exclusion from the reporting entity is the existence of special financing relationships, regardless of whether the Water District is able to exercise oversight responsibilities.

Based upon the application of these criteria, the following are the component units included in the financial statement presentation of Water District 1:

Northern Water Measurement District. This component unit was legally organized by Idaho Statute to measure water usage of ground water and surface water users not measured by a water district within the measurement district's boundaries.

Eastern Water Measurement District. This component unit was legally organized by Idaho Statute to measure water usage of ground water and surface water users not measured by a water district within the measurement district's boundaries.

Blackfoot River Irrigation District 27, Water District 120 and Water District 110. These are instrumentalities of the state of Idaho. They were created for the purpose of distributing available water among those holding water rights within the District. These water districts have the same legal standing as Water District 1.

GOVERNMENT-WIDE FINANCIAL STATEMENTS

The government-wide financial statements, which are the statement of net assets and the statement of activities, report information on all of the nonfiduciary activities of the primary government. Water District 1 reports only business-type activities, which rely to a significant extent on fees and charges for support, and has no governmental or fiduciary activities.

The statement of net assets presents the financial condition of the business-type activities for the District at year-end. The statement of activities presents a comparison between direct expenses and program revenues for each program or function of the District's business-type activities. The statement of activities demonstrates the degree to which the direct expenses of a given function or segment are offset by program revenues. Direct expenses are those that are clearly identifiable with a specific function or segment. Program revenues include 1) charges to customers or applicants who purchase, use, or directly benefit from goods, services, or privileges provided by a given function or segment and 2) grants and contributions that are restricted to meeting the operational or capital requirements of a particular function or segment. Other items not properly included among program revenues are reported instead as general revenues.

FUND FINANCIAL STATEMENTS

Separate financial statements are provided for the different funds maintained by the District. Individual "major" funds are reported as separate columns in the fund financial statements.

MEASUREMENT FOCUS, BASIS OF ACCOUNTING, AND
FINANCIAL STATEMENT PRESENTATION

The government-wide financial statements and the proprietary funds are reported using the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met.

The District reports the following major proprietary funds:

The Water District Operating Fund. It accounts for the general operations of the District.

The Rental Pool Fund. It accounts for the renting of surplus water within the District.

Amounts reported as program revenues include charges to customers for goods and services, operating grants and contributions, and capital grants and contributions.

Proprietary funds distinguish operating revenues and expenses from nonoperating items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with a proprietary fund's principal ongoing operations. The principal operating revenues of the proprietary funds are charges to customers for sales and services. Operating expenses for enterprise funds include the cost of sales and services, administrative expenses, and depreciation on capital assets. All revenues and expenses not meeting this definition are reported as nonoperating revenues and expenses.

BUDGETS

The District adopts a budget for the Operating Fund at the annual meeting. The budget is prepared on a basis generally consistent with generally accepted accounting principles, except that expenses for capital acquisitions are budgeted. The reported operating expense amounts exclude actual capital acquisitions since they are capitalized and depreciated.

CASH AND CASH EQUIVALENTS

Cash and cash equivalents are identified as cash and short-term, highly liquid investments. Cash and cash equivalents for the District include cash in checking and savings accounts, investments in the Idaho State Treasurer's Pool, and investments in highly liquid accounts with Merrill Lynch.

INVENTORY

Inventories are valued at cost. The purchase method is used to account for inventories. Under the purchase method, inventories are recorded as expenditures when purchased; however, material amounts of inventories are reported as an asset at year end.

CAPITAL ASSETS

Capital assets, which include property and equipment, are recorded at cost. Depreciation is provided using the straight-line method over the estimated useful life of the asset, which is five to ten years for assets of the District. Depreciation of fixed assets is charged as an expense against operations. Capital assets are reported net of accumulated depreciation on the statement of net assets. When an asset is disposed of, cost and related accumulated depreciation are removed from the Districts financial statements, and any gain or loss arising from the asset's disposal is credited or charged to operations. The cost of normal maintenance and repairs that do not add to the value of the asset or materially extend the asset's life are not capitalized.

ACCUMULATED UNPAID VACATION, SICK PAY, AND
OTHER EMPLOYEE BENEFIT AMOUNTS

Accumulated unpaid vacation, sick pay, and other employee benefits have not been accrued in the financial statements. The amount of the liability is not considered material to the financial statements.

USE OF ESTIMATES

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the reporting period. Actual results could differ from those estimates.

POLICY FOR USE OF RESTRICTED AND UNRESTRICTED RESOURCES
The District's policy is to first apply unrestricted resources when an expense is incurred for purposes for which both restricted and unrestricted net assets are available.

NOTE 2: DEPOSITS AND INVESTMENTS

Deposits: Custodial credit risk, in the case of deposits, is the risk that in the event of a bank failure, the District's deposits may not be returned to it. The District has no deposit policy for custodial credit risk. At year end, none of the District's bank deposits were exposed to custodial credit risk due to being uninsured and uncollateralized.

Investments: Custodial credit risk, in the case of investments, is the risk that in the event of the failure of the counterparty, the District will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. At year end, the District held the following investments:

Investment Type	Fair Value	Weighted Avg Maturity (years)
Idaho State Local Government Investment Pool	$ 5,241,060	0.2
Idaho State Diversified Bond Fund	1,045,015	2.1
Merrill Lynch-CD's & Equivalents	872,583	1.8
Merrill Lynch-Federal Nat'l Mtge Assoc	196,937	7.9

The Idaho State Investment Pool and Diversified Bond Fund investments are unrated external investment pools sponsored by the Idaho State Treasurer's Office. They are classified as "Investments in an External Investment Pool" and are exempt from custodial credit risk and concentration of credit risk reporting. Interest rate risk is summarized as follows: Asset-backed securities are reported using weighted average life to more accurately reflect the projected term of the security, considering interest rates and repayment factors.

The elected Idaho State Treasurer, following Idaho Code, Section 67-2328, is authorized to sponsor an investment pool in which the District voluntarily participates. The Pool is not registered with the Securities and Exchange Commission or any other regulatory body - oversight is with the State Treasurer, and Idaho Code defines allowable investments. All investments are entirely insured or collateralized with securities held by the Pool or by its agent in the Pool's name.

The entire amount of the Merrill Lynch investment balances are subject to custodial credit risk because the related securities are uninsured, unregistered and held by a third party which is the counterparty for these particular investments.

Credit Risk: The District's policy is to comply with Idaho State statutes which authorize the District to invest in obligations of the United States, obligations of the State or any taxing district in the State, obligations issued by the Farm Credit System, obligations of public corporations of the State of Idaho, repurchase agreements, tax anticipation notes of the State or taxing district in the State, time deposits, savings deposits, revenue bonds of institutions of higher education, and the State Treasurer's Pool and Diversified Bond Fund.

NOTE 3: RESTRICTED CASH AND CASH EQUIVALENTS

Restricted cash and cash equivalents in the Rental Pool Fund of $3,174,403 are funds held for the payment of Rental Pool suppliers and administrative costs.

NOTE 4: ASSESSMENTS RECEIVABLE

Assessments are billed at the end of the water year in the spring. Assessments receivable are reported net of the following allowance for uncollectible accounts:

	Total Receivable	Allowance	Net Assess. Receivable
Water District 1	$ 61,821	$ (2,400)	$ 59,421
Northern Water Measurement Dist	-	-	-
Eastern Water Measurement Dist	2,321	(2,150)	171
Blackfoot River Irrig District 27	5,678	-	5,678
Water District 120	10,298	(450)	9,848
Water District 110	1,865	-	1,865

NOTE 5: CAPITAL ASSETS

A summary of changes in capital assets is as follows:

	Balance 10/31/2005	Addition	Deletion	Balance 10/31/2006
Business-Type Activities				
Furniture & Equipment	$ 86,204	$ 29,576	$ -	$ 115,780
Other	-	-	-	-
	86,204	29,576	-	115,780
Accumulated Depreciation:				
Furniture & Equipment	(55,257)	(8,535)	-	(63,792)
Other	-	-	-	-
	(55,257)	(8,535)	-	(63,792)
Net Book Value:				
Furniture & Equipment	30,947	21,041	-	51,988
Other	-	-	-	-
	$ 30,947	$ 21,041	$ -	$ 51,988

NOTE 6: LONG-TERM LIABILITIES

The District had no long-term liabilities as of October 31, 2006.

NOTE 7: FUNDS HELD BY IDWR

The Department of Water Resources provides the District with office space, administrative support and personnel. The District pays the Department for these services monthly in advance based on an estimate of the costs and balance of prior advance payments, as per the most recent memorandum dated March 4, 1993 between the District and the Department of Water Resources. The balance of funds held by the Department represents funds to be applied in future periods.

NOTE 8: RENTALS RECEIVABLE, SUPPLIERS PAYABLE AND IMPACT FUND

All water deliveries of the District are accounted for as being either a fulfillment of a water right or as a rental of stored water. Rentals receivable represents water delivered to users in excess of their water rights, which has not been paid for by users at year end. Suppliers payable represents the amount due to suppliers for stored water that has been rented during the year. Impact fund represents the amount of the water rentals received required by the rental pool rules to be held by the Rental Pool Fund to compensate spaceholders impacted by water rental.

NOTE 9: INTERFUND RECEIVABLES AND PAYABLES

Interfund receivables and payables as of October 31, 2006 were as follows:

	Receivable	Payable
Operating Fund	$ 184,407	$ -
Rental Pool Fund	-	177,637
Component Units:		
Northern Water Measurement District	-	-
Eastern Water Measurement District	-	719
Blackfoot River Irrigation District 27	-	2,399
Water District 120		3,323
Water District 110	-	329
	$ 184,407	$ 184,407

NOTE 10: LITIGATION, CONTINGENT LIABILITIES AND COMMITMENTS

The District, through legal council, monitors administrative and legal proceedings in which the National Marine Fisheries Service (NMFS), the U.S. Bureau of Reclamation (USBR), and other interests seek Idaho water for flow augmentation for threatened and endangered salmon and steelhead, listed pursuant to the Federal Endangered Species Act (ESA). Actions by these entities could have an impact on the District.

The District is not aware of any pending or threatened litigation against the District as of October 31, 2006.

NOTE 11: RISK MANAGEMENT/INSURANCE COVERAGE

The District is subject to various risks of loss related to tort claims; theft, damage to and destruction of assets; errors and omissions; injuries to employees; and natural disasters. The District has purchased Workmans Compensation insurance through the State Insurance Fund. The Treasurer is bonded for errors and omissions. As an instrumentality of the State of Idaho, other risks of loss are covered by the State's liability insurance policy.

NOTE 12: RETIREMENT PLAN

The District participates in the Public Employee Retirement System of Idaho (PERSI), a cost sharing multiple-employer public retirement system that was created by the Idaho State Legislature. It is a defined benefit plan requiring that both the member and the employer contribute. The plan provides benefits based on member's years of service, age, and compensation. In addition, benefits are provided for disability, death, and survivors of eligible members or beneficiaries. The authority to establish and amend benefit provisions is established in Idaho Code. Designed as a mandatory system for eligible state and school district employees, the legislation provided for other political subdivisions to participate by contractual agreement with PERSI. Financial reports for the plan are available from PERSI upon request.

After five years of credited service, members become fully vested in retirement benefits earned to date. Members are eligible for retirement benefits upon attainment of the ages specified for their employment classification. For each month of credited service, the annual service retirement allowance is 2.0% of the average monthly salary for the highest consecutive 42 months.

The contribution requirements of the District and its employees are established and may be amended by the PERSI Board of Trustees. For the year ended October 31, 2006, the required contribution rates, as determined by PERSI are as follows:

	Employer	Employee
General Member	10.39%	6.23%

Contributions required and paid were as follows for the fiscal years ended October 31:

	2006	2005	2004
Water District 1	$ 2,313	$ 3,699	$ 6,800
Northern Water Measurement District	315	517	342
Eastern Water Measurement District	231	176	284
Blackfoot River Irrigation District 27	290	489	411
Water District 120	335	430	191
Water District 110	124	-	-

NOTE 13: UNRESTRICTED NET ASSETS - COMMITTEE DESIGNATIONS

The Committee has designated $100,000 in the Water District Operating Fund for rental pool payment disputes which are deemed the responsibility of the District.

NOTE 14: PRIOR PERIOD ADJUSTMENT

A prior period adjustment was made to Blackfoot River Irrigation District 27 in order to adjust for USBIA assessments received in the current year that should have been accrued as revenue in the prior year. The result was an increase in beginning net assets of $5,304.

WATER DISTRICT 1

Combining Statement of Net Assets
Component Units
October 31, 2006

	Component Units					
	Northern Water Measurement District	Eastern Water Measurement District	Blackfoot River Irrigation District 27	Water District 120	Water District 110	Totals
ASSETS						
Cash and Investments	$ 3,156	$ 28,315	$ 13,163	$ 106,304	$ 26,859	$ 177,797
Receivables:	-	-	-	-	-	
Assessments	-	171	5,678	9,848	1,865	17,562
Other Assets	-	1,263	-	2,902	212	4,377
TOTAL ASSETS	3,156	29,749	18,841	119,054	28,936	199,736
LIABILITIES						
Accounts Payable	-	1,500	432	3,400	826	6,158
Other Current Liabilities	-	-	-	-	-	-
Deferred Assessments	-	-	-	-	-	-
Due to Other Funds	-	719	2,399	3,323	329	6,770
Other Liabilities	-	-	-	-	-	-
TOTAL LIABILITIES	-	2,219	2,831	6,723	1,155	12,928
NET ASSETS						
Unrestricted	3,156	27,530	16,010	112,331	27,781	186,808
TOTAL NET ASSETS	$ 3,156	$ 27,530	$ 16,010	$ 112,331	$ 27,781	$ 186,808

See accompanying notes to the financial statements.

WATER DISTRICT 1

Combining Statement of Revenues, Expenses and
Changes in Fund Net Assets
Component Units
Year Ended October 31, 2006

	Component Units					
	Northern Water Measurement District	Eastern Water Measurement District	Blackfoot River Irrigation District 27	Water District 120	Water District 110	Totals
OPERATING REVENUES						
Water Assessments	$ 324	$ 18,715	$ 11,059	$ 78,829	$ 28,167	$ 137,094
USBIA	-	-	16,767	-	-	16,767
Miscellaneous	26	155	-	94	37	312
TOTAL OPERATING REVENUES	350	18,870	27,826	78,923	28,204	154,173
OPERATING EXPENSES						
Committee	-	450	-	-	-	450
Equipment Expenses	-	-	-	-	-	-
Meetings	28	10	-	204	-	242
Office Expenses	374	60	-	129	194	757
Payroll & Related Expenses	28,755	19,481	19,140	31,103	14,066	112,545
Postage	-	-	-	-	-	-
Transaction Charges	-	-	-	-	-	-
Travel	-	4	3,869	-	-	3,873
Bad Debt	-	2,150	-	450	-	2,600
Other Operating Expenses	30	300	-	-	-	330
TOTAL OPERATING EXPENSES	29,187	22,455	23,009	31,886	14,260	120,797
OPERATING INCOME (LOSS)	(28,837)	(3,585)	4,817	47,037	13,944	33,376
NON-OPERATING REVENUES (EXPENSES)						
Interest income	493	1,010	-	1,820	37	3,360
Other revenue (expense)	-	-	-	-	-	-
TOTAL NON-OPERATING REV (EXP)	493	1,010	-	1,820	37	3,360
INCOME/(LOSS) BEFORE TRANSFERS	(28,344)	(2,575)	4,817	48,857	13,981	36,736
OPERATING TRANSFERS IN (OUT)	(13,800)	-	-	-	13,800	-
CHANGE IN NET ASSETS	(42,144)	(2,575)	4,817	48,857	27,781	36,736
NET ASSETS - BEGINNING OF YEAR	45,300	30,105	11,193	63,474	-	150,072
NET ASSETS - END OF YEAR	$ 3,156	$ 27,530	$ 16,010	$ 112,331	$ 27,781	$ 186,808

See accompanying notes to the financial statements.

WATER DISTRICT 1

Statement of Expenditures
Budget to Actual
Year Ended October 31, 2006

	Budget	Actual	Variance Favorable (Unfavorable)
HYDROGRAPHERS/RIVER RIDERS			
Teton Basin	$ 19,000	$ 16,397	2,603
Idaho Falls	2,000	1,600	400
Lower Valley	3,500	2,730	770
Henry's Fork	8,100	7,305	795
Teton River	8,100	5,049	3,051
Rigby/Idaho Falls	4,500	4,013	487
Heise	4,000	3,739	261
Blackfoot	11,000	4,773	6,227
Swan Valley	5,400	3,090	2,310
Upper Falls	1,500	2,209	(709)
Willow Creek	3,920	3,636	284
Idaho Falls River Rider	1,200	868	332
Milner	440	436	4
	72,660	55,845	16,815
PROGRAM EXPENSES			
Automation	25,000	7,238	17,762
Measurement Equipment	20,000	29,576	(9,576)
Hydromet O&M	50,000	33,750	16,250
Computer Program Tech Assistant	15,000	10,200	4,800
Streamgaging	235,321	235,635	(314)
Streamgaging Contingency Fund	25,000	-	25,000
Cloud Seeding	-	-	-
Adjudication	65,000	29,102	35,898
Legislative Internship	3,000	2,360	640
Groundwater Recharge	25,000	-	25,000
	463,321	347,861	115,460
EQUIPMENT EXPENSES			
Computer/Office Equipment/Depreciation	10,000	9,319	681
Telephone	800	786	14
	10,800	10,105	695
PERSONNEL EXPENSES			
Retirement	6,600	2,313	4,287
Social Security	5,600	3,182	2,418
Mileage	38,800	36,377	2,423
Bonuses	-	20,000	(20,000)
State Insurance Fund	4,833	10,330	(5,497)
Unemployment Insurance	1,000	658	342
Misc. Hydrographer Expenses	1,500	316	1,184
Misc. Personnel Expenses	260	253	7
Treasurer	2,500	1,800	700
	61,093	75,229	(14,136)

WATER DISTRICT 1

Statement of Expenditures
Budget to Actual
Year Ended October 31, 2006

	Budget	Actual	Variance Favorable (Unfavorable)
MISCELLANEOUS EXPENSES			
Water Education	2,105	1,030	1,075
Otto Otter	1,200	912	288
IWUA	500	500	-
Postage	4,000	4,000	-
Supplies	2,500	3,724	(1,224)
Bank Charges	400	308	92
Audit	7,950	7,960	(10)
Meetings	6,500	4,832	1,668
Bad Debt	-	2,400	(2,400)
	25,155	25,666	(511)
WATERMASTER			
IDWR Contract	525,000	457,133	67,867
Annual Book	4,000	-	4,000
Travel	7,500	7,130	370
Water Measurement District North	8,883	29,187	(20,304)
Water Measurement District East	8,883	22,455	(13,572)
Water District 27	27,945	23,009	4,936
Water District 120	14,500	31,886	(17,386)
Water District 110	-	14,260	(14,260)
	596,711	585,060	11,651
TOTAL OPERATING EXPENSES	1,229,740	1,099,766	129,974
COMMITTEE OF NINE			
Attorneys & Consultants	315,000	97,998	217,002
Committee of Nine Travel	27,500	21,560	5,940
Excess Use	100,000	-	100,000
	442,500	119,558	322,942
LEGAL - UPPER VALLEY	100,000	48,033	51,967
TOTAL BUDGET	1,772,240	1,267,357	504,883

Evans & Poulsen P.A.

Certified Public Accountants

Members of the American Institute of CPA's
and the Idaho Society of CPA's
Edward G. Evans, CPA
Jeffrey D. Poulsen, CPA

REPORT ON COMPLIANCE AND ON INTERNAL CONTROL OVER FINANCIAL REPORTING BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS*

Department of Water Resources
Water District 1
Idaho Falls, Idaho

We have audited the financial statements of the business-type activities, the aggregate discretely presented component units and each major fund of Water District 1 as of and for the year ended October 31, 2006, which collectively comprise Water District 1's basic financial statements and have issued our report thereon dated February 16, 2007. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards,* issued by the Comptroller General of the United States.

Compliance

As part of obtaining reasonable assurance about whether Water District 1's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grants, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance that are required to be reported under *Government Auditing Standards.*

Internal Control Over Financial Reporting

In planning and performing our audit, we considered Water District 1's internal control over financial reporting in order to determine our auditing procedures for the purpose of expressing our opinions on the financial statements and not to provide assurance on the internal control over financial reporting. Our consideration of the internal control over financial reporting would not necessarily disclose all matters in the internal control over financial reporting that might be material weaknesses. A material weakness is a condition in which the design or operation of one or more of the internal control components does not reduce to a relatively low level the risk that misstatements in amounts that would be material in relation to the financial statements being audited may occur and not be detected within a timely period by employees in the normal course of performing their assigned functions. We noted no matters involving the internal control over financial reporting and its operation that we consider to be material weaknesses.

This report is intended for the information and use of management, others within the organization, the Committee of Nine and subcommittees thereof, and the Idaho Department of Water Resources, and is not intended to be and should not be used by anyone other than these specified parties.

Evans & Poulsen

EVANS & POULSEN, PA

February 16, 2007

1360 Albion Avenue • Burley, Idaho 83318 • (208) 678-1300 • Fax (208) 678-1301 • evanscpa@pmt.org

PROPOSED WATER DISTRICT 1 2007 RESOLUTIONS

1. WATERMASTER

BE IT RESOLVED that it shall be the duty of the watermaster of Water District 1 to distribute the waters of the public stream, streams or water supply, comprising said district, among the several ditches taking water therefrom, according to the prior rights of each respectively, in whole or in part, and to shut and fasten, or to cause to be shut or fastened, under the direction of the Department of Water Resources, the headgates of the ditches or other facilities for diversion of water from such stream, streams or water supply, when times of scarcity of water is necessary so to do in order to supply the prior rights of others in such stream, streams or water supply, as required by Idaho Code § 42-607;

That the watermaster shall use reasonable technology available to accurately distribute available storage and natural flow supplies in the order of the appropriate priority without partiality, and will use his available resources to assure that no water user or group of water users gain an advantage not provided by their legal rights to, or position on, water supply; that the watermaster maintain accurate records of water delivered to each water user;

That the watermaster shall accurately allocate the estimated expenses of delivering water of the district to each ditch, canal company, irrigation district or other water user as provided by law, and that he shall prepare the Annual Watermaster's Report required by Idaho Code § 42-606 and a proposed budget for the succeeding years required by Idaho Code § 42-615; and

That the watermaster shall investigate ways to expand and maintain automation where it can effectively improve management, reduce personnel costs, travel costs, or result in cost or water savings for Snake River water users, or assure better and more current data and

That the watermaster of Water District 1 is hereby designated manager of the Rental Pool for the Committee of Nine

2. TREASURER

BE IT RESOLVED that the duly elected treasurer of Water District 1 shall keep a complete, accurate and permanent record of all monies received by and disbursed for and on behalf of the district or the Advisory Committee. The water district treasurer shall deposit all monies of the district and Advisory Committee in a designated depository approved at the annual meeting and shall comply with the public depository law as contained in chapter 1, Title 57, Idaho Code;

That the water district treasurer of Water District 1 shall have the right to collect any charges due and unpaid, by civil action, said action to be brought in any court

of competent jurisdiction, in the name of the water district treasurer to whom such charges are payable, and in addition to the amount found due, together with interest and costs, may also recover such sum as the court may adjudge reasonable as attorney fees in said action;

That the water district treasurer shall only disburse monies from the water district account upon submission of a written voucher approved by the watermaster for expenses incurred for water district purposes related to the delivery of water or by voucher approved by the Chairman of the Advisory Committee for activities pursuant to resolutions adopted by the water users from district funds or funds retained pursuant to Idaho § 42-613A, Idaho Code;

That the water district treasurer shall prepare a statement of the financial affairs of the district at the end of each fiscal year and shall file the statement with the Director of the Department of Water Resources; and

That before undertaking the duties of the office, the water district treasurer shall take and subscribe to an oath before an officer authorized by the laws of the state to administer oaths, to faithfully perform the duties of the office, and shall file the oath with the Director of the Department of Water Resources.

In the discharge of the above duties of the treasurer, he may seek staff assistance as needed.

3. ELECTION OF WATERMASTER AND TREASURER

BE IT RESOLVED:

A. Watermaster. That Lyle Swank be elected Watermaster, and be authorized to hire a full-time staff of a deputy, two assistants, a financial specialist, a data specialist, and such other assistants as provided by the adopted budget. The watermaster may hire additional assistants as authorized in Idaho Code § 42-609, in an emergency. The watermaster shall serve for a term of one year and upon a determination of necessity therefor, an extension of that term as provided by the Director of the Department of Water Resources for a period of time determined necessary by the Director. A certified copy of the minutes containing this Resolution and the oath of the watermaster shall be sent to the Department of Water Resources

B. Treasurer. That Dale Rockwood is hereby elected Water District 1 Treasurer, who shall serve until a successor is elected or appointed, and qualified. The treasurer's compensation shall be set by the Committee of Nine, but not to exceed the sum of $4,000.00 per year as provided in the 2007 Water District 1 budget.

4. COOPERATIVE PROGRAM

BE IT RESOLVED that the water users of Water District 1 continue the cooperative program with the Idaho Department of Water Resources (IDWR) as outlined in the Memorandum of Understanding dated March 2, 1993, previously approved by the Committee of Nine, and signed by the chairman of the Committee of Nine and the director of the Department of Water Resources, a copy of which is attached hereto as exhibit A and made a part hereof as if set out at length herein.

5. BUDGET

WHEREAS, the water users of Water District 1 meeting in regular annual session find it necessary to confirm the continuation of the following "on-going" resolutions which direct the watermaster and the treasurer of the district in certain aspects of Water District 1 operations;

NOW, THEREFORE, BE IT RESOLVED that the budget of Water District 1 adopted at the annual meeting shall become the basis for the aggregate amount to be collected from all water users in the district for the succeeding year, using the actual deliveries for the past irrigation season or seasons as the basis for the allocation of said expenses to the individual water users, canal companies, and irrigation districts, which shall constitute a final determination of the amount due for that year without the need to carry forward any water user debits or credits to the following year, and to collect or cause to be collected said amounts billed;

That the treasurer shall establish and maintain a general account and shall cause all monies received to be deposited and shall make all disbursements as necessary to conduct the business of the water district;

That no ditch, canal company, or other water users shall have the right to demand and receive water, and the watermaster shall not deliver to such person until receipt of the amount due and payable from such user, and

That copies of the minutes of the annual meeting, the approved budget, and related resolutions, shall be filed with the director of the Department of Water Resources and with the county auditors of Bonneville, Madison, Teton, and Fremont Counties in accordance with Idaho Code §42-612 and 42-617.

The budget for Water District 1 for the 2007 year beginning November 1, 2006 be as follows:

WATER DISTRICT 1 2007 BUDGET

	2006 BUDGET	2006 SPENT	2007 PROP BUDG
EXPENSES			
HYDROGRAPHERS/RIVER RIDERS			
BONUSES		20,000	
TETON BASIN	19,000	16,397	19,000
IDAHO FALLS	2,000	1,600	2,000
LOWER VALLEY	3,500	2,729	3,500
HENRYS FORK	8,100	7,305	8,500
TETON RIVER	8,100	5,049	8,500
RIGBY/IDAHO FALLS	4,500	4,013	4,800
HEISE	4,000	3,739	4,200
BLACKFOOT	11,000	4,773	11,000
SWAN VALLEY	5,400	3,090	5,400
UPPER FALLS	1,500	2,210	2,500
WILLOW CRK	3,920	3,636	4,100
IDAHO FALLS RIVER RIDER	1,200	868	1,200
MILNER	440	436	500
TOTAL	**72,660**	**75,845**	**75,200**
PROGRAM EXPENSES			
AUTOMATION	25,000	7.238	30,000
MEASUREMENT EQUIPMENT	20,000	1.032	20,000
HYDROMET O & M	50,000	33,750	50,000
COMPUTER PROGRAM TECH ASST	15,000	10,200	15,(
STREAMGAGING	133,447	235,635 [1]	250,32
STREAMGAGING CONTIGENCY FUND	25,000	-	25,000
WATER CONSERVATION MATCHING	0	-	75,000
ADJUDICATION		29,102 [2]	-
LEGISLATIVE INTERNSHIP	3,000	2,360	3,000
CLOUD SEEDING			35,000
TOTAL	**271,447**	**319,317**	**503,322**
EQUIPMENT EXPENSES			
COMPUTER/OFFICE EQUIPMENT	10,000	784	10,000
TELEPHONE	800	786	800
TOTAL	**10,800**	**1,570**	**10,800**
PERSONNEL EXPENSES			
RETIREMENT	6,600	2,313	3,500
SOCIAL SECURITY	5,600	3,182	4,000
MILEAGE	38,800	36,377	42,000
STATE INSURANCE FUND	4,833	10,330 [3]	5,000
EMPLOYMENT INSURANCE	1,000	658	1,000
MISC. HYDROGRAPHER EXP	1,500	315	1,500
MISC. PERSONNEL EXPENSES	260	253	300
TREASURER	2,500	1,800	4,000
TOTAL	**61,093**	**55,228**	**61,300**

1 Reimbursed $113,788 from USBR, Fremont-Madison, Fall River Hydro and City of Idaho Falls

2 Reimbursed $29,102 from IDWR

3 Increased expense due to IDWR Adjudication contractors

MISCELLANEOUS EXPENSES				
	WATER EDUCATION	1,500	1,030	1,500
	OTTO OTTER	1,200	912	1,200
	IWUA	500	500	500
	POSTAGE	4,000	4,000	4,000
	SUPPLIES	2,500	2,322	2,500
	RECORD STORAGE	0	252	500
	BANK CHARGES	400	308	400
	AUDIT	7,950	7,960	8,000
	MEETINGS	6,500	4,832	6,000
	MISC DUES/MEMBERSHIPS		118	250
	BAD DEBT EXPENSE		2, 400	
TOTAL		**24,550**	**24,633**	**24,850**
WATERMASTER				
	IDWR CONTRACT	525,000	457,133	545,000
	ANNUAL BOOK	4,000	-	4,000
	TRAVEL	7,500	7,130	7,500
TOTAL		**536,500**	**464,264**	**556,500**
DEPRECIATION			**8,535**	
ESPA MONITORING				**322,566** [4]
TOTAL WATER DISTRICT 1 OPERATIONS BUDGET		**977,050**	**949,392**	**1,554,538**
OTHER COMMITTEE OF NINE APPROVED EXPENDITURES				
COMMITTEE OF NINE				
	ATTORNEYS AND CONSULTANTS			
	RESOLUTION 42 YELLOWSTONE CUTTHROAT	0	1,600	
	RESOLUTION 23 NEZ PERCE FEDERAL LEG	0	415	
	RESOLUTION 23-25 45 SRBA/USBR STORAGE	0	493	
	RESOLUTION 26 - ESA - SALMON	45,000	2,096	
	RESOLUTION 27/41-43/23-25/33/45 - ESA - GENERAL	60,000	10,377	
	RESOLUTION 28 - CLEAN WATER ACT	12,000	4,199	
	RESOLUTION 29 - ESPA - RECHARGE	18,000	740	
	RESOLUTION 30 - USBR - O & M	0	-	
	RESOLUTION 31 - NOAA FISHERIES - FLOW AUGMENTATION	36,000	15,210	
	RESOLUTION 32 - HELLS CANYON RELICENSING	60,000	4,005	
	RESOLUTION 34/44 - AQUATIC HERBICIDES	10,000	522	
	RESOLUTION 35 - USBR CONTRACTS	8,000	8,156	
	RESOLUTION 36 - FCRPS BI-OP	36,000	16,483	
	RESOLUTION 37 - UPPER SNAKE BI-OP	30,000	1,435	
	RESOLUTION - COMMITTEE OF NINE	0	17,501	
	RENTAL POOL	0	8,269 [5]	
	ERO	0	6,496	
	COMMITTEE OF NINE - MEETINGS/TRAVEL	27,500	21,560	
TOTAL		**342,500**	**119,557**	**200,000**
TOTAL WATER DISTRICT BUDGET		**1,319,550**	**1,068,949**	**1,754,538**
UPPER VALLEY FEES			**48,033** [6]	
TOTAL BUDGET W/ UV FEES		**1,319,550**	**1,116,982**	**1,754,538**

4 ESPA Monitoring budgeted 100% of WD01 portion but may only have to spend 50% if legislation passes

5 Charges covered by the Rental Pool Fees (Idaho Code 42-613A)

6 Charges covered by the Upper Valley Water Users

6. MINIMUM CHARGES FOR WATER DELIVERY

WHEREAS, it is the watermaster's responsibility to assure the proper delivery of both natural flow and storage supplies to all water users, and

WHEREAS, the normal water district cost of delivering water to many water users is greater than their normal assessments would be based upon their total annual use of water;

NOW, THEREFORE, BE IT RESOLVED that the watermaster of Water District 1 is hereby authorized to assess a $50.00 minimum charge for every diversion within his jurisdiction when the pro rated charge to the water user is less than the minimum charge.

7. WATER DISTRICT PROPERTY

BE IT RESOLVED that the watermaster is hereby authorized to acquire, hold and dispose of such real and personal property, equipment and facilities in the name of the water district as necessary for the proper distribution of water and shall provide that all such real and personal property shall remain in the custody of the watermaster and the watermaster's successor.

8. FILING OF RESOLUTIONS

BE IT RESOLVED that Resolutions 1, 2, 3, 5, and 6 adopted at the annual meeting of the water users of Water District 1 shall be filed with the secretary of said meeting and thereupon he shall immediately prepare and file a certified copy thereof with the Director of the Department of Water Resources and a certified copy with the county auditors of Bonneville, Madison, Teton, and Fremont Counties.

9. CONTINUING RESOLUTIONS

BE IT RESOLVED that 2007 Resolution Nos 1,2, 4, and 6 through 16 shall continue from year to year until amended, readopted or rescinded as provided by Idaho Code § 42-605.

10. COMMITTEE OF NINE

BE IT FURTHER RESOLVED that the Committee of Nine be designated to be the advisory committee under Idaho Code §42-605 and be continued with nine regular members. The member representing the Burley and Minidoka Irrigation Districts shall be alternated between the two districts as they arrange the other to

be an advisory member. Additional advisory members to the committee shall consist of a representative from the Bureau of Reclamation, the Teton Basin, the AFRD #2, A & B Irrigation District, and the Wyoming State Engineer.

11. AUTHORITY OF COMMITTEE OF NINE

WHEREAS, the members of the Committee of Nine, as the water district's advisory committee, are elected to represent the general interest of the water users;

NOW, THEREFORE, BE IT RESOLVED that the Committee of Nine is hereby authorized to:

A. Advise and consult with the watermaster and director in matters related to water resources management and water distribution.

B. Serve as the standing resolutions committee for all meetings of the water district.

C. Take those actions necessary to represent and protect the interests of the water users of the water district and to authorize the expenditure of additional funds when necessary.

D. Employ such legal, engineering, technical and clerical services that may be deemed necessary by the Committee of Nine to fulfill its responsibilities to the water users of the water district.

E. Make and execute such contracts and agreements as may be deemed necessary or convenient.

F. Do such other things, as the committee shall deem to be beneficial to the water users of the water district.

BE IT FURTHER RESOLVED that the Committee of Nine is hereby ratified as the local committee for the rental of stored water under Idaho Code § 42-1765.

12. APPROVAL OF EXPENSES BY COMMITTEE OF NINE

WHEREAS, the Committee of Nine has been selected by the water users of Water District 1 to represent their collective interests;

NOW, THEREFORE, BE IT RESOLVED that the Committee of Nine be authorized to modify the budget and approve the expenditure of funds held by the water district for the following purposes:

A. Unanticipated expenses of the water district.

B. Necessary improvements to the water district's facilities.

C. Educational projects designed to increase public awareness in the area of water distribution, water rights and water conservation.

D. Other public projects designed to assist in the adjudication, conservation or more efficient distribution of water.

E. Involvement in legislative, legal and agency deliberations on issues involving water quantity and quality which could affect water users of the water district, including naming Water District 1 as a petitioner in legal actions involving the ESA and the negotiation of federal claims and tribal claims filed in the SRBA, and further, to expend funds as are necessary that may exceed the budgeted amounts for such expenditures and then approved by the Committee of Nine.

F. To reimburse advisory committee members in accordance with the policy attached hereto as exhibit B or as approved by the Committee of Nine.

G. Items authorized in resolution no. 11.

13. CONTINGENCY FUND-WATER RENTALS

WHEREAS, the watermaster from time to time finds that storage has been used in excess of entitlements, and

WHEREAS, these "excess uses" require an allocation of rental pool storage, and

WHEREAS, the collection of payment for these excess storage uses can be time-consuming and can result in delays in making lease payments to the rental pool lessors;

NOW, THEREFORE, BE IT RESOLVED that the Committee of Nine is authorized to maintain $100,000 of the funds generated through the administrative charge on water rentals for the purpose of assuring lessors can be paid prior to the final diversion data for the year being available to the watermaster.

BE IT FURTHER RESOLVED that all monies collected for excess use rental charges, plus all appropriate interest and penalties, shall be first used to replace monies spent from this account.

14. CREDENTIALS COMMITTEE

WHEREAS, the water district's credentials committee has historically specified that "no person be elected to membership and service on the Committee of Nine and credentials committee unless he be a land owner and a water user... "

IT IS THEREFORE RESOLVED that water user and landowner shall be defined as follows:

A. One who owns an irrigated farm that is comprised of more than twenty (20) irrigated acres that has valid surface water rights deliverable by the Water District 1 Watermaster; and

B. One who currently or in the past receives over 50 percent of his annual income from farming activities.

C. Or has previously qualified for service on the Committee of Nine as defined by one and two above.

15. CONDITIONS TO DELIVERY OF WATER

WHEREAS, it is in the interest of all water users to have the water rights within Water District 1 delivered by priority, and

WHEREAS, the accounting system now used by Water District 1 requires that each diversion have assigned to it a specific list of decreed, licensed, and storage entitlements, and

WHEREAS, those diversions which have no decreed, licensed or permitted water rights will necessarily be taking storage water any time a diversion takes place;

NOW, THEREFORE, BE IT RESOLVED that no diversion under a decree, license or permit, shall be allowed unless the list of rights for that diversion are found in the watermaster's records or proper arrangements have been made to procure an adequate water supply prior to the start of the irrigation season.

16. ANNUAL MEETING OF WATER DISTRICT

BE IT RESOLVED that the annual Water District 1 meeting shall hereafter be held on the first Tuesday of March of each year unless the director and Committee of Nine should find it necessary to change the meeting date, and

BE IT FURTHER RESOLVED that the water users of Water District 1 waive mailed notice of the annual meeting and direct publication of the meeting notice for two (2) consecutive weeks in at least three newspapers located throughout the water district.

17. SPECIAL ASSESSMENTS-UPPER VALLEY WATER USERS

WHEREAS, the water users located above Blackfoot, excluding Aberdeen Springfield Canal Company (upper valley), have chosen to collectively retain legal counsel, and

WHEREAS, it is their desire to have the watermaster assess the upper valley water users for these legal services in proportion to their water use;

NOW, THEREFORE, BE IT RESOLVED this 6th day of March 2007, that the watermaster hereby be authorized to assess canals located above Blackfoot (excluding Aberdeen Springfield Canal Company) for legal fees and other appropriate expenses associated with representing the collective interest of the upper valley.

BE IT FURTHER RESOLVED that such charges may not exceed the amount budgeted during the current year.

BE IT FURTHER RESOLVED that the water district treasurer shall maintain said amounts in a separate account and that payment there from shall ONLY be made when authorized by the upper valley Committee of Nine members.

18. RENTAL POOL PROCEDURES OF COMMITTEE OF NINE

BE IT RESOLVED that the following Rental Pool Procedures be approved by the Idaho Water Resource Board as follows:

See the Rental Pool Section.

19. INTERIM BUDGET

WHEREAS, Water District 1 changed its fiscal year to begin November 1 and end October 31 of each year, and

WHEREAS, the annual meeting of Water District 1 at which the annual budget is adopted is the first Tuesday in March, leaving the water district to operate for four months without a budget;

NOW, THEREFORE, BE IT RESOLVED by Water District 1 meeting in regular annual session, that the Committee of Nine is authorized to adopt a continuing

budget for the district to operate under between November and the annual meeting.

BE IT FURTHER RESOLVED that the continuing budget approved by the Committee of Nine shall reasonably represent the budget resolution the Committee of Nine will propose to the water users at the next annual meeting.

20. WATER DISTRICT 1 POLICY POSITION

WHEREAS, there are currently many issues that potentially can change water distribution patterns and water supplies in Idaho, and

WHEREAS, water users are now being asked to fund experts and attorneys in preparation for negotiations and/or litigation, and

WHEREAS, the water users of Water District 1 and their representatives, the Committee of Nine, wish to have a clear representation of the position of Snake River irrigators, and establish the following as the guiding principles in any and all negotiations and litigation:

A. Administration of water rights that have been or will be adjudicated in the SRBA must recognize traditional distribution and water management.

B. The zero minimum flow at Milner, as established in the state water plan be recognized as the Water District 1's position, and that there can be no call for deliveries below Milner by downstream interests.

C. Releases past Milner must be consistent with state law and limited to annual arrangements approved by the Committee of Nine and IWRB.

D. Any changes in upstream water rights that would allow water to be transferred below Milner shall be by Committee of Nine agreement only or will be vigorously opposed.

NOW, THEREFORE, BE IT RESOLVED by the water users of Water District 1, that the Committee of Nine is authorized to allocate sufficient funds to protect and defend these principles in negotiations with the federal government and Indian tribes and in challenging and defending claims in the Snake River Basin Adjudication or other necessary litigation.

21. ADMINISTRATION

WHEREAS, Idaho is a priority doctrine state where historically water has been developed and used in the various areas of the state, and

WHEREAS, the state has established administrative units in the form of water districts to distribute available water supplies, and

WHEREAS, water within these administrative units has been distributed without respect to rights that might have been established by downstream users, and

WHEREAS, upstream water users have not challenged or objected to the development of downstream water rights under the representation that their rights would not be subject to calls by water rights that exist outside of the state established administrative boundaries.

NOW, THEREFORE, BE IT RESOLVED by the water users of Water District 1 meeting in regular annual session this sixth day of March, 2007, that the Committee of Nine be authorized to expend the resources necessary to establish in the SRBA that past administration represents a vital element of a water right and must be preserved in the adjudication of rights in the SRBA.

22. SNAKE RIVER BASIN ADJUDICATION

WHEREAS, the U.S. Supreme Court has held that the United States is not required to pay filing fees in the Snake River Basin Adjudication (SRBA), and

WHEREAS, the water users of Water District 1 have been required to pay substantial filing fees in the SRBA, and

WHEREAS, the United States has filed claims in the SRBA for substantial and exorbitant amounts of water in the lower Snake River which threaten the continued viability of irrigated agriculture in Water District 1 and the rest of the state, and

WHEREAS, the water users of Water District 1 have devoted substantial time and money to negotiate and defend against the SRBA claims filed by the United States, and

WHEREAS, defending against the claims filed by the United States in the SRBA and other McCarran Amendment adjudications has come at great cost to western water users.

NOW, THEREFORE, BE IT RESOLVED by the water users of Water District 1, meeting in regular annual session this sixth day of March, 2007, that the members of the Idaho Congressional Delegation are encouraged to pursue the enactment of federal legislation requiring the United States to pay its fair share of filing fees in the SRBA.

AND BE IT FURTHER RESOLVED that the members of the Idaho Congressional Delegation are also encouraged to seek Congressional oversight

into the United States' activities and spending in the SRBA and other McCarran Amendment adjudications.

BE IT FURTHER RESOLVED that copies of this resolution be sent to the members of the Idaho Congressional Delegation, Governor of the State of Idaho, the Idaho State Attorney General, the Idaho Water Resources Department, and the Idaho Water Resource Board.

23. ENDANGERED SPECIES – SALMON

BE IT RESOLVED, that the water users of Water District 1 oppose any plan to use natural flow or stored water from the upper Snake River basin for drawdown or flow augmentation in the lower Snake and Columbia Rivers which use is contrary to the laws of the state of Idaho and the Nez Perce Water Rights Agreement 2004 or is in breach of any contract between spaceholders and the U.S. Bureau of Reclamation or is an abrogation of any such contract.

BE IT FURTHER RESOLVED that any such water acquired for salmon recovery purposes be obtained only on a willing buyer/seller or willing lessor/lessee basis with a clear preference for the rental process over permanent acquisition.

BE IT FURTHER RESOLVED that the water users of Water District 1 continue in support of the Nez Perce Water Rights Agreement.

BE IT FURTHER RESOLVED, that the water users of Water District 1 oppose designating flow augmentation for salmon migration as a beneficial use in Idaho.

24. ENDANGERED SPECIES ACT

WHEREAS, the Federal Endangered Species Act is clearly designed to support maintaining endangered or threatened species through artificial propagation; and

WHEREAS, special interest groups use the Act to obstruct beneficial water resource projects; and

WHEREAS, the appropriate federal agencies do not adequately or appropriately administer the Act; and

WHEREAS, recovery plans for threatened and endangered species is a federal obligation but can be delegated to or developed in cooperation with states.

NOW, THEREFORE, BE IT RESOLVED, that the water users of Water District 1 support revision and amendment of the Endangered Species Act of 1973 to:

A. Require simultaneous recovery plans with listing decisions;

B. Require that the agency specify only reasonable and prudent alternatives contained in approved recovery plans if alternatives are needed to avoid jeopardy;

C. Require the agency to include economic considerations as well as scientific data in a determination of the value of listing a species for either threatened or endangered status.

D. Provide that cooperative agreements between federal, state and local agencies, and water supply entities shall be deemed a substitute for listing for habitat conservation or recovery plans;

E. Preclude the Secretary of Interior from designating by regulation waters to which the United States exercises sovereignty as critical habitat that would impact non-federal waters or entities;

F. No provision or program of the Endangered Species Act shall be construed or applied to authorize a taking or deprivation of any state created interest in water or water right.

25. CLEAN WATER ACT

WHEREAS, the United States Congress is presently considering reauthorization of the Clean Water Act; and

WHEREAS, such reauthorization may significantly impact the water users in Water District 1

NOW, THEREFORE, BE IT RESOLVED that the water users of Water District 1 urge Congress and the administration to incorporate the following principles in any activities regarding the Clean Water Act:

A. That neither the Corps of Engineers nor EPA nor any other federal agency or officer shall utilize any provision or program under the Clean Water Act to allocate or reallocate water quantity under water rights acquired pursuant to state law as part of any program that seeks to require specified levels of assimilative capacity, dilution water or instream flows.

B. No provision or program of the Clean Water Act shall be construed or applied to authorize a taking of any interest in water created pursuant to state law.

C. That section 404 protections and allowances for water dependant activities should be expanded, particularly with regard to permitting for facilities, which are related to the exercise of state created water rights. Section 404

should continue to include the deminimus exception to the "discharge of dredged material" and the exemption of "incidental fallback". .

D. The Corps should adopt simplified procedures for issuing general and nationwide permits and for transferring 404 permit authority to states. Certain categories of water such as headwaters, isolated waters, and certain intrastate waters should be excluded from permit requirements.

E. The Corps or EPA may not prohibit or in any way restrict or condition water diversions, depletions, or the consumptive use of water or water rights, which are authorized or decreed under state law.

F. Section 404 and wetland jurisdiction should be limited so that it does not apply to water surfaces and water related vegetation areas created artificially incidental to irrigation, hydropower and water supply projects. Any new rules or regulations or amendment of existing rules or regulations that are promulgated by EPA or the Corps regarding their authority over "waters of the United States," should expressly acknowledge the term "navigable" as directed by the United States Supreme Court in *Solid Waste Agency of Northern Cook County v. Corp.* and *Rapanos v. United States*

G. Reasonable best management practices should be incorporated in the law as the programs to be pursued for non-point sources.

H. Maintain the provisions of the Clean Water Act that exempt irrigation delivery or conveyance systems and return flows from point source regulation. Existing non-point sources shall remain as non-point sources under any program adopted under the Clean Water Act. Entities owning such irrigation delivery or conveyance facilities shall be permitted to control or regulate the quality of such return flows and to develop cooperative programs with water users.

I. That any proposed total maximum daily loads regulation should be subject to public review and comment as provided for by state law before implementation.

J. Water contained in canals, laterals, pipes, and drain ditches, seep tiles, and other irrigation and water delivery facilities should not be considered "waters of the United States" by EPA, the Corps, DEQ and other federal and state agencies.

K. That neither the Corps of Engineers nor EPA nor any other federal agency or officer shall utilize any provision or program under the Clean Water Act to require NPDES permits for inter- or intra-basin water transfers and

that the agencies adopt regulations exempting such water transfers from NPDES permits.

26. SNAKE RIVER RECHARGE

WHEREAS, water levels in the Eastern Snake Plain Aquifer, as well as surface water flows, have decreased over the past several years; and

WHEREAS, these decreased water levels may be improved by artificial recharge at various locations on the Snake River Plain as determined by the Eastern Snake Plain Aquifer model and recharge study.

NOW, THEREFORE, BE IT RESOLVED that the water users of Water District 1 support continued efforts to identify and implement the most effective aquifer recharge sites and projects, including those, which would replenish surface and spring flows.

27. USBR OPERATION & MAINTENANCE ACTIVITIES

WHEREAS, the United States Bureau of Reclamation operates and maintains important water supply and hydropower facilities throughout Water District 1; and

WHEREAS, such facilities are aging and in need of major maintenance or restoration activities and, in some cases, the high costs of completing these maintenance projects are compounded by governmental, environmental, or endangered species requirements; and

WHEREAS, the U. S. Bureau of Reclamation plans, budgets, manages, allocates and passes the costs of project O & M and extraordinary maintenance or restoration activities on to their water user customers without significant involvement from the project beneficiaries.

NOW, THEREFORE, BE IT RESOLVED that the water users of Water District 1 urge the Bureau of Reclamation to:

A. Work with their contractors in formulating O&M budgets and planning for extraordinary maintenance or restoration activities on applicable facilities well in advance of actual expenditures;

B. Account for and explain to their contractors, on a quarterly basis, actual O&M costs incurred for each applicable facility, including budget comparisons and other detailed cost accounting analysis as requested by the contractors;

C. Work with their contractors on planning, budgeting, bidding, and managing extraordinary maintenance and renovation activities on applicable facilities in order to contain costs and maximize benefits;

D. If requested by their contractors, allow the costs of extraordinary maintenance and renovation activities to be repaid by project beneficiaries over a 5- to 30- year timeframe under existing or future legislation; and

E. Work with Congress and the Administration to obtain alternative funding sources to assist their contractors in covering the added costs of complying with environmental or species protection laws in maintaining and restoring Bureau of Reclamation facilities in the West.

28. FLOW AUGMENTATION STUDY

WHEREAS, the National Marine Fisheries Service (NOAA Fisheries) continues to struggle with alternatives that will best recover Idaho's endangered anadromous fish; and

WHEREAS, augmentation water from Idaho has been the preferred solution of NOAA Fisheries since 1992 and up to 427,000 acre feet of Idaho water has been supplied annually on a interim basis by willing lessors through Idaho water banks pursuant to Idaho Code § 42-1763A and § 42-1763B; and

WHEREAS, current scientific studies continue to indicate that flow augmentation with Upper Snake water provides no meaningful benefit to the fish; and

WHEREAS, the Northwest Power & Conservation Council's Fish and Wildlife Program has been amended to exclude any recommendation for the acquisition of an additional one (1) million acre-feet from the Upper Snake River Basin; and

WHEREAS, several environmental groups have unsuccessfully filed various actions in federal court, seeking to require that USBR and NOAA Fisheries acquire additional water from the Upper Snake; and

WHEREAS, serious questions exist regarding USBR's ability to deliver an additional one (1) million acre feet; and

WHEREAS, the acquisition of additional water would be contrary to existing state and federal law and policy;

WHEREAS, the Northwest Power & Conservation Council, as the result of solicitation of comments on its proposed amendments to the mainstem portion of its Fish and Wildlife Program, has received an update and clarification dated February 10, 2003 from the Independent Scientific Advisory Board, which comments include the following:

A. That the relationship between river flows and salmon production has been reviewed before by the ISAB but many questions remain;

B. That the whole issue of flow and fish survival requires re-evaluation;

C. That management alternatives for improving survival of migrating juvenile anadromous fish include many dimensions beyond the current procedures for flow augmentation;

D. That acceptance of a 'water budget,' referred to as 'flow augmentation' does not in any way restore original natural flow and the benefit to salmon of these incremental adjustments has not been well quantified;

E. That the prevailing rationale for flow augmentation is inadequate, and it is neither complete nor comprehensive; and

F. That the prevailing flow-augmentation paradigm, which asserts that in-river smolt survival will be proportionately enhanced by any amount of added water, is no longer supportable.

WHEREAS, the acquisition of an additional one (1) million acre-feet would devastate Idaho's and Water District 1's economic and social base.

NOW, THEREFORE, BE IT RESOLVED that the water users of Water District 1 oppose any efforts by legal action or otherwise to require more water from Idaho above that authorized by the Idaho legislature and the Nez Perce Water Rights Agreement of 2004, and urge that the USBR and NOAA Fisheries reject any proposals to lease or otherwise acquire any additional water for flows from the Upper Snake River Basin above Milner Dam, and that the water users of Water District 1 support the recent amendment to the Northwest Power & Conservation Council's Fish and Wildlife Program which eliminated the recommendation to acquire an additional one (1) million acre-feet of water from the Upper Snake River Basin for flow augmentation or any other purpose.

29. HYDROELECTRIC PROJECT RELICENSING (Hells Canyon Complex and other facilities)

WHEREAS, the Idaho Power Company and other utilities that supply electricity to water users in Water District 1 are currently in the process of relicensing various hydroelectric projects, including the Hells Canyon Complex; and

WHEREAS, water users in Water District 1 rely upon a firm supply of power from the Idaho Power Company and other utilities; and

WHEREAS, the Hells Canyon Complex supplies over 75% of the hydroelectric power generated by the Idaho Power Company;

NOW, THEREFORE, BE IT RESOLVED that the water users in Water District 1 are opposed to the study or implementation of the possible introduction of salmon and steelhead species above the Hells Canyon Complex of hydroelectric dams; and

BE IT FURTHER RESOLVED that the water users of Water District 1 urge FERC, the State of Idaho and the Idaho Power Company to oppose introduction of the species above the Hells Canyon Complex, or any study of dam removal at Hells Canyon or other locations within the State of Idaho.

BE IT FURTHER RESOLVED that the water users of Water District 1 urge FERC to re-license the Hells Canyon Complex so long as the water rights for said complex are subordinated to upstream beneficial uses.

30. NOAA FISHERIES SALMON/STEELHEAD LISTINGS/HATCHERY POLICY

WHEREAS, NOAA Fisheries has certain duties with respect to endangered and threatened anadromous fish in Idaho; and

WHEREAS, NOAA Fisheries first listed Snake River sockeye, fall chinook, and spring/summer chinook, and Snake River steelhead under the Endangered Species Act (ESA) in the 1990s; and

WHEREAS, NOAA Fisheries' listing polices for anadromous fish have been inconsistent with respect to consideration of hatchery reared fish; and

WHEREAS, The ESA listing of the Snake River salmon and steelhead has resulted in the institution of a "flow augmentation" program to provide water from the Upper Snake River Basin above Brownlee Reservoir to the lower Snake and Columbia Rivers for salmon and steelhead migration; and

WHEREAS, Under USBR's "flow augmentation" program, millions of acre-feet of water has been provided from the Upper Snake River Basin Reservoirs consistent with various biological opinions; and

WHEREAS, Various entities in the Pacific Northwest have petitioned NOAA Fisheries to delist certain anadromous fish stocks; and

WHEREAS, NOAA Fisheries issued listing determinations for 27 West Coast Salmonid ESUs, including Snake River sockeye, fall and spring/summer Chinook, and steelhead, in 2005; and

WHEREAS, NOAA Fisheries also issued a final policy on considering hatchery fish in ESA listing determinations in June 2005; and

WHEREAS, NOAA Fisheries proposes to list Snake River sockeye as "endangered", and the Snake River fall Chinook, spring/summer Chinook, and steelhead as "threatened" despite the record number of returning adult salmon and steelhead over the past six years; and

WHEREAS, The basis for NOAA Fisheries' listing determinations did not properly consider hatchery fish in assessing each species' extinction risk; and

WHEREAS, NOAA Fisheries' hatchery fish policy and its treatment of hatchery fish in the proposed listing determinations is legally questionable and does conform with the district court's decision in *Alsea Valley Alliance v. Evans*; and

WHEREAS, The Idaho Water Users Association and the Coalition for Idaho Water, as well as several other groups in the Pacific Northwest and California, filed a lawsuit in federal district court in Oregon in December 2005, *Alsea Valley Alliance et al. v. Lautenbacher*, alleging NOAA Fisheries' final listing determinations for salmon do not comply with the ESA.; and

WHEREAS, The continued listing of Snake River salmon and steelhead under the ESA is not in the best interests of the water users of Water District 1.

NOW, THEREFORE, BE IT RESOLVED, That the water users of Water District 1 urge NOAA Fisheries to revise its hatchery policy and listing determinations for Snake River salmon and steelhead in conformance with the ESA and the court's decision in *Alsea Valley Alliance v. Evans*.

BE IT FURTHER RESOLVED, that the water users of Water District 1 urge NOAA Fisheries to remove Snake River salmon and steelhead from the Endangered Species list.

BE IT FURTHER RESOLVED, that the water users of Water District 1 support the Idaho Water Users Association and the Coalition for Idaho Water in its lawsuit to overturn NOAA Fisheries' proposed hatchery policy and listing determinations should those proposals, as they now stand, become final.

31. EPA POLICY ON AQUATIC HERBICIDES

WHEREAS, many irrigation districts, canal companies, and water delivery entities in Idaho apply aquatic herbicides to their systems to insure safe and efficient delivery of water; and

WHEREAS, many governmental entities and private companies apply insecticides, herbicides, and pesticides to protect public health and prevent the spread of pests, insects, and diseases, including recent documented cases of the West Nile virus; and

WHEREAS, application of these various insecticides, herbicides, and pesticides is vital to crop health and farming operations in the State of Idaho; and

WHEREAS, application of these herbicides is regulated by the Environmental Protection Agency (EPA) and the Federal Insecticide, Fungicide, Rodenticide and Algaecide Act (FIFRA); and

WHEREAS, a 2001 decision in the Ninth Circuit Court of Appeals *(Headwaters v. Talent)* determined that the application of aquatic herbicides into canal systems constitutes a discharge of a pollutant from a point source which requires an NPDES permit under the Clean Water Act; and

WHEREAS, EPA issued guidance to its Regional Administrators in March 2002 clarifying that application of aquatic herbicides consistent with the FIFRA label to ensure the passage of irrigation return flow is a nonpoint source activity not subject to NPDES permit requirements under the CWA; and

WHEREAS, a 2003 decision in the Ninth Circuit Court of Appeals *(League of Wilderness Defenders v. Forsgren)* determined that application of aerial pesticides onto national forests constitutes a discharge of a pollutant from a point source which requires an NPDES permit under the Clean Water Act; and

WHEREAS, the Second Circuit Court of Appeals recently remanded a district court decision *(Altman v. Town of Amherst)* and urged EPA to articulate a clear interpretation of existing law regarding whether properly used pesticides released into or over waters of the United States requires an NPDES permit; and

WHEREAS, the Ninth Circuit Court of Appeals recently held that aquatic herbicides, used in compliance with FIFRA label, are not "pollutants" under the Clean Water Act and therefore do not require an NPDES permit; and

WHEREAS, in February 2005 EPA responded to the uncertainty created by various court decisions and EPA issued a proposed rule to add exceptions to the list of discharges in 40 CFR 122.3 that are exempt from NPDES permit requirements; and

WHEREAS, in November 2006 EPA issued a final rule exempting certain applications of pesticides, including aquatic herbicides, from NPDES permit re-requirements; and

WHEREAS, Environmental groups immediately filed suit challenging the legality of EPA's final rule; and

WHEREAS, Legislation has been introduced in Congress to make clear that

compliance with FIFRA is sufficient for the use of aquatic herbicides.

NOW, THEREFORE, BE IT RESOLVED, that the water users of Water District 1 support EPA's final rule clarifying that application of pesticides and aquatic herbicides directly to "waters of the United States" consistent with the FIFRA label to control pests that are present in or present over such waters, including aquatic weeds, is not subject to NPDES permit requirements under the CWA.

BE IT FURTHER RESOLVED, that the water users of Water District 1 oppose any litigation seeking to overturn EPA's final rule.

BE IT FURTHER RESOLVED, that the water users of Water District 1 urge Congress to adopt legislation consistent with EPA's final rule.

32. UNITED STATES BUREAU OF RECLAMATION – LEGAL OBLIGATIONS

WHEREAS, the United States Bureau of Reclamation (USBR) has entered into numerous contracts with irrigation districts, canal companies, water delivery entities, and other water users in Water District 1 to store and deliver water for irrigation; and

WHEREAS, the USBR is legally obligated to follow the terms and conditions of these contracts; and

WHEREAS, concerns have been raised over USBR's winter operations at Palisades Reservoir and the effect of those operations on the fishery of the South Fork of the Snake River; and

WHEREAS, USBR has previously identified and addressed these concerns for winter operations and continues to be mindful of the fishery resource of the South Fork of the Snake River when operating Palisades Reservoir; and

WHEREAS, the USBR has been engaged in a new study over the hydrologic conditions of the South Fork entitled the Ecologically Based System Management Project (EBSM); and

WHEREAS, the goal of the EBSM is to determine the hydrologic regimes needed to maintain a properly functioning ecosystem for the long-term health of aquatic resources within the constraints of the state water law and contractual obligations.

NOW, THEREFORE, BE IT RESOLVED that the water users of Water District 1 support the various contracts between irrigation entities and USBR and urges USBR to continue to adhere to these contracts when operating the reservoirs, including Palisades Reservoir.

BE IT FURTHER RESOLVED, that the water users of Water District 1 support the efforts by USBR through the EBSM project to identify methods to provide ecological benefits to the South Fork of the Snake River while meeting contractual obligations.

BE IT FURTHER RESOLVED, that the water users of Water District 1 oppose any effort by USBR to use the results of the EBSM project to change operations to require certain instream flows in violation of state water law or in breach of any contracts with irrigation entities.

33. FCRPS 2004 BIOLOGICAL OPINION LITIGATION (NWF v. NMFS)

WHEREAS, in 2004 NOAA Fisheries released a final biological opinion on the Federal Columbia River Power System (FCRPS) regarding Snake River and Columbia River anadromous fish; and

WHEREAS, several environmental groups have alleged the 2004 FCRPS biological opinion violates various provisions of the Endangered Species Act (ESA), and the District Court in Oregon has jurisdiction over plaintiffs' claims by reason of previous litigation over the 2000 FCRPS biological opinion, *National Wildlife Federation v. NMFS*; and

WHEREAS, the plaintiffs have specifically alleged that NOAA Fisheries improperly failed to include operations of the USBR's Upper Snake River Basin Projects in the new opinion despite those operations having already been consulted on and the subject of a separate biological opinion that runs through 2005; and

WHEREAS, the Court issued a decision in May 2005 finding the 2004 FCRPS BiOp violates the ESA and remanding it back to the NOAA Fisheries to rewrite the opinion; and

WHEREAS, the Court ordered the Corps of Engineers to "spill" water at various FCRPS dams throughout the summer of 2005, costing BPA approximately $80 million dollars in lost power revenues; and

WHEREAS, the Court recently issued another decision for injunctive relief, ordering the Corps of Engineers to continue to "spill" water at various FCRPS dams throughout the summer of 2006, but denied any requests for additional flow augmentation from the Upper Columbia River Basin, recognizing that the "best available science" does not support the claim that flow augmentation is beneficial for listed salmon and steelhead; and

WHEREAS, the water users of Water District 1 do not agree that USBR's Upper Snake River Basin Projects are operated as part of the FCRPS.

NOW, THEREFORE, BE IT RESOLVED, that the water users of Water District 1 oppose the plaintiffs' actions in the *NWF v. NMFS* litigation, includes the attempt to combine the separate ESA consultations for the FCRPS and the USBR's Upper Snake River Basin Projects.

BE IT FURTHER RESOLVED, that the water users of Water District 1 oppose any requests for injunctive relief that would result in flow augmentation from the Upper Snake River Basin or additional "spill" at various FCRPS dams, recognizing the increased costs to BPA detrimentally affect the water users of Water District 1 as well.

34. UPPER SNAKE BIOLOGICAL OPINION LITIGATION

WHEREAS, various environmental groups recently filed a lawsuit against NOAA Fisheries and United States Bureau of Reclamation (USBR) in federal district court in Oregon, *American Rivers v. NOAA Fisheries*, alleging that the biological opinion for the USBR's Upper Snake River Basin Projects for 2005-2035 violates the Administrative Procedures Act (APA) and the Endangered Species Act (ESA); and

WHEREAS, the plaintiffs have alleged that the operation of USBR's Upper Snake River Projects adversely affects migrating salmon and steelhead through alteration of the hydrograph of the Snake and Columbia Rivers, and by USBR's management actions at the Projects, including water storage and delivery to spaceholders, power generation, flood control, administration of uncontracted space, and releases of water for flow augmentation; and

WHEREAS, the plaintiffs seek an order from the court that would strike down the current biological opinion covering USBR's operations in the Upper Snake River Basin, as well as other injunctive and declarative relief; and

WHEREAS, the plaintiffs' claims for relief threaten the viability of the Nez Perce Water Rights Settlement Agreement that was recently approved by Congress, the President, the State of Idaho, and the Nez Perce Tribe in 2005; and

WHEREAS, the plaintiffs also sought an order from the court to include USBR's Upper Snake River Projects in NOAA Fisheries' FCRPS biological opinion; and

WHEREAS, The Court refused to order NOAA Fisheries to conduct a single Section 7 consultation for the FCRPS and Upper Snake USBR Projects, however, the Court determined the Upper Snake Projects' biological opinion violated the ESA; and

WHEREAS, The Court directed NOAA Fisheries to issue a new biological opinion which is presently due during 2007; and

WHEREAS, the plaintiffs may seek injunctive relief against USBR to prevent water delivery to spaceholders within Water District 1 and instead have water sent down the Snake River for listed anadromous fish in 2007 and future years; and

WHEREAS, the plaintiffs' claims threaten the social and economic base of Water District 1 as well as that of other water districts with USBR projects throughout the state of Idaho.

NOW, THEREFORE, BE IT RESOLVED that the water users of Water District 1 oppose the plaintiffs' claims against NOAA Fisheries and USBR in *American Rivers v NOAA Fisheries*, as well any future requests for relief including any injunctive relief that would prevent USBR from storing and delivering water to its spaceholders in the Upper Snake River Basin.

BE IT FURTHER RESOLVED that the water users of Water District 1 monitor the remand proceeding, including USBR's preparation of a biological assessment and NOAA Fisheries' new biological opinion in 2007, to ensure that the water users' water rights and interests are protected.

BE IT FURTHER RESOLVED, that the water users of Water District 1 oppose the plaintiffs' continued attempts to have USBR's Upper Snake River Projects included in the FCRPS biological opinion.

35. DOI – WATER 2025 INITIATIVE

WHEREAS, the Department of the Interior and the United States Bureau of Reclamation (USBR) unveiled a new program in 2003 entitled "Water 2025" aimed at encouraging cooperative planning for preventing future water crises in the West; and

WHEREAS, USBR sponsored several conferences across the West that outlined the program's intended tools to accomplish water management, including (1) conservation, efficiency, and markets, (2) collaboration, (3) improved technology, and (4) removing institutional barriers and increasing interagency cooperation; and

WHEREAS, the details of implementing the "Water 2025" program are presently unknown,

NOW, THEREFORE BE IT RESOLVED, that the water users of Water District 1 urge USBR to include additional storage projects as another tool to facilitate and implement the "Water 2025" program.

BE IT FURTHER RESOLVED, that the water users of Water District 1 encourage USBR to recognize and adhere to contractual obligations and state water law in implementing any aspect of the "Water 2025" program in the future.

36. INDEMNIFICATION OF COMMITTEE OF NINE MEMBERS

WHEREAS, the Committee of Nine has been selected by the water users of Water District 1 to represent their collective interests; and

WHEREAS, the Committee of Nine is highly involved in legislative, legal and agency deliberations on water quantity and water quality issues that could affect water users of the water district, including naming Water District 1 as a petitioner in legal actions involving Endangered Species Act (ESA) claims; and

WHEREAS, several environmental groups recently filed a lawsuit, *American Rivers v. NOAA Fisheries*, in federal district court in Oregon, and have alleged that the United States Bureau of Reclamation has violated and continues to violate the ESA by operating the Upper Snake River USBR projects, including by storing and delivering water to water users in Water District 1, to the detriment of listed salmon and steelhead; and

WHEREAS, the Committee of Nine, through the Idaho Water Users Association, has intervened in the lawsuit to represent the interest of water users in Water District 1and others; and

WHEREAS, an adverse ruling in the lawsuit could result in USBR refusing to deliver project water to its spaceholders in Water District 1, as well as other water users during the 2006 irrigation season; and

NOW, THEREFORE, BE IT RESOLVED, that the water users of Water District 1 authorizes the district to have the power of indemnify any person who was or is a party or is threatened to be made party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the district) by reason of the fact that he is or was a member of the Committee of Nine, an alternate, or appointee of the committee, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by him in connection with such action, suit or proceeding if he acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the district, and with respect to any criminal action or proceeding, had no reasonable cause to believe his conduct was unlawful. The termination of any action, suit or proceeding by judgment, order, settlement, conviction, or upon a plea of nolo contendere or its equivalent, shall not, of itself, create a presumption that the person did not act in good faith and in a manner which he reasonably believed to be in or not opposed to the best interests of the district, and, with respect to any criminal action or proceeding, had reasonable cause to believe that his conduct was unlawful.

BE IT FURTHER RESOLVED that the water users of Water District 1 authorizes the district to have the power to indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the district to procure a judgment in its favor by reason of the fact that he is or was a member of the Committee of Nine, a director, officer, employee or agent of the district, or is or was serving at the request of the district as a member of the Committee of Nine, an alternate, or appointee of the committee against expenses (including attorneys' fees) actually and reasonably incurred by him in connection with the defense or settlement of such action or suit if he acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the district and excerpts that no indemnification shall be made in respect of any claim, issue or matter as to which such person shall have been adjudged to be liable for negligence or misconduct in the performance of his duty to the district unless and only to the extent that the court in which such action or suit was brought shall determine upon application that, despite the adjudication of liability but in view of all circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses which such court shall deem proper.

BE IT FURTHER RESOLVED, that to the extent that a past or present member of the Committee of Nine, an alternate, or appointee of the committee has been successful on the merits or otherwise in defense of any action, suit or proceeding referred to in subsection (a) or (b) hereof, or in defense of any claim, issue or matter therein, he shall be indemnified against expenses (including attorneys' fees) actually and reasonably incurred by him in connection therewith.

BE IT FURTHER RESOLVED, that the water users of Water District 1 authorize the district to have the power to purchase and maintain insurance on behalf of any person who is or was a member of the Committee of Nine, an alternate, or appointee of the committee against any liability asserted against him and incurred by him in any capacity or arising out of his status as such, whether or not the district would have the power to indemnify him against such liability under the provisions of this section.

BE IT FURTHER RESOLVED, that the indemnification and advancement of expenses provided by, or granted pursuant to, this section shall, unless otherwise provided when authorized or ratified, continue as to a person who has ceased to be a member of the Committee of Nine, an alternate, or appointee of the committee, and shall inure to the benefit of the heirs, and personal representatives of such a person.

37. RESOLUTION ATTORNEYS FEES

WHEREAS, the Committee of Nine has been elected and recognized as the advisory committee of Water District 1 since 1919; and

WHEREAS, Idaho Code 42-612 authorizes the water users to budget for costs of the advisory committee in implementing resolutions adopted by the water users of the district, and

WHEREAS, the funding for advisory committee expenses associated with implementing resolutions adopted by the water users for other than the payment of salary and operating expenses of the watermaster and assistants shall come from funds available pursuant to section 42-613A. Idaho Code.

WHEREAS, Idaho Code 42-619(8) provides the treasurer of the water district shall only disburse moneys from the water district account upon submission of a written voucher approved by the watermaster for expenses incurred for purposes related to water delivery or by a voucher approved by the chairman of the advisory committee for activities pursuant to specific resolutions adopted by the water users from district funds.

WHEREAS, the accounting of the water district would better comply with accounting standards if all legal firms hired by the Committee of Nine complied with certain standard procedures;

NOW, THEREFORE, be it resolved by the Committee of Nine, meeting regular annual session this sixth day of March, 2007, that the following procedures be implemented to govern the relationship between the Committee and legal firms employed by the Committee, as follows:

A. That legal firms may hereafter only be hired by the Committee of Nine at a regular or special meeting on such conditions as the Committee might prescribe in an employment contract; and

B. That legal firms shall execute an employment contract with the Committee of Nine of Water District 1 which shall list those items (resolutions) that have been previously designated as work for the Committee of Nine by that firm, which contract shall have a fee schedule for said firm's work attached; and

C. That each firm shall itemize the work accomplished on each resolution assigned to the firm and the time spent thereon during the previous billing period on its monthly statements to the Committee of Nine, and all expenses and costs advanced during the month, including the payment of filing fees and other expenses; and

D. That each firm will work on a standard hourly rate for services performed by attorneys and paralegals working on any authorized matter according to the hourly rates approved in the employment contracts. Each firm may reevaluate hourly rates as of January 1 each year but shall not increase rates without Committee of Nine approval; and

E. That for each new issue arising under existing water user resolutions that one or more of the designated firms are asked to become involved in by a Committee of Nine motion and resolution, the Committee of Nine shall, to the extent possible, designate the scope of work and desired result, shall place a limit on the fees and costs charged at the time of issue designation, and shall at the time such limit is reached, review the work accomplished and, if necessary re-authorize work beyond the previously stated limit for fees and costs.

38. SNAIL ESA PETITIONS

WHEREAS, The United States Fish & Wildlife Service (FWS) listed several snail species in the Middle Snake River as threatened or endangered in 1992, including the Bliss Rapids snail, the Idaho springsnail, the Snake River physa, the Utah valvata, and the Banbury Springs lanx; and

WHEREAS, the initial ESA listing determinations were made without comprehensive studies or surveys about the five snail species; and

WHEREAS, these ESA listings may potentially impact water diversion and use throughout the Snake River Basin as well as continued water storage operations in the United States Bureau of Reclamation's (USBR) projects above Brownlee Dam, including operations within Water District 1; and

WHEREAS, recent studies and data collection efforts in the Middle Snake River and elsewhere questions the bases for the original listing decisions; and

WHEREAS, the state of Idaho Office of Species Conservation and Idaho Power Company filed a petition to delist the Idaho springsnail in June 2004 on the basis of a taxonomic revision for the species by Dr. Robert Hershler of the Smithsonian Institute; and

WHEREAS, the taxonomic revision reveals the Idaho springsnail, the Jackson Lake springsnail, the Harney Lake springsnail, the Columbia springnail, and another snail species actually constitute the same snail species; and

WHEREAS, several environmental groups filed a petition to list Jackson Lake springsnail, the Harney Lake springsnail, and the Columbia springsnail in July 2004; and

WHEREAS, in September 2006 FWS proposed to remove the Idaho springsnail from the federal list of endangered and threatened species and further determined the petition to list the Jackson Lake springsnail, the Harney Lake springsnail, and the Columbia springsnail as threatened or endangered was "not warranted"; and

WHEREAS, the Governor of the State of Idaho and various water users in Water District 1 recently petitioned to remove the Utah valvata from the federal list of endangered and threatened species; and

WHEREAS, removing the five snail species from the ESA endangered and threatened list is in the best interests of all water users in the Snake River Basin.

NOW, THEREFORE, BE IT RESOLVED, that the water users of Water District 1 support previously filed petitions to delist the snails, including the proposed delisting rule recently issued by FWS for the Idaho springsnail.

BE IT FURTHER RESOLVED, that the water users of Water District 1 support petitions to de-list the Bliss Rapids snail, the Utah Valvata, the Snake River Physa, and the Banbury Springs lanx.

BE IT FURTHER RESOLVED, that the water users of Water District 1 oppose the petition to list the Jackson Lake springsnail, the Harney Lake springsnail, and the Columbia springsnail, and supports FWS' finding that listing is not warranted.

39. YELLOWSTONE CUTTHROAT TROUT ESA PETITION

WHEREAS, in August 1998 several environmental groups petitioned the U.S. Fish & Wildlife Service (FWS) to list the Yellowstone cutthroat trout as "threatened"; and

WHEREAS, after consulting with the affected States of Wyoming, Idaho, and Montana, and several state and federal agencies, FWS issued its "90-day finding" in February 2001 and concluded the groups' listing petition did not present "substantial scientific or commercial information" that would indicate listing the trout was warranted; and

WHEREAS, the environmental groups filed suit under the ESA in February 2004 in federal district court in Denver (*Center for Biological Diversity v. Morganweck*) requesting the court overturn FWS' 2001 finding and order FWS to conduct a 12-month status review of the Yellowstone cutthroat trout and issue a listing decision; and

WHEREAS, the states of Wyoming, Idaho, and Montana all filed motions to intervene in the case and were denied intervention by the court, despite their

sovereign interests in managing the trout species for the benefit of their citizens; and

WHEREAS, on February 14, 2006 FWS found the Yellowstone cutthroat trout listing under the ESA was not warranted based upon a status review of the species; and

WHEREAS, the State of Idaho recently released a Yellowstone cutthroat trout management plan; and

WHEREAS, future listing of the Yellowstone cutthroat trout under the ESA stands to threaten continued water diversion and use in the Snake River Basin, including water storage operations at USBR's Upper Snake Projects above Milner Dam.

NOW, THEREFORE BE IT RESOLVED, that the water users of Water District 1 oppose and urge the state of Idaho to intervene in and oppose any future litigation challenging FWS' decision denying the petition to list the Yellowstone cutthroat trout as threatened or endangered under the ESA.

BE IT FURTHER RESOLVED, that the water users of Water District urge the State of Idaho to recognize and protect the water rights and interests of water users in the adoption and implementation of any management plan for the species.

40. CRITICAL HABITAT DESIGNATIONS

WHEREAS, the National Marine Fisheries Service (NMFS) designated critical habitat for threatened Snake River fall chinook and spring/summer chinook and endangered Snake River sockeye salmon in Idaho in 1993 and these designations remain in place today; and

WHEREAS, these critical habitat designations cover broad areas unoccupied by the listed salmonids; and

WHEREAS, critical habitat designations for several other salmonid species in the Columbia River Basin, including Snake River steelhead, were recently repealed pursuant to a consent decree entered into by NMFS in *National Association of Home Builders v. Evans*; and

WHEREAS, NMFS recently published its final critical habitat designations for 19 listed salmon and steelhead ESUs in the Columbia River Basin, including Snake River steelhead, in August 2005; and

WHEREAS, the Snake River steelhead critical habitat designations include approximately 7,622 miles of streams and 4 lakes in 13 Idaho counties; and

WHEREAS, NMFS estimates the economic impact from these designations to be approximately $35 million; and

WHEREAS, NMFS has excluded certain watersheds and tributaries from the Snake River steelhead critical habitat designation because the benefits of exclusion outweighed the benefits of inclusion; and

WHEREAS, NMFS has failed to revise review the critical habitat designations for threatened Snake River fall Chinook and spring/summer Chinook and endangered Snake River sockeye salmon to determine if these designations warrant revision; and

WHEREAS, the United States Fish & Wildlife Service (FWS) recently proposed designating critical habitat for the Klamath River and Columbia River Distinct Population Segments of threatened bull trout, including a number of streams, rivers, lakes, and reservoirs in Idaho; and

WHEREAS, critical habitat designations have the potential for profound and devastating economic impacts upon various industries in Idaho; and

WHEREAS, NMFS and FWS must adequately consider the economic impacts of its critical habitat designations pursuant to the Endangered Species Act (ESA), including those areas that are not occupied by listed species; and

WHEREAS, NMFS and FWS may exclude any area from critical habitat if the benefits of the exclusion outweigh the benefits of inclusion where such exclusion would not result in extinction of the species.

NOW, THEREFORE, BE IT RESOLVED, that the water users of Water District 1 oppose any critical habitat designations for listed salmonids by NMFS and FWS that are contrary to the purposes of the ESA and that do not adequately consider the economic impacts of such designations on the local economies of the State of Idaho.

BE IT FURTHER RESOLVED, that the water users of Water District 1 encourage NMFS to revise and exclude additional waters, including the mainstem Snake River, from its final critical habitat designation for Snake River steelhead where the benefits of exclusion outweigh the benefits of inclusion.

BE IT FURTHER RESOLVED, that the water users of Water District 1 oppose any critical habitat designations for listed salmonids by NMFS and FWS that adversely impact the economies of entities that hold contracts to stored water in Bureau of Reclamation projects.

41. CORPS OF ENGINEERS' POLICY ON 404 PERMITS

WHEREAS, as a result of a settlement agreement entered into between the Seattle District of the U.S. Army Corps of Engineers and the National Wildlife Federation, the U.S. Army Corps of Engineers has asserted that the decision rendered in *Headwaters, Inc. v. Talent Irrigation District*, 243 F.3d 536 (9th Cir. 2001) is binding upon the geographic jurisdiction of the 9th Circuit Court of Appeals, which includes Idaho; and

WHEREAS, the Corps of Engineers asserts that irrigation ditches, canals, laterals and drains are "waters of the United States" and that, pursuant to Section 404 of the Clean Water Act, permits (404 permits) are necessary for various types of work on irrigation ditches, canals, laterals and drains, including excavation, piping or lining during the non-irrigation season when those facilities may not contain water; and

WHEREAS, the Corps of Engineers has asserted that owners and operators of irrigation ditches, canals, laterals, drains and others may be required to obtain 404 permits for certain activities, despite exemptions, protections and allowances in the Clean Water Act, 33 U.S.C. § 1344(f), including the exemption "for the construction or maintenance of farm or stock ponds or irrigation ditches, or the maintenance of drainage ditches"; and

WHEREAS, The United States Supreme Court issued a decision in *Rapanos v. United States* that rejected the Corps' regulatory definition of "waters of the United States", and the concurring opinion issued by Justice Kennedy determined that until new regulatory guidance is issued the Corps must first establish, on a case-by-case basis, that a waterbody has a "significant nexus" with a navigable-in-fact waterway before asserting regulatory jurisdiction.

NOW, THEREFORE, BE IT RESOLVED, that the water users of Water District 1 oppose the assertion by the Corps of Engineers or other federal or state agency that irrigation ditches, canals, laterals and drains are "waters of the United States", opposes the view that fails to account for the Supreme Court's recent decision in *Rapanos v. United States* and opposes the position that a 404 permit is required for the discharge of dredge or fill material into irrigation ditches, canals, laterals and drains that are constructed and used for irrigation or drainage purposes.

BE IT FURTHER RESOLVED, that the water users of Water District 1 oppose any attempts to limit the exemptions, protections or allowances of Section 404 of the Clean Water Act, including the exemption for the construction or maintenance of irrigation ditches, or the maintenance of drainage ditches.

42. USBR STORAGE RIGHT CLAIMS IN THE SRBA

WHEREAS, the Idaho Department of Water Resources (IDWR) expects to issue its Director's Report for all water right claims within Water District 1 during 2006 and 2007; and

WHEREAS, those claims include storage water right claims by the United States Bureau of Reclamation (USBR) in reservoirs in Water District 1; and

WHEREAS, the Snake River Basin Adjudication (SRBA) District Court has recognized the issue of a spaceholder's beneficial or equitable interest in those claims in a consolidated subcase involving USBR's reservoirs in Basin 63; and

WHERAS, the SRBA Court's decision is presently on appeal before the Idaho Supreme Court; and

WHEREAS, IDWR should recognize the beneficial or equitable interest of spaceholders in recommending USBR's storage water right claims in Water District 1; and

WHEREAS, the water users of Water District 1 are parties to and have historically relied upon operations of USBR's reservoirs pursuant to the terms and conditions contained in the *Burley Irrigation District v. Henry Eagle* decree issued in 1968; and

WHEREAS, IDWR should expressly recognize the operations and water rights under the *Eagle* decree, including how USBR's reservoirs are operated in coordination with one another for the benefit of water users of Water District 1 in its recommendations for USBR's claims in the SRBA.

NOW, THEREFORE, BE IT RESOLVED, that the water users of Water District 1 support the inclusion of language on USBR's storage water right partial decrees in Water District 1 that recognizes the beneficial or equitable interests of spaceholders, as well as the historic operations and terms and conditions of the *Eagle* decree.

BE IT FURTHER RESOLVED, that the water users of Water District 1 continue to participate in consolidated subcase 91-63, including its current appeal to the Idaho Supreme Court, to determine the precedent for USBR's similar storage water right claims in Water District 1.

43. WATER QUALITY STANDARDS / TMDLS – UPPER SNAKE RIVER BASIN

WHEREAS, the Clean Water Act provides for the State of Idaho, through the Idaho Department of Environmental Quality, and the Shoshone-Bannock Tribes,

to formulate water quality standards for various water bodies, and for impaired waters, total maximum daily loads (TMDLs) and implementation plans; and

WHEREAS, the adoption of water quality standards and TMDLs may impact water distribution and storage operations in Water District 1; and

NOW THEREFORE BE IT RESOLVED, that the water users of Water District 1 seek to continue the water distribution and storage operations that they have relied upon for their livelihoods, while at the same time working with state and tribal agencies to help address water quality issues in the Upper Snake River Basin.

BE IT FURTHER RESOLVED, that the water users of Water District 1 oppose any state, federal, or tribal water quality regulations or plans that would negatively impact water distribution and storage operations in Water District 1, including impacts to the water users' water rights and spaceholder contracts.

44. EVAPORATION LOSSES FROM RESERVOIRS WITHIN WATER DISTRICT 1

WHEREAS, the reservoirs on the mainstem of the Snake River and its tributaries within Water District 1 are used for the storage of water for irrigation and in the distribution and delivery of natural flow and stored water to water users within Water District 1; and

WHEREAS, the accounting procedures used to account for evaporation losses from reservoirs within Water District 1 have been altered, amended, changed and readopted from time to time for each reservoir; and

WHEREAS, there is little evidence to establish and identify all benefits received from the various reservoirs within Water District 1 for water storage, distribution and delivery; and

WHEREAS, it is to the benefit of all water users within Water District 1 to establish a standard accounting procedure for handling evaporation losses from reservoirs within Water District 1.

NOW, THEREFORE, BE IT RESOLVED that the total evaporation losses determined to occur from all reservoirs shall be proportionately allocated among all allottees or spaceholders receiving water from storage, without regard to the priority for storing water in the respective reservoir or its location.

IT IS FURTHER RESOLVED that this resolution be recommended to the Watermaster of Water District 1 and the Director of the Idaho Department of Water Resources for implementation of these accounting procedures.

45. RECHARGE

WHEREAS, effective management of Idaho's water resources mandates the intentional use of the Eastern Snake Plain Aquifer (ESPA) to conserve available water in the upper Snake River Basin, and;

WHEREAS, the ESPA has the largest storage capacity in the Snake River Basin in Idaho, and;

WHEREAS, at the present time, recharge facilities are available to accommodate recharge to ESPA within Water District 1.

NOW THEREFORE BE IT RESOLVED that Water District 1 water users support recharge and are ready, willing and able to provide facilities to commence recharge.

46. CLOUD SEEDING

WHEREAS, the water resources of the Snake River Basin (both surface and ground) are being stressed by drought, population growth, and increasing demands by agriculture, cities, and recreational activities; and

WHEREAS, cloud seeding is a proven tool to increase precipitation and numerous evaluations have indicated that cloud seeding, when properly applied, can produce precipitation increases up to 10% or greater (American Meteorological Society, 1998); and

WHEREAS, agriculture, hydro-electric power producers, recreationists, and all residents of the Snake River Basin in general all benefit from the results of cloud seeding; and

WHEREAS, the High Country Resource Conservation and Development Council organized a cloud seeding program in the past; and

WHEREAS, Water District 1, irrigation districts and canal companies and counties financially supported the cloud seeding program of the High Country Resource Conservation and Development Council.

NOW, THEREFORE, BE IT RESOLVED, that the water users of Water District 1 strongly encourage and support the Resource Conservation and Development Councils covering the Snake River Basin area in Water District 1 to develop, operate, maintain, and pay for a cloud seeding program during the winter time for the watershed areas of the Snake River including the Henry's Fork and its tributaries.

BE IT FURTHER RESOLVED, that Water District 1 participate with the

Resource Conservation and Development Councils by including a budget item for cloud seeding of at least 1/6th of the cost up to $35,000 (to be reviewed annually) with the balance of program costs coming from the Resource Conservation and Development Councils.

BE IT FURTHER RESOLVED, that a copy of this resolution be sent to the High Country, Three Rivers, Mid-Snake, and Wood River Resource Conservation and Development Councils.

47. IDAHO CODE §42-620

WHEREAS, pursuant to Idaho Code §42-620, the legislature has authorized the assessment of water users in water districts for costs incurred by the Idaho Department of Water Resources for "monitoring conditions of the ESPA, updating the ESPA ground water model, updating surface water modeling tools, and updating accounting for water rights" and

WHEREAS, such tools are essential for water administration for the waters of the state and benefit all residents of the state, and

WHEREAS, water users recognize that diversions in excess of the water actually consumed occur with most uses, and such excess water becomes the source or a portion of the source of another water right.

NOW THEREFORE, IT IS HEREBY RESOLVED that the efforts, models and tools of the Idaho Department of Water Resources are essential in water administration throughout the State of Idaho and the costs such efforts should be borne from the general fund of the State and I.C. §42-620 should be repealed.

Repeal 42-620 - not good per norm Semanko.

$557,000 - this year

HB 241

Alternative legislation not provided yet

EXHIBIT A

MEMORANDUM OF UNDERSTANDING

This memorandum of understanding is entered into by and between the Director of the Department of Water Resources, (hereinafter called the Director) and the water users of Water District No. 1, Upper Snake River, (hereinafter called Water District No. 1) acting through the Water District advisory committee known as the Committee of Nine.

WHEREAS, the statutes of the State of Idaho provide for the Director to have direction and control of the distribution of the waters of the state to those holding valid rights to the use thereto; and

WHEREAS, the Water District No. 1 authorized the Committee of Nine, as advisors to, and elected representatives of the water district, by resolution duly adopted at the March 2, 1993, annual meeting of the water users of the district to enter this memorandum of understanding continuing a cooperative program with the Director to provide watermaster services for Water District No. 1 and

WHEREAS, the Committee of Nine will, among other things, serve as advisors to the Director and the watermaster in matters relating to the distribution of the natural flow and stored water within the district:

NOW, THEREFORE, the Director agrees to provide the following services to Water District No. 1, effective upon the execution of this memorandum of understanding and to continue to provide the services from year-to-year as herein provided upon election of the regional manager of the Department as watermaster and the adoption of a budget by the water users at the annual water district meeting authorizing expenditures in accordance with the purposes of this memorandum of understanding:

1) To provide watermaster services to Water District No. 1 for the period from the effective date of this memorandum until the end of any subsequent water district year as agreed to by the water users of Water District No. 1 at their annual meeting and the director of the Department. Such watermaster services will be provided under the direction of the regional manager of the Department's Eastern Region consistent with the provisions of Title 42, Idaho Code.

2) To provide the equivalent of 2/3 of a person year of the Regional manager as watermaster throughout the Water District year and to provide any additional part time

or full time employees as necessary for the water distribution operations of Water District No. 1 in accordance with its adopted budget.

3) To provide office space as necessary for operation of Water District No. 1 and to provide Department vehicles for use by full-time employees of the Department, to conduct Water District business, and to share the use of other Department equipment and facilities as are necessary to equitably distribute the waters to the users within Water District No. 1.

WATER DISTRICT NO. 1 agrees as follows:

1) To pay the Department, on an advance basis, sufficient funds to cover the costs of operations incurred in providing watermaster services to Water District No. 1 provided, however, that reimbursement for the watermaster shall not exceed 2/3 of the personnel costs of the regional manager and provided further that all other costs incurred in conducting Water District No. 1 business will be paid in full. Indirect costs will be paid at the rate approved by the Department of the Interior Inspector General and current at the time of the water district annual meeting. The approved indirect rate shall be reduced in recognition of the Department's statutory responsibility to supervise water distribution by subtracting in the indirect calculation any personnel costs included for the Director and the Administrator of the Water Management Division.

Mileage and per diem costs will be based upon the rate provided by state law for *state employees.*

The Department will credit the District for a portion of the District's expenditures to the U.S. Geological Survey for the cooperative streamgaging program. The amount credited each year will be one-half (1/2) the amount the district pays for that year to the U.S. Geological Survey for operation of certain streamgages the Director determines are needed for data collection purposes needed by the Department other than and in addition to the District's water distribution data needs.

THE PARTIES mutually agree that:

1) The regional manager and any other persons directly employed by the Department as classified state employees, performing duties on behalf of Water District No. 1 under this memorandum will only perform duties necessary to:

a) Deliver and account for distribution of natural flow and stored water within the District,

b) Provide assistance to the Committee of Nine in operating the local rental pool. This assistance will include accepting applications to put water into the pool and to rent water from the pool, receipting and depositing funds associated with the bank, providing information on the water in the bank and rentals therefrom. The Committee of Nine, or its designated subcommittee will determine the water leases and rentals and approve all disbursals of rental pool money.

c) Prepare reports and proposed budgets as required by Title 42, Idaho Code.

d) Provide technical assistance and information to the Committee of Nine and the Department relative to the water distribution and water banking duties of the watermaster.

The Committee of Nine will make other arrangements for representation and management of any other interests of the water users within the Water District as directed at the annual meeting.

2) The director of the Department and the chairman of the Committee of Nine shall consult annually prior to the end of the water district's fiscal year concerning the continuation of this memorandum and any need for modification of it.

3) This memorandum of understanding will continue from year to year and can be amended or terminated at any time by agreement of the director of the Department and Water District No. 1, on the recommendation of the Committee of Nine.

4) This memorandum of understanding supersedes and replaces the memorandum of understanding dated March 3-4,1979.

5) Nothing in this agreement will act to change, modify, or release either party of any obligation or responsibility otherwise provided by contract or by law.

R. KEITH HIGGINSON
Director
Department of Water Resources

Date: 3/04/93

DEWITT MOSS
Chairman
Committee of Nine/Water District No. 1

Date: 3/10/93

EXHIBIT B

COMMITTEE OF NINE

MEETING REIMBURSEMENT RULES

1. All Committee of Nine expenses must be approved by chairman.

2. All requests for reimbursement must be on an approved form with copies of receipts attached.

3. Reimbursement is intended only for official Committee of Nine and sub-committee meetings called by chairman or vice-chairman, or other meetings approved in advance by Committee of Nine.

4. Reimbursement shall include per diem ($100/day), mileage ($0.485/mi.), meals, travel, and room (if necessary).

   Because of extra duties outside scheduled meetings, the chairman shall receive an additional $25/day for each meeting.

5. Reimbursement is intended for Committee of Nine members and appointed officers who contribute their time. If the Committee of Nine approves per diem and reimbursement for a member who is being paid for his time from a different source, reimbursement shall be made to the employer.

6. Advisors and/or alternates to regular Committee of Nine meetings shall not be authorized per diem and reimbursement for regular Committee of Nine meetings but shall be reimbursed if they serve on a special Committee of Nine sub-committee, or attend other meetings approved by the Committee of Nine.

COMMITTEE OF NINE

MEETING REIMBURSEMENT

DATE AND PLACE OF MEETING:_____

PURPOSE OF MEETING:_____

OFFICIAL POSITION:_____

PER DIEM ..# OF MTGS _____ X $100.00 ..... $_____

PERSONAL CAR USAGE _____ MILES ..... $_____
(at 48.5 cents per mile)

MEALS..... $_____

LODGING..... $_____

AIR FARE..... $_____

OTHER TRAVEL FARE..... $_____

MISCELLANEOUS..... $_____
(parking, tips, cab, etc.)

TOTAL..... $_____
(attach all available receipts)

_____
Committee Member (Signature)

APPROVED:

_____
Chairman, Committee of Nine

AMOUNT
REIMBURSED.....$_____

Date _____ Bookkeepers Initials _____ Check #_____

Draft Rental Pool Procedures
2007

WATER DISTRICT 1

RENTAL POOL PROCEDURES

RULE 1. AUTHORITY AND STATEMENT OF PURPOSE.

1.1. These procedures have been adopted by the Committee of Nine of Water District 1 pursuant to Section 42-1765, Idaho Code, to assure the orderly operation of the Water District 1 Rental Pool. Under no circumstances shall these procedures be interpreted or construed to limit the authority of the director of the Department of Water Resources, the Water Resource Board, or the Snake River Watermaster in discharging their duties as set forth in the statutes of the state of Idaho and rules and the regulations promulgated thereto.

1.2. The purpose of these procedures is to provide:

A. The rules by which the Committee of Nine, acting under the authority of the appointment of the Committee of Nine by the Water Resource Board, as a local operating committee, will make stored water available through the Rental Pool.

B. A process, which complies with the Idaho Code and the Water Bank Rules of the Idaho Water Resource Board, by which stored water supplies will be made available by spaceholders for rental through the Water District 1 Rental Pool.

C. Incentives to storage space holders to participate in three after-the-fact rental processes established by these procedures: (1) The allocation of storage defined in these procedures as "late season fill" as the water supply made available for certain storage rentals made previously by the Committee during the irrigation season; (2) making spaceholder's space and water accruing thereto available to the rental pool for other users and uses through private leases and (3) making spaceholder's space and water accruing thereto available to the rental pool for other users and uses through specific assignments of water to the rental pool.

D. Expanded opportunities for all spaceholders to participate in and benefit from the proceeds of the Rental Pool.

E. **Priorities for selecting between competing rental applications during times of water scarcity.**

F. **Funding for the Committee of Nine on behalf of spaceholders to defray costs in the operation of its rental pool, for making improvements in distribution facilities and improving efficiency in the distribution of water within Water District 1, for defending attacks from third parties on spaceholder's water rights, and in defending against challenges that might reduce state and private control and use of water resources in Idaho.**

G. **Controls, priorities and safeguards to insure that existing water rights are not injured and that an adequate supply of stored water may be obtained on a voluntary basis from available supplies for the stated needs set forth in these procedures.**

1.3. **All spaceholders will have an opportunity to participate in the monetary benefits of the Rental Pool. These procedures are designed to assure that spaceholders will have first priority in acquiring storage from the rental pool while making provisions which will provide the BOR an opportunity to provide water for flow augmentation.**

1.4. **All spaceholders who agree to participate in the Rental Pool will be considered to be suppliers to the Water District 1 Rental Pool of the Committee of Nine for the rental of water (to the extent the spaceholder has storage) for flow augmentation; will be a supplier of late-season fill water available to the Rental Pool; and will be able to be full participants in all benefits of the Rental Pool described in these Procedures. Spaceholders who choose to participate in the Rental Pool are deemed to be a voluntary participant of the Rental Pool for each and every year thereafter unless a spaceholder advises the Watermaster prior to February 1 of any given year that he wishes to "opt out". Spaceholders who opt out are not participants (either as suppliers or renters) unless they subsequently decide to participate by opting into the rental pool. Any non-participating spaceholder may "opt in" as a Rental Pool participant if he does so prior to February 1 of any year. Anyone opting in will not be eligible to receive a monetary payment for rentals or impacts that took place the previous year. Anyone who opts in will be eligible for all of the participation benefits of the Rental Pool beginning the year he opts in. If after February 1 of any year, less than seventy-five percent (75%) of the contracted storage space is committed to the rental pool by participating spaceholders, the Committee of Nine will revise the rental pool procedures as determined to be necessary prior to April 1.**

1.5. **All participating spaceholders will receive payment for water rented from the rental pool from the late season fill using an after the fact process during the current irrigation year based upon the amount of space they own in a water storage reservoir or reservoirs and distributed within Water District 1. These procedures anticipate that those spaceholders who choose to participate in the Rental Pool will generally be paid for water rented during the previous irrigation season according to the following payment distribution formula:**

$$P = \left(\frac{R \times SP/TSP}{2} + \frac{R \times ST/TST}{2} \right)$$

Where: P = Payment to Participating Spaceholder
R = 70% of Net Proceeds from rental of late season fill
SP = Space of Participating Spaceholder
ST = Storage water of Participating Spaceholder
TSP = Total Participating Space in System
TST = Total Participating Storage in System

~~Because the Watermaster must determine ST (each spaceholder's current allocation), payments cannot be made to participating spaceholders until the Watermaster has computed final water distribution data for the year. Final storage allocation data will not be available for approximately nine (9) months after the end of the current irrigation year, or up to 18 months after the rental water was used. Therefore~~

Payments to participating spaceholders will be made in two installments:

1) ***The first installment will be the initial distribution of net rental proceeds collected during the irrigation season based on space. This first payment shall be made to participating spaceholders immediately following the end of the irrigation season in which the proceeds were collected.***
2) ***The second installment will be the distribution of remaining net rental proceeds, based on the preliminary fill and storage allocation using the second half of the payment distribution formula within two weeks of issuing the preliminary storage allocation for the following irrigation season. For example, the second and last payment for 2006 rental proceeds will be made within two weeks after the preliminary storage allocation has been issued in the Spring or early-Summer of 2007.***

If a specific reservoir's allocation has been reduced as a result of flood-control operations, the ST and TST values in the payment distribution formula for those reservoir spaceholders will reflect the values that otherwise would have occurred without any reductions for flood-control.

Payments made to impacted spaceholders will initially be based on preliminary data. Adjustments to impacted payments will be made after the final accounting has been completed at the end of the irrigation season.

1.6. **If the reservoirs do not fill, each participating spaceholder will be paid for water leased through the rental pool the previous year based upon the extent to which the spaceholder's storage is found to have been impacted in the current year from the past year's rental activities. Those participating spaceholders found to have been impacted shall be paid from the remaining 30% of the proceeds from the net rentals, as described in rule 3.6 & 7.2 below.** ***It is understood there are no impacts resulting from the previous year's rentals for a specific reservoir when that reservoir's storage is released as a result of flood-control operations and water is spilled past Milner Dam in the current year.***

1.7. **In any year when the water rights for the surface water storage facilities distributed by Water District 1 do not fill,** ***excepting those years in which flood-control operations result in spilling excess storage past Milner Dam,*** **the Watermaster will determine, using a procedure developed by Water District 01, unless disapproved by the Director: (1) what ~~the~~** ***each reservoir*** **fill would have been had the previous year's rentals not taken place, (2) the storage space from which rental water was actually supplied for the previous year's rentals and (3) the amount of water each spaceholder's current allocation was reduced by the previous year's rental activities. Impacted spaceholders (who's space actually ended up suppling the water) will be paid, at the rate established in rule 3.6 below.**

1.8. **In addition to the late season fill using an after-the-fact method of leasing described herein, a spaceholder may assign additional water for agricultural rentals or recharge** ***which may be rented after the storage in the rental pool provided in rule 1.4 has been rented.*** **If refill of the storage system does not occur the following year and the additional rentals caused impacts as determined by the procedures developed by Water District 01, unless disapproved by the Director, then the assigning spaceholder's subsequent year's storage allocation shall be reduced by an amount equal to such impacts and that portion of his accrual will be reallocated to mitigate the impacts** ***to both participating and non-participating spaceholders' storage allocation.*** **One hundred percent (100%) of the rental price shall be paid to the assignor, less all established administrative fees and Board surcharges.**

1.9. **Spaceholders may also enter into private leases, either within a system or between systems, for agricultural purposes above Milner. The lease price may be different from the current rental price. One hundred percent (100%) of the lease price shall be paid to the Lessors less all established administration fees**

and Board surcharges. If refill of the storage system does not occur the following year and private leases caused impacts determined by the procedures developed by Water District 01, unless disapproved by the Director, then the lessor's subsequent year's storage allocation shall be reduced by an amount equal to such impacts.

1.10 The Watermaster of Water District 1 is hereby designated the Manager of the Water District 1 Rental Pool of the Committee of Nine.

RULE 2. DEFINITIONS.

2.1 ACRE-FOOT - a volume of water sufficient to cover one acre of land one foot deep and is equal to 43,560 cubic feet.

2.2. ALLOCATION – the amount of stored water of a spaceholder, including carryover, that has accrued to a spaceholder's storage space on the date of allocation of stored water and will be available for the spaceholder's use during the year of allocation.

2.3. ANNUAL - refers to the Water District 1 accounting year. The period starting November 1 and ending October 31 of the succeeding calendar year.

2.4. APPLICANT – any person who seeks to rent storage water from the Rental Pool by submitting a written request to rent storage water, accompanied by the required cash deposit.

2.5. ASSIGNOR – a spaceholder who has assigned storage to the Rental Pool pursuant to these procedures.

2.6. BOARD - the Idaho Water Resource Board.

2.7. BUREAU - the Bureau of Reclamation, Department of the Interior, United States of America, or USBR.

2.8. COMMITTEE - the Committee of Nine, the advisory committee selected by Water District 1 at their annual meeting, and appointed as the local committee by the Board pursuant to I.C. §42-1765.

2.9. DEPARTMENT - the Idaho Department of Water Resources or IDWR.

2.10. DIRECTOR - the director of the IDWR.

2.11 DISTRICT - Snake River Water District 1 of the State of Idaho.

2.12 **IMPACT FUND - The fund created by these procedures from a portion of certain rental receipts described in rule 1.6 above, held by the district for the benefit of the Committee for payment to spaceholders who have been impacted by past rentals of water.**

2.13. **LATE SEASON FILL –Additional storage that accrues after the date of allocation of storage in the year water is to be rented, and before the date of allocation of storage in the following year.**

2.14. **LEASE - a written agreement through which the watermaster is authorized to deliver storage rented from the Rental Pool to a point of diversion located in Water District 1.**

2.15 **LESSEE – person who leases from Committee or spaceholder.**

2.16 **LESSOR – Committee or Spaceholder who leases stored water to a Lessee.**

2.17 **MILNER - Milner Dam on the Snake River.**

2.18 **NET PROCEEDS - Rental Price per acre foot times the number of acre feet rented from late season fill.**

2.19. **PERSON - any individual, corporation, partnership, irrigation district, canal company, political subdivision or governmental agency.**

2.20. **RENT or RENTAL – act of leasing water from the Rental Pool.**

2.21. **RENTAL POOL – either the rental process established through actions of the Committee of Nine, the Board and these procedures or, the water supply that has been made available for lease or rental to other water users through a signed rental agreement that has been approved by the Watermaster pursuant to these procedures.**

2.22. **RENTAL POOL COMMITTEE - A sub-committee composed of the Water District 1 Watermaster, a designated representative from the Bureau of Reclamation and three or more members or alternates of the Committee of Nine who have been appointed by the Chairman of the Committee of Nine to serve on the Rental Pool Committee.**

2.23. **RENTAL PRICE – The price for each acre-foot of water rented as established by the Committee and approved by the Board for the current year, excluding the District's $.80 administrative fees and the Board's 10% surcharge.**

2.24. **RENTER – lessee of stored water.**

2.25. RESERVOIR SYSTEM CAPACITY – Useable reservoir system capacity for the reservoirs delivering water to the Water District 1 area, which has been determined to currently be 4,172,708 acre-feet.

2.26. SPACE - all or any portion of the active impoundment volume of a reservoir measured in acre-feet.

2.27. SPACEHOLDER – the person who holds the contractual right to the water stored in the space of a storage facility allocated to that person and distributed by the Watermaster of Water District 1.

2.28. STORAGE - the portion of the available space that contains stored water.

2.29. WATERMASTER - the watermaster of Water District 1.

2.30. WATER SUPPLY FORECAST – A forecasted unregulated runoff for the April 1 to September 30th time period at the Heise USGS gaging station.

RULE 3. GENERAL PROCEDURES.

3.1. It is the policy of the water users of Water District 1 and the Committee to operate the rental pool to achieve the maximum beneficial use of available surplus stored water.

3.2. The primary purpose in the operation of the rental pool will be to provide irrigation water to Spaceholders within Water District 1. These procedures are designed to assure that stored water made available through these procedures will not impact the allocation of any spaceholder without his consent or without his being made whole as far as possible. These procedures were developed to assure that an impacted spaceholder will be compensated to the extent the actual impact can be determined by the procedures developed by Water District 01, unless disapproved by the Director. It is the intent of the Committee that these procedures provide an adequate mechanisms to assure that additional storage is made available to renters while assuring that the storage water rights and water allocations of others are not adversely impacted by these procedures.

3.3. The operation of the rental pool shall in no way recognize any obligation to maintain flows below Milner Dam or to assure the minimum stream flows established at the USGS gaging station on the Snake River near Murphy.

3.4. **The operation of the rental pool shall be consistent with the statutes creating the Water Supply Bank, the rules and regulations of the Board, and the relevant provisions of the spaceholder's contracts with the United States.**

3.5. **Storage water available to the rental pool will be from those spaceholders who choose to participate and have submitted written notice of participation to the Watermaster's office in Idaho Falls. Unless specified otherwise an agreement to participate will be assumed to be effective until rescinded by the spaceholder. Any monies disbursed pursuant to these procedures will be limited to those who were participating spaceholders when the rental occurred.**

3.6. **Payments to participating spaceholders whose allocation was found to have been impacted in the current year by the rental of storage the previous year, will be made on or before July 15 of the current year. Payments shall be made from the impact fund created by these procedures. The amount of the payment shall be the current rental price for water used for agricultural purposes that would apply to any renter seeking water in the current year up to the number of acre feet impacted. However, impact payments in any one year shall not be greater than the participating spaceholder's pro-rata share of up to fifty percent (50%) of the impact fund, as determined by the formula set forth in Rule 7.2 below.**

3.7. **Should a non-participating spaceholder be impacted by the previous year's water rentals, sufficient water will be provided by increasing his allocation of storage in an amount equal to the impact through after-the-fact (end-of-the-year) accounting by adding the impacts of non-participating spaceholders proportionately to the impacts of participating spaceholders to eliminate the computed impact.**

3.8. **The Rental Pool Committee shall meet prior to July 1 of each year, evaluate the water supply situation and recommend to the Committee the amount of storage that will be made available through the rental pool for that year in excess of the amount established by Table 1 plus 55,000 acre-feet. The Committee of Nine will consider the Rental Pool Committee's recommendation in determining the amount of water that will be available to renters located above Milner. The amount of water for flow Augmentation shall be the amount of storage determined through the use of Figure 1 of Rule 3.10, unless it is determined by the Committee of Nine on or before July 1 of any year that extraordinary precipitation has occurred since the April 1 forecast which was not anticipated and which would substantially increase the storage in Water District 1 and would justify a determination by the Committee of Nine that a specific amount of storage will be available through the rental pool for flow augmentation for that year, notwithstanding Table 1 of Rule 3.10. The amount available for uses above Milner shall not be more than 55,000 acre-feet**

unless the rental requests made by those spaceholders impacted from the previous year's rentals exceed 50,000 acre-feet, such requests have been approved and no water has been assigned to the Rental Pool to meet such additional requests. In this case the minimum amount of water that will be available through the Rental Pool will be which ever is greater, the 50,000 acre-feet reserved for irrigation above Milner, or the amount of storage necessary to meet the demand of those shown to have been impacted by the previous year's rentals. Should impacted spaceholders request water after the 50,000 acre feet of storage reserved for irrigation has been leased, the Committee of Nine will meet and determine the amount of additional water that will be necessary to meet the requests of impacted spaceholders. Should additional water be deemed to be necessary, any participating spaceholder may elect to not participate in providing such additional water.

3.9 Two-party stored water leases within Water District 1, shall be transacted through the Water District 1 Rental Pool and shall be approved as to form by the Watermaster. Leases of storage by a spaceholder entity shall not count against the storage rental volume set by these procedures but shall be used in computing impacts the following year. Two-party leases shall not apply to deliveries for power generation or flow augmentation. Impacts will be provided with water as provided by Rule 1.9.

3.10 SEE TABLE 1 ATTACHED

RULE 4. MANAGEMENT.

4.1 The Rental Pool shall be operated pursuant to Idaho Code, Section 42-1761 through 42-1766, in accordance with these procedures.

4.2. A sub-committee of the Committee of Nine, known as the Rental Pool Committee, shall have the following general responsibilities:

A. To recommend needed changes in the general procedures regarding annual storage rentals.

B. To review these procedures and make recommendations to the Committee for necessary changes.

C. To advise the Committee of Nine on storage rental activities.

D. To develop recommendations for the annual Rental Pool supplies and rental rates.

E. To review monthly reports from the Watermaster as to applications, approvals and other similar rental pool items.

F. To assist the Watermaster in resolving disputes that may arise from the diversion of storage in excess of a storage lease or other storage entitlement.

4.3. The Watermaster shall manage the rental pool. The determination of impacts and those entitled to payment shall be based solely upon these procedures. The manager's authority shall include accepting water into the rental pool, executing rental agreements on behalf of the Committee of Nine, disbursing and investing funds generated through the rental of stored water with the advice and consent of the Rental Pool Committee, and distribution of water supplies from the rental pool. All funds invested shall be considered public funds for investment purposes and subject to the Public Depository Law, Chapter 1, Title 57, Idaho Code. The Committee of Nine, by resolution may assign specific responsibilities not covered in these procedures to the Rental Pool Committee.

RULE 5. PRIORITIES FOR RENTING WATER.

5.1 These procedures are intended to assure that spaceholders have the first priority in acquiring supplemental storage supplies from the Rental Pool. Priorities for renting water, other than for flow augmentation described in Rule 3.7 above, shall be as follows: (1) First priority: Spaceholders, who are rental pool participants and whose storage was found to have been impacted by rentals[1] from the previous year shall have the highest priority in acquiring rental water[2], up to the annual impact to that spaceholder[3]. Existing long term leases with the Committee shall be supplied first from any balance of the 5,000 acre feet reserved for small users, then from any assigned water and then finally from the 50,000 acre feet described in rule 3.8 above. (2) Second priority: Spaceholders, for agricultural purposes up to the amount of their unfilled storage space. (3) Third priority: Rental by non-spaceholders for agricultural purposes above Milner or other uses above Milner. (4) Fourth priority: Rental for uses below Milner.

---

[1] Impacts other than from additional supply for agricultural/recharge rentals and private leases.

[2] Nevertheless, this priority shall not apply for the rental of water for the 2005 irrigation season.

[3] Nevertheless, this priority shall not apply for the rental of water for the 2005 irrigation season.

However, the priority does not guarantee that irrigators will always receive stored water ahead of others seeking water from the rental pool. During times when storage supplies appear to be relatively abundant it is anticipated that water will be supplied in the order in which it is requested. Therefore, those desiring to rent water and preserve his priority in a limited supply must make application within fifteen (15) days following final storage allocation of the system during the year in which he desires to rent water.

Rental supplies for augmentation will be determined through the process provided in Figure 1 or the exception provided by Rule 3.8. Rental Pool supplies for uses above Milner Dam may be limited to 50,000 acre-feet.

5.2 **Because of the number of small users and the attendant regulation costs, those seeking to rent less than 100 acre-feet of storage per point of diversion, unless additional rental of storage water at that point of diversion under this Rule is approved by the Committee, will be approved in the same order in which their rental applications are received by the Watermaster so long as the total amount of these requests do not exceed 5,000 acre-feet of storage. Rental supplies for the 5,000 acre-feet will also be determined through the late season fill and after the fact accounting process described herein.**

RULE 6. LEASE APPLICATIONS, PAYMENTS AND WATER COSTS.

6.1. **The price for the storage rented from the rental pool:**

A. **If the storage system fills, the Rental Price, excluding the Rental Price for flow augmentation, shall be $5.00 per acre foot plus the District's administrative fee ($.80) and the Board surcharge (10%). If the storage system does not fill but water is provided for flow augmentation, the Rental Price, excluding the Rental Price for flow augmentation, shall be $12.00 per acre foot plus the District's administrative fee ($.80) and the Board surcharge (10%). If the storage system does not fill and no flow augmentation water is provided pursuant to Rule 3.8 and Rule 3.10 above and Rule 6.1B, the Rental Price shall be $18.00 per acre foot plus the District's administrative fee ($.80) and the Board surcharge (10%).**

B. **The Rental Price for water provided pursuant to Rule 3.10 and any other water for below Milner shall be $12.00 per acre foot plus the District's administrative fee ($.80) and the Board surcharge (10%), or as further approved by the Committee.**

6.2 All lease monies held by the District for and on behalf of the Committee will be held in a separate interest-bearing account. Accrued interest will be first used to maintain the fund that is used by the Committee to pay impacted Spaceholders. Excess funds generated will be available to the Committee for authorized uses including funds generated by the Impact Fund set up pursuant to Rule 7.2 below.

6.3. Applications to lease storage shall be initiated upon forms provided by the Watermaster and shall include the following information:

A. The legal description of the point of diversion and the place of use.

B. The amount of water being leased.

C. The common name of the point of diversion. (e.g. Milner Dam, Harrison Canal, Covington pump etc.)

D. The beneficial use to be achieved through the delivery of water from the rented space. (e.g. irrigation, power production, recreation)

6.4. Applications must be received with the appropriate rental fee determined to be due in Rule 6.1. No applications will be accepted before April 5 of the year in which the rented water will be used.

RULE 7 SUPPLIER PAYMENTS

7.1 All monies submitted by applicants as provided in Rule 6 shall be deposited in an interest-bearing Rental Pool account established by the Committee for the potential rental of water. Monies in this account used to rent water shall represent Rental Pool funds that can be paid out to participating spaceholders, District administrative fees and Board surcharges at the end of the irrigation year. Money in this account will be disbursed as set forth below:

A. 70% of the Net Proceeds shall be paid pursuant to the formula set forth in Rule 1.5 above.

B. 30% of the Net Proceeds shall be paid to the Impact Fund as set forth in Rule 7.2 below.

C. 10% of the Rental Price of rented water shall be paid to the Board.

D. $.80 per acre foot of rented water shall be paid to the District.

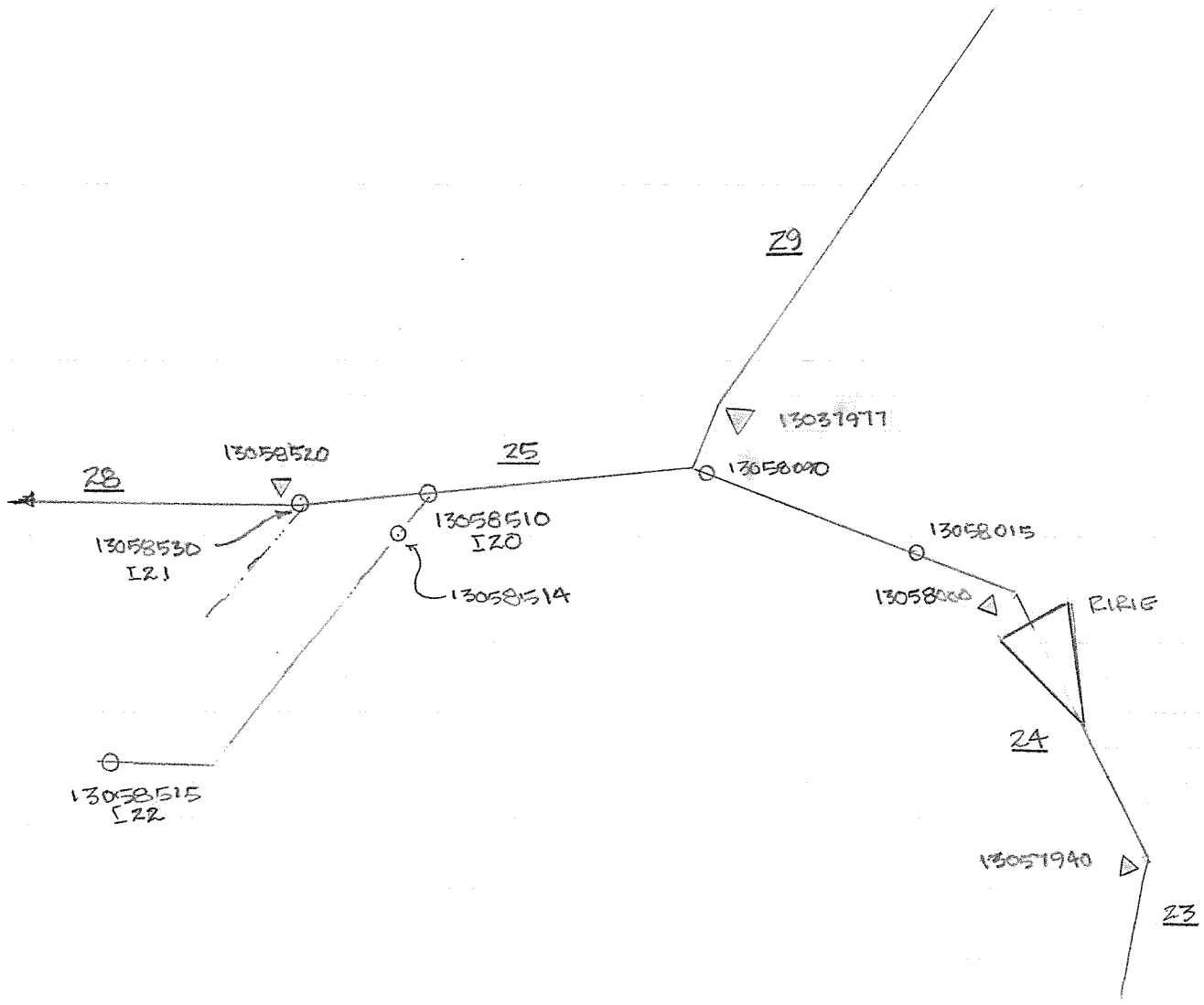
E. All accrued interest shall be paid to the Impact Fund.

F. Balances of the account that are not used to rent water shall be refunded to applicants.

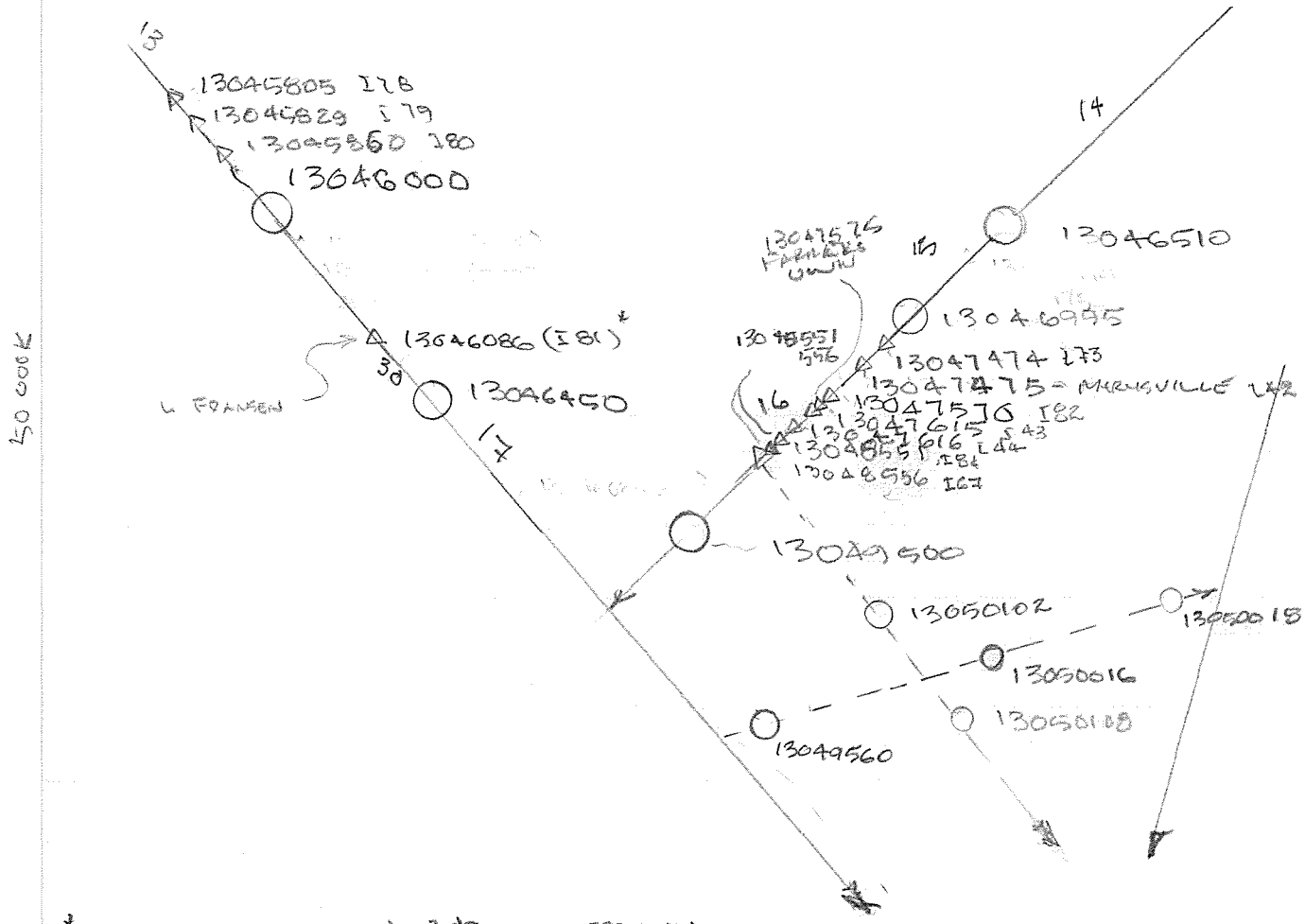
7.2 An Impact Fund shall be created pursuant to these procedures by the District on behalf of the Committee to hold 30% of the Net Proceeds for the benefit of impacted participating spaceholders. Proceeds from the Impact Fund shall be paid to participating spaceholders who, by these procedures, have been determined to have provided water for the previous years rentals, pursuant to the provisions set forth in Rule 3.6 above using the following formula:

Sp = (Isp*RP) or ½ IF*(Isp/Ispt) (whichever sum is less)
Where:
Sp = Impacted Spaceholder payment per Acre Foot
Isp = Spaceholder's impacted space in acre feet
RP = Rental Price
IF = Impact Fund
Ispt = Total of all Spaceholder's impacted space in acre feet

DIAGRAMS


29
130379777
130580520
28
25
130580090
130580530
I21
130580510
I20
130580514
130580515
I22
130580015
130580060
R.IRIE
24
130571940
23

V95 V96 V97
W45 W46 W47
W95 W96



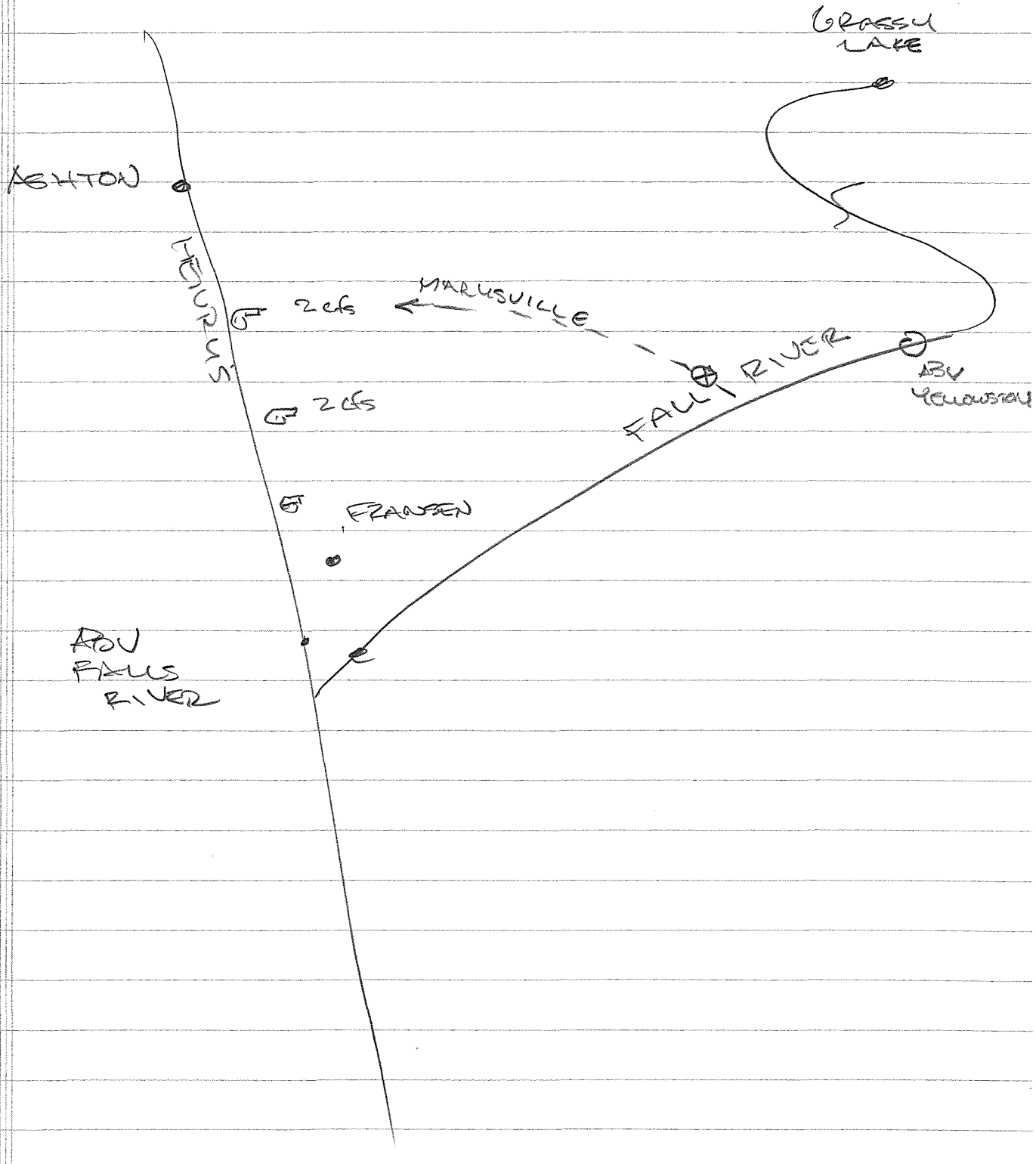
* FRANSEN COMBINED W/ 240 FARMERS OWN

MAY
APR 1, 2

1440

726 290 113

USGS ID TYPE DATE FLOW VALS...


GRASS LAKE
ASHTON
HENRYS FK
2 cfs
MARYSVILLE
FALL RIVER
ABV YELLOWSTONE
2 cfs
FRANSEN
ABV FALLS RIVER

```
C
C----SECTION 37-1, PART 6
C****CORRECT REACHES 15, 16, 30 & 13 FOR DIVERSION OF NATURAL FLOW BY
C****STURM 1&2, W C DAVIS, EGBERT # 5 & 2, D LARSON, L FRANSEN, H GRIFFEL,
C****AND C ATCHELY # 1 & 2 PUMPS SHARING MARYSVILLE CANAL RIGHT.

      CORNF=RD(I42)-DIV(I43)-DIV(I44)-DIV(I67)-DIV(I78)-DIV(I79)
     1-DIV(I80)-DIV(I81)-DIV(I82)-DIV(I83)-DIV(I84)
      IF(CORNF.GE.0.0) GO TO 124
      TD(15)=TD(15)+CORNF
      RF(15)=RF(15)+CORNF
      CORNF=CORNF*(-1.0)
      CORDV=DIV(I67)+DIV(I43)+DIV(I44)+DIV(I82)+DIV(I83)+DIV(I84)
      IF(CORDV.GE.CORNF) GO TO 361
      CORNF=CORNF-CORDV
      TD(16)=TD(16)+CORDV
      RF(16)=RF(16)-CORDV
      CORDV=DIV(I81)
      IF(CORDV.GE.CORNF) THEN
          TD(30)=TD(30)+CORNF
          RF(30)=RF(30)-CORNF
          GO TO 124
      ELSE IF(CORDV.LT.CORNF)THEN
          TD(30)=TD(30)+CORDV
          CORNF=CORNF-CORDV
          TD(13)=TD(13)+CORNF
          RF(13)=RF(13)-CORNF
          RF(30)=RF(30)-CORDV
          END IF
      GO TO 124
  361 TD(16)=TD(16)+CORNF
  124 CONTINUE
C
```

THIS IS AFTER TD IS CALC'D
DIV = DIVERSION MADE FROM NATURAL FLOW

I73 ?

I73

FR DIVS

I42 = 13047475
I43 = 13047615
I44 = 13047616
I67 = 1304 8556
I78 = 13045805
I79 = 13045829
I80 = 13045860
I81 = 13046086
I82 = 13047570
I73 = 13047474 — ! MISSING FROM RPTS @ I SHP
I 84 = 13048555
RD(I42)

21 - 10944
21 - 75
21 - 73J
21 - 73B
21 - 73D
21 - 73F
21 - 48
21 - 49
21 - 114C — D?

I73 1092.8 CFS
800 AC-FT

I83 = 32.43

CORRECT I73 TO I83 ok

IDAHO DEPARTMENT OF WATER RESOURCES
RECOMMENDED WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 21-48

NAME AND ADDRESS: NORTH FREMONT CANAL SYSTEMS INC
C/O LON ATCHLEY
PO BOX 241
ASHTON ID 83420

SOURCE: FALL RIVER TRIBUTARY: HENRYS FORK

QUANTITY: 34.000 CFS

PRIORITY DATE: 04/01/1896

POINT OF DIVERSION:
T08N R42E S4 NENE Within FREMONT County
T08N R42E S21 NESE Within FREMONT County
T09N R42E S13 SWNW Within FREMONT County
T09N R42E S23 NWNE Within FREMONT County
T09N R42E S23 NESE Within FREMONT County
T09N R42E S25 NWNE Within FREMONT County
T09N R43E S35 NESE Within FREMONT County
T09N R44E S35 NWNW Within FREMONT County
T09N R45E S33 NWSW Within FREMONT County
Two points of diversion are located within NESE, S35, T09N, R43E.

PURPOSE AND PERIOD OF USE:

PURPOSE OF USE	PERIOD OF USE	QUANTITY
IRRIGATION	04/15 10/15	34.000 CFS

PLACE OF USE:

31539 ACRES TOTAL

The boundary encompassing the place of use for this water right is described with a digital boundary as defined by I.C. Section 42-202B(2) and authorized pursuant to I.C. Section 42-1411(2)(h). The data comprising the digital boundary are incorporated herein by reference and are stored on a CD-ROM disk issued in duplicate originals on file with the SRBA District Court and the Idaho Department of Water Resources. A map depicting the place of use is attached hereto to illustrate the place of use described by the digital boundary.

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Decreed

Water is delivered through North Fremont Canal Systems.

THE FOLLOWING RIGHTS ARE DIVERTED THROUGH POINTS OF DIVERSION DESCRIBED ABOVE: 21-00048, 21-00114D, 21-00049, 21-10944, 21-00075, 21-00073J, 21-00073F, 21-00073D, 21-00073B

```
C----SECTION  2-1, PART 2
C****ISPEC = IDENTIFICATION NUMBERS OF CANALS FOR WHICH SPECIAL
C****COMPUTATIONS MUST BE MADE TO DETERMINE DIVERSION RATES TO BE
C****USED FOR WATER RIGHT ALLOCATION.
C
      DATA ISPEC/13080000,13080500,13085800,13087000,13086520,13086530,
     113086510,13087500,13049561,13049560,13037505,13037975,13038204,
     213038205,13057135,13057250,13048560,13049725,13050530,13058510,
     313058530,13058515,13057025,13057021,13057014,13057015,13057018,
     413061525,13061522,13061705,13055040,13038025,13038386,13057171,
     513038180,13061520,13061685,13058015,13058519,13038225,13038340,
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     713047575,13038372,13038110,13057144,13059525,13060055,13057115,
     813057117,13057121,13038382,13054772,13061521,13055042,13057012,
     913061677,13037855,13037860,13037880,13048556,13084590,13084598,
     X13084610,13084720,13085390,13047474,13086512,13048060,13055193,
     113048255,13045805,13045829,13045860,13046086,13047570,13055039,
     213048551,13061625,13086000,13059505,13059510,13059515,13059520,
     313060500,13060501,13038115,13038151,13038183,13057140,13057143,
     413055205,13055295,13047681,13048265,13038350,13055263,13055295,
     513058015,13038075,13038081,13048080,13047900,13055032,13055033,
     613055036,13055037,13055039,13038363,13048280,13048275,13057013,
     713055315,13055325,13038050,13045810,13045811 /
C

C I42 IS MARYSVILLE, I43 IS R STRUM #2, I44 IS R STRUM #1, I67 IS
C W C DAVIS, I73 IS ATCHLEY PMPS, I78 IS Z EGBERT #1, I79 IS D PHELPS
C I80 IS Z EGBERT #3, I82 IS G/6, I84 IS C ATCHLEY
      RD(I42)=RD(I42)+DIV(I43)+DIV(I44)+DIV(I67)+DIV(I73)+DIV(I78)
     1 +DIV(I79)+DIV(I80)+DIV(I82)+DIV(I84)
      RD(I43)=0.0
      RD(I44)=0.0
      RD(I67)=0.0
      RD(I73)=0.0
      RD(I78)=0.0
      RD(I79)=0.0
      RD(I80)=0.0
      RD(I82)=0.0
      RD(I84)=0.0

C
C----SECTION 37-1, PART 6
C****CORRECT REACHES 15, 16, 30 & 13  FOR DIVERSION OF NATURAL FLOW BY
C****STURM 1&2, W C DAVIS, EGBERT # 5 & 2, D LARSON, L FRANSEN, H GRIFFEL,
C****AND H. GRIFFEL PUMPS SHARING MARYSVILLE CANAL RIGHT.
C
      CORNF=RD(I42)-DIV(I43)-DIV(I44)-DIV(I67)-DIV(I78)-DIV(I79)
     1-DIV(I80)-DIV(I82)-DIV(I73)-DIV(I84)
      IF(CORNF.GE.0.0) GO TO 124
      TD(15)=TD(15)+CORNF
      RF(15)=RF(15)-CORNF
      CORNF=CORNF*(-1.0)
      CORDV=DIV(I67)+DIV(I43)+DIV(I44)+DIV(I82)+DIV(I73)+DIV(I84)
      IF(CORDV.GE.CORNF) GO TO 361
      CORNF=CORNF-CORDV
      TD(16)=TD(16)+CORDV
      RF(16)=RF(16)-CORDV
```

```
C       CORDV=DIV(I81)                    !MOVE TO FUTURE SEC 37-1 PART 6A
C       IF(CORDV.GE.CORNF) THEN !TO ACCOUNT FOR FARMER'S OWN/
C           TD(30)=TD(30)+CORNF !ATCHLEY COMBINED RIGHT V1.2
C           RF(30)=RF(30)-CORNF
C           GO TO 124
C       ELSE IF(CORDV.LT.CORNF)THEN
C           TD(30)=TD(30)+CORDV
C           CORNF=CORNF-CORDV
C           TD(13)=TD(13)+CORNF
C           RF(13)=RF(13)-CORNF
C           RF(30)=RF(30)-CORDV
C           END IF
      GO TO 124
  361 TD(16)=TD(16)+CORNF
  124 CONTINUE
C
```

```
C I42 IS MARYSVILLE, I43 IS R STRUM #2, I44 IS R STRUM #1, I67 IS
C W C DAVIS, I73 IS ATCHLEY PMPS, I78 IS Z EGBERT #1, I79 IS D PHELPS
C I80 IS Z EGBERT #3, I82 IS G/6, I84 IS C ATCHLEY
      RD(I42)=RD(I42)+DIV(I43)+DIV(I44)+DIV(I67)+DIV(I73)+DIV(I78)
     1 +DIV(I79)+DIV(I80)+DIV(I82)+DIV(I84)
      RD(I43)=0.0
      RD(I44)=0.0
      RD(I67)=0.0
      RD(I73)=0.0
      RD(I78)=0.0
      RD(I79)=0.0
      RD(I80)=0.0
      RD(I82)=0.0
      RD(I84)=0.0
C I49 IS FARMERS OWN, I81 IS L FRANSEN     v2.2
      RD(I49)=RD(I49)+DIV(I81)
      RD(I81)=0.0
```

I83?

I83 = MCKINNLEY

13047474 = I73

13058340

20061220

TABLE 6. 2006 WATER DISTRICT 65 RESERVOIR TOTAL STORAGE - OCTOBER 31 (ACRE-FEET)

RESERVOIR	CARRYOVER	LATE FILL	TOTAL
DEADWOOD	103025.0	7337.2	110362.2
UPPER LAKES	1230.4	0.0	1230.4
PAYETTE LAKE	3289.5	1052.1	4341.6
CASCADE	353562.7	4444.8	358007.5
UNACCOUNTED *	38951.0	0.0	38951.0
TOTAL	500058.7	12834.1	512892.8

*Black Canyon releases made from 10/14/2006 to 10/31/2006 are subtracted from the unaccounted storage taken from the accounting report.

13048023
13046023
= HFA±

		9-16
1380	1374.21	9.17
1360	1339.77	9.18
	1309.78	9.19
1310	1257.04	
1300		

80,79.78

27-873J

9 PODS

25
247.6
45
317.6

11/5/95

JN 8 96

MEMO	2nd proof	10 SEC
13045805	✓	78
13045823		
13044829	✓	79
13045860	✓	80
13046086	✓	81
13047570	✓	82
13047615	✓	43
13047616	✓	44
13048480	✓	4 N/A 4
13048591	✓	84
13048596	✓	67
13047480	✓	4 N/A 4
~~13047615~~		

13048556

ID	IDATE	P	ICN	IV	SVL	JR	KBG	KEN	COMMENT
281	18890601	272230	13048560	0	0	0	91	181	21-12956
283	18890601	178220	13048560	0	0	0	91	304	21-12953
282	18890601	161100	13048560	0	0	0	1	365	21-12953

CORNF = RD(I7) - DIV(I9)

CORNF LT 6.0

T

RD = DIV - NF

~~RD2=~~

RD DIV 17 - NF17 - NF9

NF9 + RD9

CORNF = RD 17 - ~~DIV I9~~

RD 17 = NF 17 + ~~RD17~~ DIV 17

CORNF = DIV 17 - NF 17 - [NF9 + RD9]

January 8, 1996

North Fremont Canal Systems, Inc.
c/o Jeff Marotz
1245 N 4300 E
Ashton, Idaho 83240

RE: Water Delivery to North Fremont Canal System

Dear Mr. Marotz:

The Department of Water Resources (IDWR) Transfer of Water Right #4014, approved October 2, 1995, changes or adds points of diversion to ten water rights within the North Fremont Canal System. One of the conditions on the transfer is **"The right holder shall provide the watermaster of State Water District No. 01, Snake River, with a water right distribution summary prior to each irrigation season designating the amount of water to be diverted from each point of diversion and specifying the associated water right number(s) and date of priority."**

The North Fremont Canal System consists of the Yellowstone Canal, Marysville Canal, Farmers Own Canal and several pumps along the Falls River, Henrys Fork and its tributaries. The location of the pump diversions are as follows:

DIVERSION #	NAME	LOCATION
13045805	Egbert	T09N R42E S13 SWNW
13045823	Baker	S25 NWNE
13045829	Larsen	S23 NESE
13045860	Egbert	S23 NWNE
13046086	Fransen	T08N R42E S04 NENE
13047570	Griffel	T09N R43E S35 NESE
13047615	Sturm	T08N R43E S04 SENW
13047616	Sturm	S04 SENW
13048480	Martindale	T08N R42E S21 NESE
13048551	Potter	S20 SESE
13048556	Davis	S20 SWSE

ATCHLEY #2 IS (GONE) USED TO BE MARINDALE

ATCHLEY IS NOW 7474

GONE?

NOW ATCHLEY 7474

Additionally, the Atchley pumps (13047480) are located on the Marysville Canal between the headgate on Falls River and the WD01 measuring weir. Diversions 13047615, 13047616, and 13048556 were not included in Transfer #4014, however, they were added to the 1895 Marysville Right under previous Transfers #3273 and #3456.

= REPLACED

Water District No. 01 proposes the following regulation and delivery schedule for the upcoming irrigation season(s). All pump diversions (except 13045823) shall share in the 1895 Marysville natural-flow right.

DIVERSION	IDWR #		PRIORITY	CFS	200 SJ	RTS
Yellowstone	21-00073	*	Nov 5, 1895	25.0	25	35
	21-00140	*	May 1, 1906	100.0		
				=====		
				125.0		
Marysville **	21-00073	*	Nov 5, 1895	260.0	247.6	245
Farmers Own	21-00114C		Jun 1, 1890	1.2		
	21-00114D	*	Jun 1, 1890	2.8		
	21-00074A		Jun 1, 1892	0.5		
	21-00038		Jun 1, 1892	1.4		
	21-00075	*	Jun 1, 1894	3.0		
	21-00115A		Jun 1, 1894	0.3		
	21-00073	*	Nov 5, 1895	45.0	45	37.66
	21-00048	*	Apr 1, 1896	34.0		
	21-00049	*	May 1, 1904	12.0		
	21-00050	*	May 1, 1905	40.0		
	21-00167		Apr 1, 1939	12.0		
				=====		
				152.2		
Baker Pump (13045823)	21-00154		Jun 1, 1889	5.38		

* Water rights listed on Transfer #4014.
** Includes pump diversions 13045805,13045829,13045860 13046086,13047480,13047570,13047615,13047616,13048556, 13048551, and 13048480.

If you do not agree with this proposed regulation and delivery schedule, please contact me before the beginning of the irrigation season, April 1, 1996. It would be best to discuss any changes at the earliest possible time to insure proper delivery of the North Fremont Canal System water rights for the upcoming season.

Sincerely,

Tony Olenichak
Deputy Watermaster

cc: Dale Swensen, Fremont-Madison Irrigation District
Sheryl Howe, IDWR Hydrology Section

M E M O R A N D U M

TO: Adjudication Files with Water Right Nos. 21-0048, 21-0049, 21-0050, 21-0073, 21-0075, & 21-0114.

FROM: Tony Olenichak, Water District #1

DATE: January 8, 1996

RE: North Fremont Canal System Water Delivery

Water District #1 has previously delivered natural flow independently to the Yellowstone, Marysville, and Farmers Own Canals, with each canal possessing its own individual water rights. Points of diversion have been added to the Marysville water right as pumps have been installed to improve conveyance to its shareholders. The pump owners within the Marysville system included: Potter, Martindale, Egbert, Sturm, and Davis, documented in Transfers #1675, #1881, #2665, #3273, and #3456.

Apparently, there was also an unrecorded agreement to carry portions of the 1895 Marysville natural flow right to its shareholders using the Yellowstone and Farmers Own Canals. Ron Carlson, Watermaster, recommended the canal companies organize together and file a transfer with IDWR to properly record this water right change. Upon approval of the transfer, Water District #1 would update its water-right accounting program to account for the Marysville water being carried by the other canals.

The Department of Water Resources (IDWR) Transfer of Water Right #4014, approved October 2, 1995, changes or adds points of diversion to ten water rights within the North Fremont Canal System. The Water District #1 water-right deliveries for the Marysville, Yellowstone, Farmers Own, and associated pumpers prior to the approval of Transfer #4014 were as follows:

CANAL	IDWR #	PRIORITY	CFS
Yellowstone	21-0140	May 1, 1906	100.0
Marysville	21-0073J	Nov 5, 1895	317.66
(Sturm)	*21-0073E		(added P/D)
(Potter)	21-0073B		4.0
(Martindale)	21-0073D		4.0
(Egbert)	21-0073F		3.92
(Davis)	*21-0073H		0.42
			330.00

CANAL	IDWR #	PRIORITY	CFS
Farmers Own	**21-0114	Jun 1, 1890	4.0
	*21-0074A	Jun 1, 1892	0.5
	*21-0038	Jun 1, 1892	1.4
	21-0075	Jun 1, 1894	3.0
	*21-0115A	Jun 1, 1894	0.3
	21-0048	Apr 1, 1896	34.0
	21-0049	May 1, 1904	12.0
	21-0050	May 1, 1905	40.0
	*21-0167	Apr 1, 1939	12.0
			=====
			107.2

* **Not included on Transfer #4014.**
** **Only 2.8 cfs of 4.0 cfs included on Transfer #4014.**

Transfer #4014 was filed by North Fremont Canal System to document the use of natural flow rights by the three canals and to add the points of diversion for pumps owned by Griffel, Fransen, Larsen, and Baker. However, the transfer omitted points of diversion for Sturm Farms and the "*" water rights listed in the above table.

I'm not sure why the water rights previously delivered by Water District #1 to the canals and pumps within the North Fremont Canal System were omitted from Transfer #4014. It appears the omission of the Sturm Farms pumps may have resulted due to the IDWR computer coding of the water right following the approval of Transfer #3456. The 317.66 cfs portion of water right 21-0073G did not include the Sturm Farms points-of-diversion which were previously added by Transfer #3273.

Assuming the omitted water rights are still active, Transfer #4014 then presents a problem in the administration of water right delivery. If the eleven points of diversion share the ten water rights listed on Transfer #4014 and, in addition, the six omitted water rights are still appurtenant to only a specific canal or pump involved in Transfer #4014, it then becomes an impossible task of calculating when a canal or pump has reached its limited supply. In order to provide for adequate accounting procedures, points of diversion within the North Fremont Canal System must share **all** water rights, or each point of diversion must have a specified portion (quantity) of each water right.

After reviewing previous transfers/deliveries, the new transfer, and discussing the situation with Ron Carlson, I have sent the attached water delivery proposal to North Fremont Canal Systems for the 1996 irrigation season.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WATER RIGHT TRANSFER

Water Right Distribution Summary for:

North Fremont Canal Systems, Inc.

Point of Diversion: ~~SW4SW4~~ NW SW SEC. ~~32~~ 33 TWP. 9N RGE. 45E B.M. FREMONT CY

Diversion Name: YELLOWSTONE CANAL 13047305

Water Rights: Right Number	Priority	Amount (CFS)	
21-00073J*	11/05/1895	25	35
21-00140	05/01/1906	100	

Point of Diversion: NW4NW4 SEC. 35 TWP. 9N RGE. 44E B.M. FREMONT CY

Diversion Name: MARYSVILLE CANAL 13047475

Water Rights: Right Number	Priority	Amount (CFS)	
21-00073J*	11/05/1895	247.66	245

*Right identified by both 21-00073J & 21-00073G

Point of Diversion: ~~NE4SW4~~ NE SE SEC. 35 TWP. 9N RGE. 43E B.M. FREMONT CY

Diversion Name: FARMERS OWN CANAL 13047575

Water Rights: Right Number	Priority	Amount (CFS)	
21-00114	06/01/1890	2.8	
21-00073J*	11/05/1895	45	37.66
21-00048	04/01/1896	34	
21-00049	05/01/1904	12	
21-00050	05/01/1905	40	

Point of Diversion: NE4SE4 SEC. 35 TWP. 9N RGE. 43E B.M. FREMONT CY

Diversion Name: ~~LOUIS J. MAURER~~ North Gr. Ditch DIVERSION

Water Rights: Right Number	Priority	Amount (CFS)
21-00075	06/01/1894	3

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OCT 03 1995

Point of Diversion: SE4SE4 SEC. ~~20~~ 32 TWP. 8N RGE. 42E B.M. FREMONT CY

Diversion Name: POTTER PUMP 13048352

Water Rights: Right Number	Priority	Amount (CFS)
21-00073B	11/05/1895	4

Point of Diversion: NE4SE4 SEC. 21 TWP. 8N RGE. 42E B.M. FREMONT CY

Diversion Name: MARTINDALE PUMP 13048480

Water Rights: Right Number	Priority	Amount (CFS)
21-00073D	11/05/1895	4

Point of Diversion: SW4NW4 SEC. 13 TWP. 9N RGE. 42E B.M. FREMONT CY
NW4NE4 SEC. 23 TWP. 9N RGE. 42E B.M. FREMONT CY

PD'S On Henry's Fork & Spring Creek respectively

Diversion Name: EGBERT PUMP(S) 13048560

Water Rights: Right Number	Priority	Amount (CFS)
21-00073F	11/05/1895	3.92

CONDITIONS FOR DISTRIBUTION UNDER THIS TRANSFER:

1. The water rights of the North Fremont Canal Systems, Inc. shall be distributed according to this schedule unless a different distribution schedule, (within the approved points of diversion and place of use), is requested by North Fremont Canal Systems, Inc. Prior to the start of the irrigation season.

2. The assignment of available storage among the various points of diversion shall be provided to the Snake River Watermaster by the North Fremont Canal Systems prior to the storage being delivered, if the company does not wish storage to be uniformly available to all diversions listed in the distribution schedule

3. A measuring device of a type approved by the Watermaster shall be permanently installed and maintained at each point of diversion.

4. Each diversion shall be equipped with a lockable diversion works suitable for regulation by the watermaster.

RECEIVED
OCT 03 1995

11/5/1895

329.58

1 WATER DISTRICT 01 - SNAKE RIVER FLOW ACCOUNTING (VER 1.1PC) - J 2005 20060505

	REA	WS IN CFS		ACTUAL DATE	NATURAL FLOW	ACTUAL FLOW	REMAINING NAT FLOW	POWER FLOW	STORED FLOW	RESRVOIR EVAP	TOTAL FLOW DIV	TOTAL RCH DIV	REACH GAIN	LAST RIGHT
1		TO MORAN		JUN 29	2407.	1990.	2407.	0.	-417.	0.	0.	0.	2407.	19030326
33		MORAN TO ALPINE		JUN 29	9017.	8600.	9017.	0.	-417.	0.	0.	0.	6610.	19030326
34		SALT RIVER ABV RES		JUN 29	1400.	1400.	1400.	0.	0.	0.	0.	0.	1400.	19030326
35		GREYS RIVER ABV RES		JUN 29	1390.	1390.	1390.	0.	0.	0.	0.	0.	1390.	19030326
2		ALPINE TO IRWIN		JUN 30	11251.	10600.	11251.	0.	-651.	118.	0.	0.	-556.	19030326
3		IRWIN TO HEISE		JUN 30	12144.	11400.	12057.	0.	-657.	0.	87.	93.	893.	19030326
4		HEISE TO BLW DRY BED	*	JUN 30	12144.	5767.	7731.	0.	-1964.	0.	4326.	5103.	0.	19030326
32		BLW DRY BED TO LORENZO		JUN 30	12044.	4910.	6939.	0.	-2029.	0.	692.	720.	-100.	19030326
11		TO HENRYS LAKE		JUN 27	127.	18.	127.	0.	-109.	0.	0.	0.	127.	19030326
12		HENRYS L TO ISLAND PARK		JUN 28	700.	973.	700.	0.	273.	0.	0.	0.	572.	19030326
13		ISLAND PARK TO ASHTON		JUN 29	1613.	1870.	1609.	0.	261.	0.	4.	16.	913.	19030326
30		ASHTON TO AB FALLS RIVER	*	JUN 29	1613.	1844.	1585.	0.	258.	0.	23.	26.	0.	19030326
14		TO GRASSY LAKE		JUN 29	9.	0.	9.	0.	-9.	0.	0.	0.	9.	19030326
15		GRASSY LK TO ABV YELLOW		JUN 29	1179.	1170.	1179.	0.	-9.	0.	0.	0.	1170.	19030326
16		ABV YELLOW TO CHESTER		JUN 29	1228.	616.	742.	0.	-126.	0.	485.	602.	48.	19030326
17		AB FALLS R TO ST ANTHONY		JUN 29	2956.	1540.	1510.	0.	30.	0.	933.	1024.	115.	19030326
10		ST ANTHONY TO AB NF TETN	*	JUN 29	2956.	873.	843.	0.	30.	0.	667.	667.	0.	19030326
18		AB S LEIGH TO ST ANTHONY		JUN 29	1626.	1570.	1584.	0.	-14.	0.	42.	132.	1626.	19030326
19		ST ANTH TO TETON FORKS		JUN 29	1632.	933.	948.	0.	-15.	0.	642.	643.	6.	19030326
47		TETON FORKS TO MOUTH	*	JUN 29	1632.	915.	930.	0.	-15.	0.	18.	18.	0.	19030326
20		AB NF TETN TO REXBURG		JUN 30	5219.	2420.	2405.	0.	15.	0.	0.	0.	632.	19030326
21		LORENZO TO MENAN	*	JUN 30	17263.	7046.	9060.	0.	-2014.	0.	284.	284.	0.	19030326
5		MENAN TO NR IDAHO FALLS		JUN 30	17568.	6280.	7814.	0.	-1534.	0.	1550.	1566.	304.	19030326
36		NR ID FALLS TO AB WLW CR	*	JUN 30	17568.	5924.	7563.	0.	-1639.	0.	252.	356.	0.	19030326
23		WILLOW CRK BLW TEX CREEK		JUN 30	76.	74.	74.	0.	0.	0.	2.	2.	76.	18850401
24		BLW TEX CREEK TO NR RIRI		JUN 30	76.	91.	74.	0.	17.	12.	0.	0.	0.	18850401
25		NR RIRIE TO FDWY NR UCON		JUN 30	65.	0.	0.	0.	0.	0.	64.	758.	-10.	18850401
28		FDWY NR UCON TO END	*	JUN 30	65.	0.	0.	0.	0.	0.	0.	0.	0.	18850401
31		WILLOW CRK TO SHELLEY		JUL 1	17900.	5730.	7318.	0.	-1588.	0.	512.	512.	267.	19030326
6		SHELLEY TO AT BLACKFOOT		JUL 1	17583.	2230.	3899.	0.	-1669.	0.	3102.	3243.	-318.	19030326
22		AT BLKFOOT TO BLW BLKFT	*	JUL 1	17583.	2092.	3765.	0.	-1673.	0.	134.	138.	0.	19030326
38		BLW BLKFT TO NR BLKFOOT		JUL 2	17385.	1720.	3567.	0.	-1847.	0.	0.	0.	-198.	19030326
39		PORTNUEF R AT POCATELLO		JUL 2	108.	108.	108.	0.	0.	0.	0.	0.	108.	19030326
7		NR BLACKFOOT TO NEELEY		JUL 3	18726.	13400.	4908.	0.	8492.	100.	0.	298.	1233.	19030326
8		NEELEY TO MINIDOKA		JUL 3	17982.	9580.	2614.	0.	6966.	117.	1550.	2604.	-744.	19030326
9		MINIDOKA TO MILNER		JUL 4	18817.	1541.	0.	0.	1541.	0.	3449.	8703.	834.	19030326

* - INDICATES FLOW ESTIMATED, NOT MEASURED TOTALS 18817. 27509. 18817.

	RESERVOIR	PREVIOUS AF	CURRNT AF	CHNG CFS	ACCRD CFS	TOTAL AF	EVAP AF
1	JACKSON LAKE	535640.0	535868.0	114.9	0.0	630784.9	0.0
2	PALISADES	1085123.0	1085741.0	311.6	0.0	442395.8	8553.6
3	HENRYS LAKE	87770.0	87770.0	0.0	0.0	22936.3	0.0
4	ISLAND PARK	127958.0	127649.0	-155.8	0.0	82777.1	2900.8
5	GRASSY LAKE	7665.1	7679.5	7.3	0.0	1095.3	0.0
6	RIRIE	60344.0	60264.0	-40.3	0.0	0.0	1056.1
7	AMERICAN FALLS	1286938.0	1268379.0	-9356.7	0.0	1672590.0	10241.2
8	LAKE WALCOTT	93319.0	94300.0	494.6	0.0	95200.0	10494.9
9	LAKE MILNER	37500.0	37600.0	50.4	0.0	0.0	0.0
	TOTAL	3322257.1	3305250.5	-8574.0	0.0	2947779.3	33246.7

	CHANGE IN CONTENT	STORAGE DIVERTED	STO PAST MILNER	TOTAL STORED	UNACCT STORED	AM FALLS GAIN DIFF
YEAR-TO-DATE AF	2668822.5	176335.5	85003.4	2947779.3	9843.0	-3358.7

	PRIORITY	RESERVOIR	AF RIGHT	AF STORED
	1	JACKSON LAKE	298981.0	298981.0
	2	LAKE WALCOTT	95200.0	95200.0
	3	JACKSON LAKE	138829.0	138829.0
	4	JACKSON LAKE	409190.0	192974.9
	5	HENRYS LAKE	79350.0	22936.3
	6	PALISADES	259600.0	259600.0
	7	ISLAND PARK	45000.0	45000.0
	8	AMERICAN FALLS	156830.0	156830.0
	9	AMERICAN FALLS	1515760.0	1515760.0
	10	ISLAND PARK	90000.0	37777.1
	11	GRASSY LAKE	15204.0	1095.3
	12	PALISADES	940400.0	182795.8
	13	HENRYS LAKE	10650.0	0.0
	14	RIRIE	80500.0	0.0
	15	AMERICAN FALLS	0.0	0.0
	16	PALISADES	0.0	0.0

1 DIVERSION DATA - JUL 4, 2005 20060505

	DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG
1	P BIRD	0	0	0	0
2	BOY SCOUT PUMP	0	0	4	-4
3	A ROSTAD	0	0	0	0
4	R ROSE	0	0	0	0
5	PALISADES CANAL	92	5	23	-23
6	J FLEMING	0	0	0	0
7	MERT OGDEN	0	0	0	0
8	LYNN DIXON	0	0	31	-31
9	J CHICK	0	0	0	0
10	L JACOBSON	1	1	9	-9
11	I SPAULDING (TR)	0	0	0	0
12	B FOSTER	0	0	0	0
13	ANDERSON	385	288	5260	-5260
14	M & M CATTLE (S)	1	1	14	-14
15	M NEWBY #1	0	0	61	-61
16	M NEWBY #2 (19)	0	0	0	0
17	M NEWBY #3 (19)	0	0	0	0
18	EAGLE ROCK (1)	744	0	0	0
19	FARMERS FRIEND	414	79	2855	-2855
20	ENTERPRIZE	209	21	883	-883
21	C HICKMAN	0	0	0	0
113	L FRANSEN (10)	1	0	0	0
114	L BRATT	0	0	0	0
115	L LOOSLI #1	2	0	0	0
116	DEWEY	21	0	0	0
117	J SEELEY	0	0	0	0
118	YELLOWSTONE	3	0	0	0
119	ATCHLEY PMPS (10	0	0	0	0
120	MARYSVILLE	124.	0	0	0
121	F & L GRIFFEL	2	2	6	-6
122	R BAUM	0	0	0	0
123	G/6 (10)	0	0	0	0
124	FARMERS OWN	59	0	0	0
125	W SCAFE	1	1	2	-2
126	R STURM #2 (10)	1	0	0	0
127	R STURM #1 (10)	3	0	0	0
128	M GRIFFEL	0	0	0	0
129	L LOOSLI #2	2	2	9	-9
130	C MALOUF	0	0	0	0
131	CONANT CR CANAL	17	0	20	-20
132	K NYBORG	4	0	0	0
133	BOOM CR CANAL	17	0	0	0
225	D BOYCE	2	0	0	0
226	B TOMCHAK #1	0	0	0	0
227	C BOYCE	0	0	0	0
228	STIENKE-MURDOCK	0	0	0	0
229	L CARLSON N (13)	0	0	0	0
230	B TOMCHAK #2	1	0	32	-32
231	L CARLSON S (13)	0	0	0	0
232	H BROWN	0	0	32	-32
233	KINGSTON NTH	1	0	0	0
234	G OFFUT (13)	0	0	0	0
235	KINGSTON STH	2	0	0	0
236	BEAR ISL NORTH	1	0	0	0
237	BEAR ISL WEST	0	0	14	-14
238	OSGOOD	83	0	0	0
239	CLEMENTS	2	2	85	-85
240	KENNEDY	16	0	0	0
241	GREAT WESTERN	391	104	892	-892
242	L HANSEN E (13)	1	0	0	0
243	A ZOHNER	0	0	25	-25
244	V CENELL	0	0	0	0
245	M BOAM (13)	0	0	0	0

22	BUTLER ISLAND	38	0	62	-62	134	ORME CANAL	0	0	0	0	246	R M[illegible]AY (13)	0	0	0	0
23	ROSS [illegible]AND	5	0	31	-31	135	SQUIR PMP #3	1	0	0	0	247	I[illegible]	1012	12	526	-526
24	STEE	0	0	0	0	136	L ORME PUMP	1	0	0	0	248	F [illegible].17)	356	0	0	0
25	HARR	587	116	3044	-3044	137	D HARSHBARGER(26	5	0	0	0	249	L[illegible] [illegible]HER	2	0	0	0
26	CHENE[illegible]	0	0	0	0	138	SQUIR PMP #1 (20	13	0	0	0	250	BOYD FOSTER	5	0	0	0
27	G SCOTT #1 (25)	1	0	0	0	139	D ZUNDELL	1	0	0	0	251	SCHWENDIMAN	1	0	0	0
28	J BROWN	0	0	0	0	140	L LOOSLI #3	3	2	6	-6	252	LOVELL # 1	1	0	0	0
29	BUTLER ISL #2	0	0	0	0	141	L LOOSLI #4 (27)	4	0	0	0	253	FERGUSON	3	0	0	0
30	G SCOTT #2 (25)	1	0	0	0	142	D BUDGE	0	0	0	0	254	LOVELL # 2	0	0	0	0
31	SUBDIV PUMP (11)	1	1	48	-48	143	J HILL	0	0	0	0	255	W REED #1	1	0	0	0
32	RUDY	217	79	1482	-1482	144	D REYNOLDS	2	2	9	-9	256	SARGENT & SUMMRS	7	0	0	0
33	LOWDER SLOUGH	37	0	2	-2	145	C LOOSLI	0	0	20	-20	257	DURTSCHI PUMPS	2	0	0	0
34	KITE & NORD	8	1	51	-51	146	T POTTER	0	0	0	0	258	W REED #2	3	0	0	0
35	BURGESS	961	160	5766	-5766	147	ENTERPRISE	120	120	238	-238	259	FOSTER-SARGENT P	2	0	0	0
36	M H HILL (28)	0	0	0	0	148	R D MILLER	0	0	0	0	260	SPERRY	1	0	0	0
37	CLARK & EDWARDS	69	0	37	-37	149	C ATCHLEY (10)	0	0	0	0	261	ORVAL AVERY	4	0	0	0
38	CROFT	0	0	0	0	150	W C DAVIS (10)	0	0	0	0	262	ROY AVERY	15	0	0	0
39	A ZAUGG	0	0	1	-1	151	FALL RIVER CANAL	122	0	1027	-1027	263	STUCKI PUMPS	0	0	0	0
40	G HOLMAN	0	0	0	0	152	CHESTER	30	0	0	0	264	ROY COOPER SAND	8	0	0	0
41	G MUMA	0	0	2	-2	153	MCBEE	3	0	2	-2	265	ROY COOPER WILL	7	0	0	0
42	EAST LABELLE	119	0	11	-11	154	SILKEY	23	0	0	0	266	D KEELER	3	0	0	0
43	B GROVER (23)	0	0	0	0	155	CURR	43	0	196	-196	267	PROGRESSIVE SAND	486	0	0	0
44	RIGBY	174	13	1385	-1385	156	L LOOSLI #5	0	0	0	0	268	BEAN	0	0	0	0
45	K FOSTER (23)	0	0	0	0	157	G BLANCHARD	0	0	0	0	269	W & O COOPER	10	0	0	0
46	WHITE ISLAND	2	2	147	-147	158	LAST CHANCE	49	0	0	0	270	IDAHO FR SAND CK	13	13	202	-202
47	DILTS LATERAL (2	0	0	0	0	159	CROSSCUT TO TETN	91	16	5051	-5051	271	DEMICK	3	0	0	0
48	DILTS	20	0	36	-36	160	XCUT FALL R (16)	175	0	0	0	272	PROGRESSIVE WILL	185	1	21	-21
49	ISLAND	196	0	13	-13	161	FARMERS FRIEND	94	0	0	0	273	IF MONROC LYONS	0	0	0	0
50	W LABELLE & LG I	496	0	271	-271	162	TWIN GROVES	94	0	0	0	274	WOODVILLE	50	0	0	0
51	PARKS & LEWSVLLE	362	13	903	-903	163	ST ANTHONY UNION	305	0	0	0	275	WOODVL PMP#1 (22	1	0	0	0
52	NORTH RIGBY	55	5	430	-430	164	SALEM UNION	216	0	0	0	276	WOODVL PMP#2 (22	1	0	0	0
53	JEFF HILLS ELEC	0	0	0	0	165	EGIN	246	0	0	0	277	WOODVL SIPH (22	8	0	0	0
54	WHITE DITCH (3)	0	0	0	0	166	ST AN U FDR (18)	60	0	0	0	278	IDAHO PUMP	0	0	3	-3
55	D PHILLIPS	0	0	0	0	167	INDEPENDENT	158	0	0	0	279	SNAKE RIVER VY	452	0	0	0
56	VON BARON	0	0	3	-3	168	CONSOLIDATED FRS	203	0	0	0	280	P HILL (14)	0	0	0	0
57	BRAMWELL	0	0	0	0	169	SOUTH PIPE	4	4	38	-38	281	RESERV MITIG	273	0	0	0
58	ELLIS (12)	0	0	0	0	170	J RICKS	1	1	17	-17	282	RESERVATION	273	0	0	0
59	D SCOTT (3)	0	0	0	0	171	BOELKE	1	1	38	-38	283	BLACKFOOT	339	0	0	0
60	FRESH PAC	1	0	0	0	172	CLEMENTSVILLE	24	15	280	-280	284	NEW LAVA SIDE	124	0	0	0
61	J T JONES	0	0	20	-20	173	HIBBERT FARMS	0	0	0	0	285	R C ADAMS #1 (5)	0	0	0	0
62	C JONES (3)	0	0	0	0	174	R & J BROWN	18	18	162	-162	286	R C ADAMS #2 (5)	0	0	0	0
63	W DABELL (3)	0	0	0	0	175	P L STOTT	0	0	0	0	287	PEOPLES	305	0	0	0
64	D STOKER	0	0	16	-16	176	B PARKINSON	8	7	139	-139	288	ABERDEEN	1246	74	772	-772
65	J N ERICKSON	0	0	0	0	177	CANYON CR CANAL	28	0	0	0	289	SWID (21)	0	0	0	0
66	NELSON	0	0	0	0	178	G CRAPO	1	0	0	0	290	CORBETT	264	25	212	-212
67	MATTSON-CRAIG	0	0	0	0	179	P STEVENS	8	8	284	-284	291	NIELSON-HANSEN	11	0	95	-95
68	SUNNYDELL	162	0	0	0	180	V SCHWENDIMAN	16	16	326	-326	292	R LAMBERT (7)	0	0	0	0
69	B COVINGTON	7	7	186	-186	181	R B RICKS	3	3	57	-57	293	K CHRISTENSEN(6)	0	0	0	0
70	T PARKINSON	5	5	71	-71	182	CANYON CR LAT	20	16	222	-222	294	RIVERSIDE	119	15	50	-50
71	R GROVER	2	2	125	-125	183	H BISCHOFF	0	0	15	-15	295	DANSKIN	213	28	432	-432
72	D CHENEY	0	0	0	0	184	WILFORD	29	0	0	0	296	TREGO	53	0	0	0
73	L ROBINSON	0	0	0	0	185	D ALLEN (15)	3	0	0	0	297	JENSEN GROVE	23	0	9	-9
74	LENROOT	104	0	0	0	186	B TUCKER (15)	0	0	0	0	298	WEARYRICK	28	0	0	0
75	R BURNS	0	0	0	0	187	B PARKER (15)	0	0	0	0	299	WATSON	73	0	0	0
76	REID	159	11	817	-817	188	SIDDOWAY PMP (15	1	0	0	0	300	PARSONS	37	4	17	-17
77	TEXAS & LIBRTY P	254	0	0	0	189	MCKINNLEY (15)	1	0	0	0	301	GROUNDWATER SHEL	0	0	0	0
78	BANNOCK JIM	19	3	29	-29	190	TETON IRRIGATION	51	0	0	0	302	FT HALL MICHAUD	161	161	13905	-13905
79	HILL PETTINGER	8	0	0	0	191	SIDDOWAY (15)	14	0	0	0	303	FALLS IRRIGATION	138	138	5875	-5875
80	NELSON COREY (24	0	0	0	0	192	PIONEER	1	0	0	0	304	M OSBORN	1	0	0	0
81	L HILL (24)	0	0	0	0	193	STEWART	8	0	0	0	305	CALL FARMS	10	2	105	-105
82	G MAROTZ	0	0	0	0	194	N BIRCH	0	0	1	-1	306	R EVANS	0	0	0	0
83	N FK HIGHLANDS	0	0	0	0	195	B LEAVITT	0	0	1	-1	307	GROUNDWATER NEEL	0	0	0	0
84	F HOWELL	0	0	0	0	196	PINCOCK-BYINGTON	12	0	0	0	308	MINIDOKA NTH S	1396	1051	5654	-5654
85	S BOLLAERT	0	0	0	0	197	B HOLLIST	0	0	3	-3	309	MINIDOKA STH (8)	1197	0	0	0
86	F VANDERSLOOT #1	0	0	0	0	198	TETON ISLAND FDR	299	0	0	0	310	E HERBERT	0	0	50	-50
87	F VANDERSLOOT #2	0	0	0	0	199	SALEM UNION B	21	0	7	-7	311	MID MISC	0	0	75	-75
88	F VANDERSLOOT #3	0	0	0	0	200	J HARRIS	0	0	0	0	312	MILNER MISC	1	1	112	-112
89	T HOLCOMB	0	0	2	-2	201	ROXANA	3	0	0	0	313	LAW-KER FARMS	1	1	96	-96
90	R LEE	0	0	0	0	202	ISLAND WARD	3	0	0	0	314	BURLEY GC	1	1	84	-84
91	Z EGBERT #1 (10)	1	0	0	0	203	SAUREY	12	0	2	-2	315	CITY OF BURLEY	0	0	0	0
92	R RITCHEY	0	0	0	0	204	GARDNER-BEDDES	0	0	0	0	316	SIMPLOT FTLZR	0	0	0	0
93	N MILLER #1	0	0	0	0	205	BIGLER SLOUGH	0	0	0	0	317	AMALGA SUGAR	0	0	32	-32
94	N MILLER #2	0	0	0	0	206	WOODMANSEE-JSN	12	0	0	0	318	R TILLEY PUMP	0	0	11	-11
95	Z EGBERT #2	0	0	0	0	207	G GODFREY	1	0	0	0	319	COORS BREWNG	0	0	47	-47
96	R D BAKER	0	0	0	0	208	R R RICKS	0	0	29	-29	320	K SANDMANN	0	0	0	0
97	D PHELPS (10)	0	0	0	0	209	CITY OF REXBURG	7	0	0	0	321	H SCHODDE	2	0	0	0
98	D SEELEY	1	0	0	0	210	T BRUNSON (28)	0	0	0	0	322	BAR-U-RANCH #1	0	0	9	-9
99	Z EGBERT #3 (10)	9	0	0	0	211	J S WRIGHT	0	0	0	0	323	BAR-U-RANCH #2	1	1	90	-90
100	Z EGBERT #4	0	0	0	0	212	REXBURG IRRIG	183	0	0	0	324	M HOBSON	0	0	7	-7
101	Z EGBERT #5	0	0	0	0	213	BEAVER DICK PMP	0	0	4	-4	325	V HOBSON	2	2	47	-47
102	G NEDROW	1	0	0	0	214	GROUNDWATER HENR	0	0	0	0	326	A & B IRR DIST	255	255	14088	-14088
103	BAKER & NEDROW	2	2	7	-7	215	L A HARTERT (4)	1	0	0	0	327	PA LATERAL (9)	66	0	0	0
104	M REYNOLDS #1	1	0	0	0	216	A GUNDERSON (4)	0	0	0	0	328	MILNER IRRIG	242	219	8261	-8261
105	R & C BAUM	1	0	0	0	217	MILLER-BARNS (4)	0	0	0	0	329	A LATERAL (9)	72	0	0	0
106	J MCCULLOCH	1	0	1	-1	218	BUTTE SLOUGH (4)	0	0	0	0	330	J BRUNE (9)	0	0	0	0
107	M REYNOLDS #2	0	0	0	0	219	BUTTE & MARKET L	283	0	0	0	331	NS XCUT GDNG (9)	787	0	0	0
108	A NEDROW #1	0	0	0	0	220	BEAR TRAP	49	0	0	0	332	RES DIST #2	1683	1683	70375	-70375
109	A NEDROW #2	0	0	0	0	221	WALKER FARMS	0	0	131	-131	333	NORTHSIDE TWIN F	2302	2827	18311	-18311
110	J NEDROW	0	0	0	0	222	M TOMCHAK	0	0	0	0	334	TWIN FALLS SOUTH	3287	264	3174	-3174

111 V & D KIRKHAM 1 1 3 -3 223 A WILDE PUMP 1 1 15 -15
112 D NE[illegible] 1 1 10 -10 224 N FULLMER 4 0 0 0
STORAG COMBINED WITH (1)ANDERSON, (2)DILTS, (3)W LABL & LI, (4)BUTTE & MARKET L, (5)[illegible], (6)NEW LAVA SIDE
(7)RIV. , (8)MINIDOKA NTH S, (9)NORTHSIDE TWIN F, (10)MARYSVILLE, (11)BRAMWELL, (12)BUR[illegible], (13)SNAKE R VY,
(14)TETON IRR, (15)FALL R, (16)GREAT WESTERN, (17)ST ANTHONY UN, (18)NEWBY #1, (19)SQUIRREL #3, AND (20)MIL IRRIG & T.F.S.S.
(21)WOODVILLE CANAL, (22)CLARK & EDWARDS, (23)HILL-PETTINGER, (24)STEELE, (25)BOOM CREEK PUMP, (26)L LOOSLI #3
(27)WOODMANSEE-JOHNSON, (28)KITE AND NORD

1

MISCELLANEOUS DATA - JUL 4, 2005

EAGLE ROCK DUMP:	788.	CFS
EAGLE ROCK CREDIT:	680.	CFS
EAGLE ROCK TOTAL:	47808.	AF
RIRIE LOSS:	-12.	CFS
RIRIE TOTAL:	1160.	AF
WIILOW CREEK LOSS:	-2.	CFS
WILLOW CREEK TOTAL:	-27.	AF
DRY BED:	3880.	CFS
CROSS CUT AT HEAD:	266.	CFS
CROSS CUT AT MIDDLE:	134.	CFS
CROSS CUT AT END:	75.	CFS
S BRANCH FALL RIVER BLW XCUT:	64.	CFS
S BRANCH FALL RIVER ABV XCUT:	21.	CFS
N FORK TETON BELOW SPLITTER:	407.	CFS
S FORK TETON AT REXBURG:	526.	CFS
RESERVATION AT HEAD:	546.	CFS
SAND CREEK TO RESERVATION:	35.	CFS
RESERVATION AT DROP:	557.	CFS
TRIBAL 1867:	284.	CFS
TRIBAL TOTAL VOLUME:	33735.	AF
NON TRIBAL 1891:	260.	CFS
NON TRIBAL VOLUME:	24518.	AF
SPRING CREEK:	244.	CFS
SPRING CREEK GAIN:	2239.	CFS
SWID START DAY OF THE YEAR:	153	
SWID:	78.	CFS
SWID TOTAL VOLUME:	4326.	AF
MINIDOKA-MILNER REACH GAIN:	877.	CFS
MEASURED RETURN FLOW:	170.	CFS
MINIDOKA RETURN FLOW CREDIT:	43.	CFS
MINIDOKA TOTAL CREDIT:	264.	AF
GAIN AVERAGING ADJUSTMENT:	-632915.	AF

EXCHANGE PUMP DATA

EXCHANGE PUMP	CFS PUMPED	AF YR TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR TOTAL
1 COVINGTON BROS	0.	0.0	8 M PARKINSON	0.	0.0	15 D, L, & R ARD	0.	0.0
2 L LOOSLI	0.	0.0	9 D BOTT	0.	0.0	16 HINK, INC.	0.	0.0
3 USBR 2	0.	2408.4	10 C HOOPES	0.	0.0	17 R & J BROWN	0.	0.0
4 STEVECO CANYON	2.	8.9	11 USBR 5	0.	2587.6	18 USBR 3	0.	1132.2
5 CANYON CR LAT	0.	0.0	12 HOOPES BROS	0.	0.0	19 USBR 1	0.	3933.5
6 B PARKINSON	0.	0.0	13 RICKS, R.	0.	97.2	20 MINIDOKA CREDIT	43.	264.4
7 V SCHWENDIMAN	0.	0.0	14 EHCO RANCH	0.	0.0			

YEAR TO DATE TOTAL = 10432.1 AF

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5	CANYON CR LAT	0.	0.0	12	HOOPES BROS	0.	0.0	19	USBR 1	0.	3933.4
6	B PARKINSON	0.	0.0	13	RICKS, R.	5.	97.2	20	MINIDOKA CREDIT	33.	179.8
7	V SCHWENDIMAN	0.	0.0	14	EHCO RANCH	0.	0.0				

YEAR TO DATE TOTAL = 10344.6 AF

1 WATER DISTRICT 01 - SNAKE RIVER FLOW ACCOUNTING (VER 1.1) - JUL 4, 2005 20060207

	REACH FLOWS IN CFS		ACTUAL DATE	NATURAL FLOW	ACTUAL FLOW	RMAINING NAT FLOW	POWER FLOW	STORED FLOW	RESRVOIR EVAP	NATURAL FLOW DIV	TOTAL RCH DIV	REACH GAIN	LAST RIGHT
1	TO MORAN		JUN 29	2407.	1990.	2407.	0.	-417.	0.	0.	0.	2407.	19030326
33	MORAN TO ALPINE		JUN 29	9017.	8600.	9017.	0.	-417.	0.	0.	0.	6610.	19030326
34	SALT RIVER ABV RES		JUN 29	1400.	1400.	1400.	0.	0.	0.	0.	0.	1400.	19030326
35	GREYS RIVER ABV RES		JUN 29	1390.	1390.	1390.	0.	0.	0.	0.	0.	1390.	19030326
2	ALPINE TO IRWIN		JUN 30	11251.	10600.	11251.	0.	-651.	118.	0.	0.	-556.	19030326
3	IRWIN TO HEISE		JUN 30	12144.	11400.	12057.	0.	-657.	0.	87.	93.	893.	19030326
4	HEISE TO BLW DRY BED	*	JUN 30	12144.	5767.	7731.	0.	-1964.	0.	4326.	5103.	0.	19030326
32	BLW DRY BED TO LORENZO		JUN 30	12044.	4910.	6938.	0.	-2028.	0.	692.	720.	-100.	19030326
11	TO HENRYS LAKE		JUN 27	127.	18.	127.	0.	-109.	0.	0.	0.	127.	19030326
12	HENRYS L TO ISLAND PARK		JUN 28	700.	973.	700.	0.	273.	0.	0.	0.	572.	19030326
13	ISLAND PARK TO ASHTON		JUN 29	1613.	1870.	1599.	0.	271.	0.	14.	16.	913.	19030326
30	ASHTON TO AB FALLS RIVER	*	JUN 29	1613.	1844.	1585.	0.	259.	0.	24.	26.	0.	19030326
14	TO GRASSY LAKE		JUN 29	9.	0.	9.	0.	-9.	0.	0.	0.	9.	19030326
15	GRASSY LK TO ABV YELLOW		JUN 29	1179.	1170.	1195.	0.	-25.	0.	-15.	0.	1170.	19030326
16	ABV YELLOW TO CHESTER		JUN 29	1228.	616.	738.	0.	-122.	0.	489.	602.	48.	19030326
17	AB FALLS R TO ST ANTHONY		JUN 29	2956.	1540.	1510.	0.	30.	0.	933.	1024.	115.	19030326
10	ST ANTHONY TO AB NF TETN	*	JUN 29	2956.	873.	843.	0.	30.	0.	667.	667.	0.	19030326
18	AB S LEIGH TO ST ANTHONY		JUN 29	1626.	1570.	1584.	0.	-14.	0.	42.	132.	1626.	19030326
19	ST ANTH TO TETON FORKS		JUN 29	1632.	933.	948.	0.	-15.	0.	642.	643.	6.	19030326
47	TETON FORKS TO MOUTH	*	JUN 29	1632.	915.	930.	0.	-15.	0.	18.	18.	0.	19030326
20	AB NF TETN TO REXBURG		JUN 30	5219.	2420.	2405.	0.	15.	0.	0.	0.	632.	19030326

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5	CANYON C. AT	0.	0.0	12	HOOPES BROS	0.	0.0	19	USBR 1	0.	3933.4
6	B PARKINSON	0.	0.0	13	RICKS, R.	5.	97.2	20	MINIDOKA CREDIT	33.	179.8
7	V SCHWENDIMAN	0.	0.0	14	EHCO RANCH	0.	0.0				

YEAR TO DATE TOTAL = 10344.6 AF

1 WATER DISTRICT 01 - SNAKE RIVER FLOW ACCOUNTING (VER 1.1) - JUL 4, 2005 20060207

	REACH FLOWS IN CFS		ACTUAL DATE	NATURAL FLOW	ACTUAL FLOW	RMAINING NAT FLOW	POWER FLOW	STORED FLOW	RESRVOIR EVAP	NATURAL FLOW DIV	TOTAL RCH DIV	REACH GAIN	LAST RIGHT
1	TO MORAN		JUN 29	2407.	1990.	2407.	0.	-417.	0.	0.	0.	2407.	19030326
33	MORAN TO ALPINE		JUN 29	9017.	8600.	9017.	0.	-417.	0.	0.	0.	6610.	19030326
34	SALT RIVER ABV RES		JUN 29	1400.	1400.	1400.	0.	0.	0.	0.	0.	1400.	19030326
35	GREYS RIVER ABV RES		JUN 29	1390.	1390.	1390.	0.	0.	0.	0.	0.	1390.	19030326
2	ALPINE TO IRWIN		JUN 30	11251.	10600.	11251.	0.	-651.	118.	0.	0.	-556.	19030326
3	IRWIN TO HEISE		JUN 30	12144.	11400.	12057.	0.	-657.	0.	87.	93.	893.	19030326
4	HEISE TO BLW DRY BED	*	JUN 30	12144.	5767.	7731.	0.	-1964.	0.	4326.	5103.	0.	19030326
32	BLW DRY BED TO LORENZO		JUN 30	12044.	4910.	6938.	0.	-2028.	0.	692.	720.	-100.	19030326
11	TO HENRYS LAKE		JUN 27	127.	18.	127.	0.	-109.	0.	0.	0.	127.	19030326
12	HENRYS L TO ISLAND PARK		JUN 28	700.	973.	700.	0.	273.	0.	0.	0.	572.	19030326
13	ISLAND PARK TO ASHTON		JUN 29	1613.	1870.	1599.	0.	271.	0.	14.	16.	913.	19030326
30	ASHTON TO AB FALLS RIVER	*	JUN 29	1613.	1844.	1585.	0.	259.	0.	24.	26.	0.	19030326
14	TO GRASSY LAKE		JUN 29	9.	0.	9.	0.	-9.	0.	0.	0.	9.	19030326
15	GRASSY LK TO ABV YELLOW		JUN 29	1179.	1170.	1195.	0.	-25.	0.	-15.	0.	1170.	19030326
16	ABV YELLOW TO CHESTER		JUN 29	1228.	616.	738.	0.	-122.	0.	489.	602.	48.	19030326
17	AB FALLS R TO ST ANTHONY		JUN 29	2956.	1540.	1510.	0.	30.	0.	933.	1024.	115.	19030326
10	ST ANTHONY TO AB NF TETN	*	JUN 29	2956.	873.	843.	0.	30.	0.	667.	667.	0.	19030326
18	AB S LEIGH TO ST ANTHONY		JUN 29	1626.	1570.	1584.	0.	-14.	0.	42.	132.	1626.	19030326
19	ST ANTH TO TETON FORKS		JUN 29	1632.	933.	948.	0.	-15.	0.	642.	643.	6.	19030326
47	TETON FORKS TO MOUTH	*	JUN 29	1632.	915.	930.	0.	-15.	0.	18.	18.	0.	19030326
20	AB NF TETN TO REXBURG		JUN 30	5219.	2420.	2405.	0.	15.	0.	0.	0.	632.	19030326

Buffer: SNKWRA05.RPT | Write | Insert | Forward

Line 2615

	REACH FLOWS IN CFS		ACTUAL DATE	NATURAL FLOW	ACTUAL FLOW	RMAINING NAT FLOW	POWER F	STORED FLOW	RESRVOIR EVAP	NATURAL FLOW DIV	TOTAL RCH DIV	REACH GAIN	LAST RIGHT
1	TO MORAN		JUN 29	2407.	1990.	2407.	0.	-417.	0.	0.	0.	2407.	19030326
33	MORAN TO ALPINE		JUN 29	9017.	8600.	9017.	0.	-417.	0.	0.	0.	6610.	19030326
34	SALT RIVER ABV RES		JUN 29	1400.	1400.	1400.	0.	0.	0.	0.	0.	1400.	19030326
35	GREYS RIVER ABV RES		JUN 29	1390.	1390.	1390.	0.	0.	0.	0.	0.	1390.	19030326
2	ALPINE TO IRWIN		JUN 30	11251.	10600.	11251.	0.	-651.	118.	0.	0.	-556.	19030326
3	IRWIN TO HEISE		JUN 30	12144.	11400.	12057.	0.	-657.	0.	87.	93.	893.	19030326
4	HEISE TO BLW DRY BED	*	JUN 30	12144.	5767.	7731.	0.	-1964.	0.	4326.	5103.	0.	19030326
32	BLW DRY BED TO LORENZO		JUN 30	12044.	4910.	6939.	0.	-2029.	0.	692.	720.	-100.	19030326
11	TO HENRYS LAKE		JUN 27	127.	18.	127.	0.	-109.	0.	0.	0.	127.	19030326
12	HENRYS L TO ISLAND PARK		JUN 28	700.	973.	700.	0.	273.	0.	0.	0.	572.	19030326
13	ISLAND PARK TO ASHTON		JUN 29	1613.	1870.	1599.	0.	271.	0.	14.	16.	913.	19030326
30	ASHTON TO AB FALLS RIVER	*	JUN 29	1613.	1844.	1585.	0.	259.	0.	24.	26.	0.	19030326
14	TO GRASSY LAKE		JUN 29	9.	0.	9.	0.	-9.	0.	0.	0.	9.	19030326
15	GRASSY LK TO ABV YELLOW		JUN 29	1179.	1170.	1194.	0.	-24.	0.	-15.	0.	1170.	19030326
16	ABV YELLOW TO CHESTER		JUN 29	1228.	616.	739.	0.	-123.	0.	489.	602.	48.	19030326
17	AB FALLS R TO ST ANTHONY		JUN 29	2956.	1540.	1510.	0.	30.	0.	933.	1024.	115.	19030326
10	ST ANTHONY TO AB NF TETN	*	JUN 29	2956.	873.	843.	0.	30.	0.	667.	667.	0.	19030326
18	AB S LEIGH TO ST ANTHONY		JUN 29	1626.	1570.	1584.	0.	-14.	0.	42.	132.	1626.	19030326
19	ST ANTH TO TETON FORKS		JUN 29	1632.	933.	948.	0.	-15.	0.	642.	643.	6.	19030326
47	TETON FORKS TO MOUTH	*	JUN 29	1632.	915.	930.	0.	-15.	0.	18.	18.	0.	19030326
20	AB NF TETN TO REXBURG		JUN 30	5219.	2420.	2405.	0.	15.	0.	0.	0.	632.	19030326
21	LORENZO TO MENAN	*	JUN 30	17263.	7046.	9060.	0.	-2014.	0.	284.	284.	0.	19030326
5	MENAN TO NR IDAHO FALLS		JUN 30	17568.	6280.	7814.	0.	-1534.	0.	1550.	1566.	304.	19030326
36	NR ID FALLS TO AB WLW CR	*	JUN 30	17568.	5924.	7563.	0.	-1639.	0.	252.	356.	0.	19030326
23	WILLOW CRK BLW TEX CREEK		JUN 30	76.	74.	74.	0.	0.	0.	2.	2.	76.	18850401
24	BLW TEX CREEK TO NR RIRI		JUN 30	76.	91.	74.	0.	17.	12.	0.	0.	0.	18850401
25	NR RIRIE TO FDWY NR UCON		JUN 30	65.	0.	0.	0.	0.	0.	64.	758.	-10.	18850401
28	FDWY NR UCON TO END	*	JUN 30	65.	0.	0.	0.	0.	0.	0.	0.	0.	18850401
31	WILLOW CRK TO SHELLEY		JUL 1	17900.	5730.	7318.	0.	-1588.	0.	512.	512.	267.	19030326
6	SHELLEY TO AT BLACKFOOT		JUL 1	17583.	2230.	3899.	0.	-1669.	0.	3102.	3243.	-318.	19030326
22	AT BLKFOOT TO BLW BLKFT	*	JUL 1	17583.	2092.	3765.	0.	-1673.	0.	134.	138.	0.	19030326
38	BLW BLKFT TO NR BLKFOOT		JUL 2	17385.	1720.	3567.	0.	-1847.	0.	0.	0.	-198.	19030326
39	PORTNUEF R AT POCATELLO		JUL 2	108.	108.	108.	0.	0.	0.	0.	0.	108.	19030326
7	NR BLACKFOOT TO NEELEY		JUL 3	18726.	13400.	4908.	0.	8492.	100.	0.	298.	1233.	19030326
8	NEELEY TO MINIDOKA		JUL 3	17982.	9580.	2614.	0.	6966.	117.	1550.	2604.	-744.	19030326
9	MINIDOKA TO MILNER		JUL 4	18817.	1541.	0.	0.	1541.	0.	3449.	8703.	834.	19030326
									TOTALS	18817.	27509.	18817.	

* - INDICATES FLOW ESTIMATED NOT MEASURED

	RESERVOIR	PREVIOUS AF	CURRNT AF	CHNG CFS	ACCRD CFS	TOTAL AF	EVAP AF
1	JACKSON LAKE	535640.0	535868.0	114.9	0.0	630784.9	0.0
2	PALISADES	1085123.0	1085741.0	311.6	0.0	442395.8	8553.6
3	HENRYS LAKE	87770.0	87770.0	0.0	0.0	22936.3	0.0
4	ISLAND PARK	127958.0	127649.0	-155.8	0.0	82777.1	2900.8
5	GRASSY LAKE	7665.1	7679.5	7.3	0.0	1095.3	0.0
6	RIRIE	60344.0	60264.0	-40.3	0.0	0.0	1056.1
7	AMERICAN FALLS	1286938.0	1268379.0	-9356.7	0.0	1672590.0	10241.2
8	LAKE WALCOTT	93319.0	94300.0	494.6	0.0	95200.0	10494.9
9	LAKE MILNER	37500.0	37600.0	50.4	0.0	0.0	0.0
	TOTAL	3322257.1	3305250.5	-8574.0	0.0	2947779.3	33246.7

	PRIORITY	RESERVOIR	AF RIGHT	AF STORED
	1	JACKSON LAKE	298981.0	298981.0
	2	LAKE WALCOTT	95200.0	95200.0
	3	JACKSON LAKE	138829.0	138829.0
	4	JACKSON LAKE	409190.0	192974.9
	5	HENRYS LAKE	79350.0	22936.3
	6	PALISADES	259600.0	259600.0
	7	ISLAND PARK	45000.0	45000.0
	8	AMERICAN FALLS	156830.0	156830.0
	9	AMERICAN FALLS	1515760.0	1515760.0
	10	ISLAND PARK	90000.0	37777.1
	11	GRASSY LAKE	15204.0	1095.3
	12	PALISADES	940400.0	182795.8
	13	HENRYS LAKE	10650.0	0.0
	14	RIRIE	80500.0	0.0
	15	AMERICAN FALLS	0.0	0.0
	16	PALISADES	0.0	0.0

	CHANGE IN CONTENT	STORAGE DIVERTED	STO PAST MILNER	TOTAL STORED	UNACCT STORED	AM FALLS GAIN DIFF
YEAR-TO-DATE AF	2668822.5	176335.5	85003.4	2947779.3	9843.0	-3358.7

1 DIVERSION DATA - JUL 4, 2005 20060505

DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG

DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG

DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG

1	P BIRD	0	0	0	0	113	L FRANSEN (10)	1	0	0	0	225	D BOYCE	2	0	0	0
2	BOY S' PUMP	0	0	4	-4	114	L BRATT	0		0	0	226	B TOMCHAK #1	0	0	0	0
3	A ROS	0	0	0	0	115	L LOOSLI #1	2		0	0	227	C BOYCE	0	0	0	0
4	R ROSE	0	0	0	0	116	DEWEY	21	0	0	0	228	STIENKE-MURDOCK	0	0	0	0
5	PALISADES CANAL	92	5	23	-23	117	J SEELEY	0	0	0	0	229	L CARLSON N (13)	0	0	0	0
6	J FLEMING	0	0	0	0	118	YELLOWSTONE	3	0	0	0	230	B TOMCHAK #2	1	0	32	-32
7	MERT OGDEN	0	0	0	0	119	ATCHLEY PMPS (10	0	0	0	0	231	L CARLSON S (13)	0	0	0	0
8	LYNN DIXON	0	0	31	-31	120	MARYSVILLE	124	0	0	0	232	H BROWN	0	0	32	-32
9	J CHICK	0	0	0	0	121	F & L GRIFFEL	2	2	6	-6	233	KINGSTON NTH	1	0	0	0
10	L JACOBSON	1	1	9	-9	122	R BAUM	0	0	0	0	234	G OFFUT (13)	0	0	0	0
11	I SPAULDING (TR)	0	0	0	0	123	G/6 (10)	0	0	0	0	235	KINGSTON STH	2	0	0	0
12	B FOSTER	0	0	0	0	124	FARMERS OWN	59	0	0	0	236	BEAR ISL NORTH	1	0	0	0
13	ANDERSON	385	288	5260	-5260	125	W SCAFE	1	1	2	-2	237	BEAR ISL WEST	0	0	14	-14
14	M & M CATTLE (S)	1	1	14	-14	126	R STURM #2 (10)	1	0	0	0	238	OSGOOD	83	0	0	0
15	M NEWBY #1	0	0	61	-61	127	R STURM #1 (10)	3	0	0	0	239	CLEMENTS	2	2	85	-85
16	M NEWBY #2 (19)	0	0	0	0	128	M GRIFFEL	0	0	0	0	240	KENNEDY	16	0	0	0
17	M NEWBY #3 (19)	0	0	0	0	129	L LOOSLI #2	2	2	9	-9	241	GREAT WESTERN	391	104	892	-892
18	EAGLE ROCK (1)	744	0	0	0	130	C MALOUF	0	0	0	0	242	L HANSEN E (13)	1	0	0	0
19	FARMERS FRIEND	414	79	2855	-2855	131	CONANT CR CANAL	17	0	20	-20	243	A ZOHNER	0	0	25	-25
20	ENTERPRIZE	209	21	883	-883	132	K NYBORG	4	0	0	0	244	V CENELL	0	0	0	0
21	C HICKMAN	0	0	0	0	133	BOOM CR CANAL	17	0	0	0	245	M BOAM (13)	0	0	0	0
22	BUTLER ISLAND	38	0	62	-62	134	ORME CANAL	0	0	0	0	246	R MACKAY (13)	0	0	0	0
23	ROSS AND RAND	5	0	31	-31	135	SQUIR PMP #3	1	0	0	0	247	IDAHO	1012	12	526	-526
24	STEELE	0	0	0	0	136	L ORME PUMP	1	0	0	0	248	PORTER (17)	356	0	0	0
25	HARRISON	587	116	3044	-3044	137	D HARSHBARGER(26	5	0	0	0	249	LOERTSCHER	2	0	0	0
26	CHENEY	0	0	0	0	138	SQUIR PMP #1 (20	13	0	0	0	250	BOYD FOSTER	5	0	0	0
27	G SCOTT #1 (25)	1	0	0	0	139	D ZUNDELL	1	0	0	0	251	SCHWENDIMAN	1	0	0	0
28	J BROWN	0	0	0	0	140	L LOOSLI #3	3	2	6	-6	252	LOVELL # 1	1	0	0	0
29	BUTLER ISL #2	0	0	0	0	141	L LOOSLI #4 (27)	4	0	0	0	253	FERGUSON	3	0	0	0
30	G SCOTT #2 (25)	1	0	0	0	142	D BUDGE	0	0	0	0	254	LOVELL # 2	0	0	0	0
31	SUBDIV PUMP (11)	1	1	48	-48	143	J HILL	0	0	0	0	255	W REED #1	1	0	0	0
32	RUDY	217	79	1482	-1482	144	D REYNOLDS	2	2	9	-9	256	SARGENT & SUMMRS	7	0	0	0
33	LOWDER SLOUGH	37	0	2	-2	145	C LOOSLI	0	0	20	-20	257	DURTSCHI PUMPS	2	0	0	0
34	KITE & NORD	8	1	51	-51	146	T POTTER	0	0	0	0	258	W REED #2	3	0	0	0
35	BURGESS	961	160	5766	-5766	147	ENTERPRISE	120	120	238	-238	259	FOSTER-SARGENT P	2	0	0	0
36	M H HILL (28)	0	0	0	0	148	R D MILLER	0	0	0	0	260	SPERRY	1	0	0	0
37	CLARK & EDWARDS	69	0	37	-37	149	C ATCHLEY (10)	0	0	0	0	261	ORVAL AVERY	4	0	0	0
38	CROFT	0	0	0	0	150	W C DAVIS (10)	0	0	0	0	262	ROY AVERY	15	0	0	0
39	A ZAUGG	0	0	1	-1	151	FALL RIVER CANAL	122	0	1027	-1027	263	STUCKI PUMPS	0	0	0	0
40	G HOLMAN	0	0	0	0	152	CHESTER	30	0	0	0	264	ROY COOPER SAND	8	0	0	0
41	G MUMA	0	0	2	-2	153	MCBEE	3	0	2	-2	265	ROY COOPER WILL	7	0	0	0
42	EAST LABELLE	119	0	11	-11	154	SILKEY	23	0	0	0	266	D KEELER	3	0	0	0
43	B GROVER (23)	0	0	0	0	155	CURR	43	0	196	-196	267	PROGRESSIVE SAND	486	0	0	0
44	RIGBY	174	13	1385	-1385	156	L LOOSLI #5	0	0	0	0	268	BEAN	0	0	0	0
45	K FOSTER (23)	0	0	0	0	157	G BLANCHARD	0	0	0	0	269	W & O COOPER	10	0	0	0
46	WHITE ISLAND	2	2	147	-147	158	LAST CHANCE	49	0	0	0	270	IDAHO FR SAND CK	13	13	202	-202
47	DILTS LATERAL (2	0	0	0	0	159	CROSSCUT TO TETN	91	16	5051	-5051	271	DEMICK	3	0	0	0
48	DILTS	20	0	36	-36	160	XCUT FALL R (16)	175	0	0	0	272	PROGRESSIVE WILL	185	1	21	-21
49	ISLAND	196	0	13	-13	161	FARMERS FRIEND	94	0	0	0	273	IF MONROC LYONS	0	0	0	0
50	W LABELLE & LG I	496	0	271	-271	162	TWIN GROVES	94	0	0	0	274	WOODVILLE	50	0	0	0
51	PARKS & LEWSVLLE	362	13	903	-903	163	ST ANTHONY UNION	305	0	0	0	275	WOODVL PMP#1 (22	1	0	0	0
52	NORTH RIGBY	55	5	430	-430	164	SALEM UNION	216	0	0	0	276	WOODVL PMP#2 (22	1	0	0	0
53	JEFF HILLS ELEC	0	0	0	0	165	EGIN	246	0	0	0	277	WOODVL SIPH (22	8	0	0	0
54	WHITE DITCH (3)	0	0	0	0	166	ST AN U FDR (18)	60	0	0	0	278	IDAHO PUMP	0	0	3	-3
55	D PHILLIPS	0	0	0	0	167	INDEPENDENT	158	0	0	0	279	SNAKE RIVER VY	452	0	0	0
56	VON BARON	0	0	3	-3	168	CONSOLIDATED FRS	203	0	0	0	280	P HILL (14)	0	0	0	0
57	BRAMWELL	0	0	0	0	169	SOUTH PIPE	4	4	38	-38	281	RESERV MITIG	273	0	0	0
58	ELLIS (12)	0	0	0	0	170	J RICKS	1	1	17	-17	282	RESERVATION	273	0	0	0
59	D SCOTT (3)	0	0	0	0	171	BOELKE	1	1	38	-38	283	BLACKFOOT	339	0	0	0
60	FRESH PAC	1	0	0	0	172	CLEMENTSVILLE	24	15	280	-280	284	NEW LAVA SIDE	124	0	0	0
61	J T JONES	0	0	20	-20	173	HIBBERT FARMS	0	0	0	0	285	R C ADAMS #1 (5)	0	0	0	0
62	C JONES (3)	0	0	0	0	174	R & J BROWN	18	18	162	-162	286	R C ADAMS #2 (5)	0	0	0	0
63	W DABELL (3)	0	0	0	0	175	P L STOTT	0	0	0	0	287	PEOPLES	305	0	0	0
64	D STOKER	0	0	16	-16	176	B PARKINSON	8	7	139	-139	288	ABERDEEN	1246	74	772	-772
65	J N ERICKSON	0	0	0	0	177	CANYON CR CANAL	28	0	0	0	289	SWID (21)	0	0	0	0

66	NELSON	0	0	0	0	178	G CRAPO	1	0	0	0	290	CORBETT	264	25	212	-212
67	MATTS' AIG	0	0	0	0	179	P STEVENS	8		284	-284	291	NIELSON-HANSEN	11	0	95	-95
68	SUNNY	162	0	0	0	180	V SCHWENDIMAN	16	1	326	-326	292	R LAMBERT (7)	0	0	0	0
69	B COVINGTON	7	7	186	-186	181	R B RICKS	3	3	57	-57	293	K CHRISTENSEN(6)	0	0	0	0
70	T PARKINSON	5	5	71	-71	182	CANYON CR LAT	20	16	222	-222	294	RIVERSIDE	119	15	50	-50
71	R GROVER	2	2	125	-125	183	H BISCHOFF	0	0	15	-15	295	DANSKIN	213	28	432	-432
72	D CHENEY	0	0	0	0	184	WILFORD	29	0	0	0	296	TREGO	53	0	0	0
73	L ROBINSON	0	0	0	0	185	D ALLEN (15)	3	0	0	0	297	JENSEN GROVE	23	0	9	-9
74	LENROOT	104	0	0	0	186	B TUCKER (15)	0	0	0	0	298	WEARYRICK	28	0	0	0
75	R BURNS	0	0	0	0	187	B PARKER (15)	0	0	0	0	299	WATSON	73	0	0	0
76	REID	159	11	817	-817	188	SIDDOWAY PMP (15	1	0	0	0	300	PARSONS	37	4	17	-17
77	TEXAS & LIBRTY P	254	0	0	0	189	MCKINNLEY (15)	1	0	0	0	301	GROUNDWATER SHEL	0	0	0	0
78	BANNOCK JIM	19	3	29	-29	190	TETON IRRIGATION	51	0	0	0	302	FT HALL MICHAUD	161	161	13905	-13905
79	HILL PETTINGER	8	0	0	0	191	SIDDOWAY (15)	14	0	0	0	303	FALLS IRRIGATION	138	138	5875	-5875
80	NELSON COREY (24	0	0	0	0	192	PIONEER	1	0	0	0	304	M OSBORN	1	0	0	0
81	L HILL (24)	0	0	0	0	193	STEWART	8	0	0	0	305	CALL FARMS	10	2	105	-105
82	G MAROTZ	0	0	0	0	194	N BIRCH	0	0	1	-1	306	R EVANS	0	0	0	0
83	N FK HIGHLANDS	0	0	0	0	195	B LEAVITT	0	0	1	-1	307	GROUNDWATER NEEL	0	0	0	0
84	F HOWELL	0	0	0	0	196	PINCOCK-BYINGTON	12	0	0	0	308	MINIDOKA NTH S	1396	1051	5654	-5654
85	S BOLLAERT	0	0	0	0	197	B HOLLIST	0	0	3	-3	309	MINIDOKA STH (8)	1197	0	0	0
86	F VANDERSLOOT #1	0	0	0	0	198	TETON ISLAND FDR	299	0	0	0	310	E HERBERT	0	0	50	-50
87	F VANDERSLOOT #2	0	0	0	0	199	SALEM UNION B	21	0	7	-7	311	MID MISC	0	0	75	-75
88	F VANDERSLOOT #3	0	0	0	0	200	J HARRIS	0	0	0	0	312	MILNER MISC	1	1	112	-112
89	T HOLCOMB	0	0	2	-2	201	ROXANA	3	0	0	0	313	LAW-KER FARMS	1	1	96	-96
90	R LEE	0	0	0	0	202	ISLAND WARD	3	0	0	0	314	BURLEY GC	1	1	84	-84
91	Z EGBERT #1 (10)	1	0	0	0	203	SAUREY	12	0	2	-2	315	CITY OF BURLEY	0	0	0	0
92	R RITCHEY	0	0	0	0	204	GARDNER-BEDDES	0	0	0	0	316	SIMPLOT FTLZR	0	0	0	0
93	N MILLER #1	0	0	0	0	205	BIGLER SLOUGH	0	0	0	0	317	AMALGA SUGAR	0	0	32	-32
94	N MILLER #2	0	0	0	0	206	WOODMANSEE-JSN	12	0	0	0	318	R TILLEY PUMP	0	0	11	-11
95	Z EGBERT #2	0	0	0	0	207	G GODFREY	1	0	0	0	319	COORS BREWNG	0	0	47	-47
96	R D BAKER	0	0	0	0	208	R R RICKS	0	0	29	-29	320	K SANDMANN	0	0	0	0
97	D PHELPS (10)	0	0	0	0	209	CITY OF REXBURG	7	0	0	0	321	H SCHODDE	2	0	0	0
98	D SEELEY	1	0	0	0	210	T BRUNSON (28)	0	0	0	0	322	BAR-U-RANCH #1	0	0	9	-9
99	Z EGBERT #3 (10)	9	0	0	0	211	J S WRIGHT	0	0	0	0	323	BAR-U-RANCH #2	1	1	90	-90
100	Z EGBERT #4	0	0	0	0	212	REXBURG IRRIG	183	0	0	0	324	M HOBSON	0	0	7	-7
101	Z EGBERT #5	0	0	0	0	213	BEAVER DICK PMP	0	0	4	-4	325	V HOBSON	2	2	47	-47
102	G NEDROW	1	0	0	0	214	GROUNDWATER HENR	0	0	0	0	326	A & B IRR DIST	255	255	14088	-14088
103	BAKER & NEDROW	2	2	7	-7	215	L A HARTERT (4)	1	0	0	0	327	PA LATERAL (9)	66	0	0	0
104	M REYNOLDS #1	1	0	0	0	216	A GUNDERSON (4)	0	0	0	0	328	MILNER IRRIG	242	219	8261	-8261
105	R & C BAUM	1	0	0	0	217	MILLER-BARNS (4)	0	0	0	0	329	A LATERAL (9)	72	0	0	0
106	J MCCULLOCH	1	0	1	-1	218	BUTTE SLOUGH (4)	0	0	0	0	330	J BRUNE (9)	0	0	0	0
107	M REYNOLDS #2	0	0	0	0	219	BUTTE & MARKET L	283	0	0	0	331	NS XCUT GDNG (9)	787	0	0	0
108	A NEDROW #1	0	0	0	0	220	BEAR TRAP	49	0	0	0	332	RES DIST #2	1683	1683	70375	-70375
109	A NEDROW #2	0	0	0	0	221	WALKER FARMS	0	0	131	-131	333	NORTHSIDE TWIN F	2302	2827	18311	-18311
110	J NEDROW	0	0	0	0	222	M TOMCHAK	0	0	0	0	334	TWIN FALLS SOUTH	3287	264	3174	-3174
111	V & D KIRKHAM	1	1	3	-3	223	A WILDE PUMP	1	1	15	-15						
112	D NEDROW	1	1	10	-10	224	N FULLMER	4	0	0	0						

STORAGE USED COMBINED WITH (1)ANDERSON, (2)DILTS, (3)W LABL & LI, (4)BUTTE & MARKET L, (5)PEOPLES, (6)NEW LAVA SIDE
(7)RIVERSIDE, (8)MINIDOKA NTH S, (9)NORTHSIDE TWIN F, (10)MARYSVILLE, (11)BRAMWELL, (12)BURGESS, (13)SNAKE R VY,
(14)TETON IRR, (15)FALL R, (16)GREAT WESTERN, (17)ST ANTHONY UN, (18)NEWBY #1, (19)SQUIRREL #3, AND (20)MIL IRRIG & T.F.S.S.
(21)WOODVILLE CANAL, (22)CLARK & EDWARDS, (23)HILL-PETTINGER, (24)STEELE, (25)BOOM CREEK PUMP, (26)L LOOSLI #3
(27)WOODMANSEE-JOHNSON, (28)KITE AND NORD

1

MISCELLANEOUS DATA- JUL 4, 2005

EAGLE ROCK DUMP:	788.	CFS
EAGLE ROCK CREDIT:	680.	CFS
EAGLE ROCK TOTAL:	47808.	AF
RIRIE LOSS:	-12.	CFS
RIRIE TOTAL:	1160.	AF
WIILOW CREEK LOSS:	-2.	CFS
WILLOW CREEK TOTAL:	-27.	AF

DRY BED:	3880.	CFS
CROSS CUT HEAD:	266.	CFS
CROSS CUT AT MIDDLE:	134.	CFS
CROSS CUT AT END:	75.	CFS
S BRANCH FALL RIVER BLW XCUT:	64.	CFS
S BRANCH FALL RIVER ABV XCUT:	21.	CFS
N FORK TETON BELOW SPLITTER	407.	CFS
S FORK TETON AT REXBURG	526.	CFS
RESERVATION AT HEAD:	546.	CFS
SAND CREEK TO RESERVATION:	35.	CFS
RESERVATION AT DROP:	557.	CFS
TRIBAL 1867:	284.	CFS
TRIBAL TOTAL VOLUME:	33735.	AF
NON TRIBAL 1891:	260.	CFS
NON TRIBAL VOLUME:	24518.	AF
SPRING CREEK:	244.	CFS
SPRING CREEK GAIN:	2239.	CFS
SWID START DAY OF THE YEAR	153	
SWID:	78.	CFS
SWID TOTAL VOLUME:	4326.	AF
MINIDOKA-MILNER REACH GAIN:	877.	CFS
MEASURED RETURN FLOW:	170.	CFS
MINIDOKA RETURN FLOW CREDIT:	43.	CFS
MINIDOKA TOTAL CREDIT:	264.	AF
GAIN AVERAGING ADJUSTMENT:	-632915.	AF

EXCHANGE PUMP DATA

EXCHANGE PUMP	CFS PUMPED	AF YR TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR TOTAL
1 COVINGTON BROS	0.	0.0	8 M PARKINSON	0.	0.0	15 D, L, & R ARD	0.	0.0
2 L LOOSLI	0.	0.0	9 D BOTT	0.	0.0	16 HINK, INC.	0.	0.0
3 USBR 2	0.	2408.4	10 C HOOPES	0.	0.0	17 R & J BROWN	0.	0.0
4 STEVECO CANYON	2.	8.9	11 USBR 5	0.	2587.6	18 USBR 3	0.	1132.2
5 CANYON CR LAT	0.	0.0	12 HOOPES BROS	0.	0.0	19 USBR 1	0.	3933.5
6 B PARKINSON	0.	0.0	13 RICKS, R.	0.	97.2	20 MINIDOKA CREDIT	43.	264.4
7 V SCHWENDIMAN	0.	0.0	14 EHCO RANCH	0.	0.0			

YEAR TO DATE TOTAL = 10432.1 AF

1 WATER DISTRICT 01 - SNAKE RIVER FLOW ACCOUNTING (VER 1.4) - JUL 6, 2006 20070129

	REACH FLOWS IN CFS		ACTUAL DATE	NATURAL FLOW	ACTUAL FLOW	RMAINING NAT FLOW	POWER FLOW	STORED FLOW	RESRVOIR EVAP	NATURAL FLOW DIV	TOTAL RCH DIV	REACH GAIN	LAST RIGHT
1	TO MORAN		JUL 1	2355.	2290.	2355.	0.	-65.	0.	0.	0.	2355.	19030326
33	MORAN TO ALPINE		JUL 1	8125.	8060.	8125.	0.	-65.	0.	0.	0.	5770.	19030326
34	SALT RIVER ABV RES		JUL 1	860.	860.	860.	0.	0.	0.	0.	0.	860.	19030326
35	GREYS RIVER ABV RES		JUL 1	1100.	1100.	1100.	0.	0.	0.	0.	0.	1100.	19030326
2	ALPINE TO IRWIN		JUL 2	10497.	12000.	10497.	0.	1503.	132.	0.	0.	413.	19030326
3	IRWIN TO HEISE		JUL 2	11364.	12800.	11302.	0.	1498.	0.	62.	66.	866.	19030326
4	HEISE TO BLW DRY BED	*	JUL 2	11364.	6444.	6902.	0.	-459.	0.	4400.	5574.	0.	19030326
32	BLW DRY BED TO LORENZO		JUL 2	11184.	5340.	5916.	0.	-576.	0.	807.	907.	-180.	19030326
11	TO HENRYS LAKE		JUN 29	95.	173.	95.	0.	78.	0.	0.	0.	95.	19030326
12	HENRYS L TO ISLAND PARK		JUN 30	833.	997.	833.	0.	164.	64.	0.	0.	738.	19030326
13	ISLAND PARK TO ASHTON		JUL 1	2049.	2200.	2039.	0.	161.	0.	10.	13.	1216.	19030326
30	ASHTON TO AB FALLS RIVER	*	JUL 1	2049.	2173.	2014.	0.	159.	0.	25.	27.	0.	19030326
14	TO GRASSY LAKE		JUL 1	1.	15.	1.	0.	14.	0.	0.	0.	1.	19030326
15	GRASSY LK TO ABV YELLOW		JUL 1	1266.	1280.	1266.	0.	14.	0.	0.	0.	1265.	19030326
16	ABV YELLOW TO CHESTER		JUL 1	1444.	780.	921.	0.	-141.	0.	522.	678.	178.	19030326
17	AB FALLS R TO ST ANTHONY		JUL 1	3318.	1590.	1735.	0.	-145.	0.	1026.	1169.	-174.	19030326
10	ST ANTHONY TO AB NF TETN	*	JUL 1	3318.	865.	1010.	0.	-145.	0.	725.	725.	0.	19030326
18	AB S LEIGH TO ST ANTHONY		JUL 1	1785.	1630.	1748.	0.	-118.	0.	37.	207.	1785.	19030326
19	ST ANTH TO TETON FORKS		JUL 1	1502.	423.	544.	0.	-121.	0.	922.	925.	-282.	19030326
47	TETON FORKS TO MOUTH	*	JUL 1	1502.	381.	503.	0.	-121.	0.	42.	42.	0.	19030326
20	AB NF TETN TO REXBURG		JUL 2	5115.	1540.	1807.	0.	-267.	0.	0.	0.	294.	19030326
21	LORENZO TO MENAN	*	JUL 2	16299.	6508.	7369.	0.	-862.	0.	353.	372.	0.	19030326
5	MENAN TO NR IDAHO FALLS		JUL 2	17409.	6560.	6818.	0.	-258.	0.	1661.	1789.	1110.	19030326
36	NR ID FALLS TO AB WLW CR	*	JUL 2	17409.	6195.	6665.	0.	-470.	0.	154.	365.	0.	19030326
23	WILLOW CRK BLW TEX CREEK		JUL 2	82.	80.	80.	0.	0.	0.	2.	2.	82.	18850401
24	BLW TEX CREEK TO NR RIRI		JUL 2	82.	123.	80.	0.	43.	14.	0.	0.	0.	18850401
25	NR RIRIE TO FDWY NR UCON		JUL 2	77.	0.	0.	0.	0.	0.	75.	879.	-5.	18850401
28	FDWY NR UCON TO END	*	JUL 2	77.	0.	0.	0.	0.	0.	0.	0.	0.	18850401
31	WILLOW CRK TO SHELLEY		JUL 3	17423.	5950.	6026.	0.	-76.	0.	576.	576.	-63.	19030326
6	SHELLEY TO AT BLACKFOOT		JUL 3	17068.	2290.	2593.	0.	-303.	0.	3077.	3218.	-356.	19030326
22	AT BLKFOOT TO BLW BLKFT	*	JUL 3	17068.	2152.	2455.	0.	-303.	0.	138.	138.	0.	19030326
38	BLW BLKFT TO NR BLKFOOT		JUL 4	17022.	2250.	2409.	0.	-159.	0.	0.	0.	-46.	19030326
39	PORTNUEF R AT POCATELLO		JUL 4	115.	115.	115.	0.	0.	0.	0.	0.	115.	19030326
7	NR BLACKFOOT TO NEELEY		JUL 5	17898.	13000.	3285.	0.	9715.	47.	0.	316.	761.	19030326
8	NEELEY TO MINIDOKA		JUL 5	18491.	11700.	3113.	0.	8587.	43.	765.	2346.	593.	19030326
9	MINIDOKA TO MILNER		JUL 6	18780.	2633.	0.	0.	2633.	0.	3402.	9229.	289.	19030326
									TOTALS	18780.	29562.	18780.	

* - INDICATES FLOW ESTIMATED, NOT MEASURED

	RESERVOIR	PREVIOUS AF	CURRNT AF	CHNG CFS	ACCRD CFS	TOTAL AF	EVAP AF
1	JACKSON LAKE	849050.0	848537.0	-258.6	0.0	847000.0	0.0
2	PALISADES	1152684.0	1149212.0	-1750.4	0.0	1003602.4	12998.0
3	HENRYS LAKE	88700.0	88700.0	0.0	0.0	36685.5	0.0
4	ISLAND PARK	133174.0	133100.0	-37.3	0.0	135000.0	5738.5
5	GRASSY LAKE	14856.0	14824.0	-16.1	0.0	5590.0	0.0
6	RIRIE	78450.0	78341.0	-55.0	0.0	14610.1	1858.6
7	AMERICAN FALLS	1361800.0	1341600.0	-10184.0	0.0	1672590.0	11873.7
8	LAKE WALCOTT	95065.0	94245.0	-413.4	0.0	95200.0	14198.5
9	LAKE MILNER	39100.0	38900.0	-100.8	0.0	0.0	0.0
	TOTAL	3812879.0	3787459.0	-12815.7	0.0	3810278.0	46667.3

	CHANGE IN CONTENT	STORAGE DIVERTED	STO PAST MILNER	TOTAL STORED	UNACCT STORED	AM FALLS GAIN DIFF
YEAR-TO-DATE AF	2506556.3	241537.1	1034882.5	3810278.0	22274.4	-4503.9

PRIORITY	RESERVOIR	AF RIGHT	AF STORED
1	JACKSON LAKE	298981.0	298981.0
2	LAKE WALCOTT	95200.0	95200.0
3	JACKSON LAKE	138829.0	138829.0
4	JACKSON LAKE	409190.0	409190.0
5	HENRYS LAKE	79350.0	36685.5
6	PALISADES	259600.0	259600.0
7	ISLAND PARK	45000.0	45000.0
8	AMERICAN FALLS	156830.0	156830.0
9	AMERICAN FALLS	1515760.0	1515760.0
10	ISLAND PARK	90000.0	90000.0
11	GRASSY LAKE	15204.0	5590.0
12	PALISADES	940400.0	744002.4
13	HENRYS LAKE	10650.0	0.0
14	RIRIE	80500.0	14610.1
15	AMERICAN FALLS	0.0	0.0
16	PALISADES	0.0	0.0

1 DIVERSION DATA - JUL 6, 20070129

	CFS	CFS	AF	AF		CFS	CFS	AF	AF		CFS	CFS	AF	AF

DIVERSION	DIVN	STOR	USED	RMNG	DIVERSION	DIVN	STOR	USED	RMNG	DIVERSION	DIVN	STOR	USED	RMNG
1 P BIRD	0	0	4	-4	113 L FRANSEN (29)	1	0	0	0	225 N FULLMER	6	0	0	0
2 BOY SCOUT PUMP	0	0	12	-12	114 L BRATT	0	0	0	0	226 D BOYCE	2	0	0	0
3 A ROSTAD	0	0	0	0	115 L LOOSLI #1	2	0	0	0	227 B TOMCHAK #1	0	0	0	0
4 R ROSE	0	0	3	-3	116 DEWEY	22	0	0	0	228 C BOYCE	0	0	0	0
5 PALISADES CANAL	60	0	0	0	117 J SEELEY	0	0	0	0	229 STIENKE-MURDOCK	1	0	0	0
6 J FLEMING	2	0	0	0	118 YELLOWSTONE	31	0	0	0	230 L CARLSON N (12)	0	0	0	0
7 MERT OGDEN	0	0	0	0	119 ATCHLEY PMPS (10	6	0	0	0	231 B TOMCHAK #2	0	0	51	-51
8 LYNN DIXON	0	0	2	-2	120 MARYSVILLE	154	0	0	0	232 L CARLSON S (12)	0	0	0	0
9 J CHICK	0	0	0	0	121 F & L GRIFFEL	3	3	48	-48	233 H BROWN	0	0	73	-73
10 L JACOBSON	1	1	44	-44	122 R BAUM	3	3	62	-62	234 KINGSTON NTH	1	0	0	0
11 I SPAULDING (TR)	0	0	0	0	123 G/6 (10)	1	0	0	0	235 G OFFUT (12)	1	0	0	0
12 B FOSTER	3	3	213	-213	124 FARMERS OWN	64	0	0	0	236 KINGSTON STH	2	0	0	0
13 ANDERSON	421	333	5758	-5758	125 W SCAFE	0	0	24	-24	237 BEAR ISL NORTH	1	0	0	0
14 M & M CATTLE (S)	0	0	31	-31	126 R STURM #2 (10)	1	0	0	0	238 BEAR ISL WEST	0	0	14	-14
15 M NEWBY #1	3	0	2	-2	127 R STURM #1 (10)	1	0	0	0	239 OSGOOD	97	0	0	0
16 M NEWBY #2 (18)	0	0	0	0	128 M GRIFFEL	1	1	48	-48	240 CLEMENTS	1	1	104	-104
17 M NEWBY #3 (18)	2	0	0	0	129 L LOOSLI #2	2	2	91	-91	241 KENNEDY	25	1	11	-11
18 EAGLE ROCK (1)	753	0	0	0	130 C MALOUF	2	2	107	-107	242 GREAT WESTERN	489	211	3170	-3170
19 FARMERS FRIEND	491	156	3531	-3531	131 CONANT CR CANAL	24	5	21	-21	243 L HANSEN E (12)	1	0	0	0
20 ENTERPRIZE	204	16	1159	-1159	132 K NYBORG	0	0	0	0	244 A ZOHNER	1	1	36	-36
21 C HICKMAN	0	0	0	0	133 BOOM CR CANAL	9	0	0	0	245 V CENELL	0	0	0	0
22 BUTLER ISLAND	40	0	600	-600	134 ORME CANAL	0	0	0	0	246 M BOAM (12)	0	0	0	0
23 ROSS AND RAND	5	0	45	-45	135 SQUIR PMP #3	0	0	0	0	247 R MACKAY (12)	0	0	0	0
24 STEELE	0	0	0	0	136 L ORME PUMP	0	0	0	0	248 IDAHO	1118	118	1263	-1263
25 HARRISON	573	102	4357	-4357	137 D HARSHBARGER(25	3	0	0	0	249 PORTER (16)	365	0	0	0
26 CHENEY (24)	0	0	0	0	138 SQUIR PMP #1 (19	14	0	0	0	250 LOERTSCHER	2	0	0	0
27 G SCOTT #1 (24)	1	0	0	0	139 D ZUNDELL (23)	1	0	0	0	251 BOYD FOSTER	7	0	0	0
28 J BROWN	0	0	0	0	140 L LOOSLI #3	2	0	0	0	252 SCHWENDIMAN	4	0	0	0
29 BUTLER ISL #2	0	0	0	0	141 L LOOSLI #4 (26)	2	0	0	0	253 LOVELL # 1	0	0	0	0
30 G SCOTT #2 (24)	1	0	0	0	142 D BUDGE	1	1	48	-48	254 FERGUSON	2	0	0	0
31 SUBDIV PUMP	1	0	0	0	143 J HILL (23)	0	0	0	0	255 LOVELL # 2	0	0	0	0
32 RUDY	200	62	2831	-2831	144 D REYNOLDS	1	1	68	-68	256 W REED #1	1	0	0	0
33 LOWDER SLOUGH	34	0	123	-123	145 C LOOSLI	5	5	146	-146	257 SARGENT & SUMMRS	0	0	0	0
34 KITE & NORD	5	0	23	-23	146 T POTTER	0	0	0	0	258 DURTSCHI PUMPS	0	0	0	0
35 BURGESS	1138	337	10032	-10032	147 ENTERPRISE	133	133	791	-791	259 W REED #2	2	0	0	0
36 M H HILL	0	0	100	-100	148 R D MILLER	0	0	0	0	260 FOSTER-SARGENT P	2	0	0	0
37 CLARK & EDWARDS	69	0	185	-185	149 C ATCHLEY (10)	3	0	0	0	261 SPERRY	0	0	0	0
38 CROFT	0	0	102	-102	150 W C DAVIS (10)	0	0	0	0	262 ORVAL AVERY	0	0	0	0
39 A ZAUGG	0	0	1	-1	151 FALL RIVER CANAL	114	0	0	0	263 ROY AVERY	20	0	0	0
40 G HOLMAN	0	0	0	0	152 CHESTER	53	0	0	0	264 STUCKI PUMPS	0	0	0	0
41 G MUMA	0	0	3	-3	153 MCBEE	2	0	11	-11	265 SCHWENDIMAN #2	9	0	0	0
42 EAST LABELLE	123	3	165	-165	154 SILKEY	18	0	1	-1	266 ROY COOPER SAND	8	0	0	0
43 B GROVER (22)	0	0	0	0	155 CURR	25	0	660	-660	267 ROY COOPER WILL	7	0	0	0
44 RIGBY	204	43	1458	-1458	156 RLF PUMP	0	0	39	-39	268 D KEELER	4	0	0	0
45 K FOSTER (22)	1	0	0	0	157 L LOOSLI #5	0	0	0	0	269 PROGRESSIVE SAND	582	0	49	-49
46 WHITE ISLAND	2	2	156	-156	158 G BLANCHARD	0	0	0	0	270 BEAN	0	0	0	0
47 DILTS LATERAL (2	9	0	0	0	159 LAST CHANCE	63	0	0	0	271 W & O COOPER	10	0	0	0
48 DILTS	31	12	238	-238	160 CROSSCUT TO TETN	67	15	3660	-3660	272 IDAHO FR SAND CK	36	36	422	-422
49 ISLAND	197	0	0	0	161 XCUT FALL R (15)	214	0	0	0	273 DEMICK	4	0	0	0
50 W LABELLE & LG I	556	31	654	-654	162 FARMERS FRIEND	60	0	0	0	274 PROGRESSIVE WILL	181	5	1921	-1921
51 PARKS & LEWSVLLE	404	55	1643	-1643	163 TWIN GROVES	93	0	0	0	275 IF MONROC LYONS	0	0	0	0
52 NORTH RIGBY	54	4	836	-836	164 ST ANTHONY UNION	356	0	0	0	276 WOODVILLE	45	0	0	0
53 JEFF HILLS ELEC	0	0	0	0	165 SALEM UNION	316	76	192	-192	277 WOODVL PMP#1 (21	1	0	0	0
54 WHITE DITCH (3)	0	0	0	0	166 EGIN	275	0	254	-254	278 WOODVL PMP#2 (21	1	0	0	0
55 D PHILLIPS	0	0	2	-2	167 ST AN U FDR (17)	54	0	0	0	279 WOODVL SIPH (21	10	0	0	0
56 VON BARON	0	0	5	-5	168 INDEPENDENT	186	0	0	0	280 IDAHO PUMP	0	0	2	-2
57 BRAMWELL	0	0	0	0	169 CONSOLIDATED FRS	210	0	0	0	281 SNAKE RIVER VY	520	0	0	0
58 ELLIS (11)	0	0	0	0	170 SOUTH PIPE	20	20	387	-387	282 P HILL (13)	0	0	0	0
59 D SCOTT (3)	0	0	0	0	171 J RICKS	0	0	55	-55	283 RESERV MITIG	276	0	0	0
60 FRESH PAC	2	0	0	0	172 BOELKE	13	13	415	-415	284 RESERVATION	273	0	228	-228
61 J T JONES	0	0	0	0	173 CLEMENTSVILLE	34	25	840	-840	285 BLACKFOOT	353	0	0	0
62 C JONES	0	0	0	0	174 HIBBERT FARMS	0	0		0	286 NEW LAVA SIDE	147	0	10	-10
63 W DABELL	3	0	0	0	175 R & J BROWN	20	20		-758	287 R C ADAMS #1 (5)	0	0	0	0
64 D STOKER	0	0	86	-86	176 P L STOTT	0	0	0	0	288 R C ADAMS #2 (5)	0	0	0	0

65	J N ERICKSON	5	5	12	-12	177	B PARKINSON	26	25	1313	-1313	289	PEOPLES	312	0	0	0
66	NELSON	0	0	0	0	178	CANYON CR CANAL	21	0	0	0	290	ABERDEEN	1283	111	1629	-1629
67	MATTSON-CRAIG	41	13	107	-107	179	G CRAPO	2	0	0	0	291	SWID (20)	0	0	0	0
68	SUNNYDELL	214	0	43	-43	180	P STEVENS	7	7	411	-411	292	CORBETT	185	0	0	0
69	B COVINGTON	7	7	411	-411	181	V SCHWENDIMAN	31	31	1243	-1243	293	NIELSON-HANSEN	8	0	56	-56
70	T PARKINSON	4	4	206	-206	182	R B RICKS	6	6	244	-244	294	R LAMBERT (7)	0	0	0	0
71	R GROVER	3	3	200	-200	183	CANYON CR LAT	27	23	60	-60	295	K CHRISTENSEN(6)	0	0	0	0
72	D CHENEY	0	0	10	-10	184	H BISCHOFF	0	0	18	-18	296	RIVERSIDE	133	28	345	-345
73	L ROBINSON	0	0	0	0	185	WILFORD	163	0	0	0	297	DANSKIN	186	1	4	-4
74	LENROOT	159	23	109	-109	186	D ALLEN (14)	0	0	0	0	298	TREGO	61	0	0	0
75	R BURNS	0	0	0	0	187	B TUCKER (14)	0	0	0	0	299	JENSEN GROVE	0	0	2890	-2890
76	REID	199	51	1368	-1368	188	B PARKER (14)	0	0	0	0	300	WEARYRICK	43	0	0	0
77	TEXAS & LIBRTY P	281	0	0	0	189	SIDDOWAY PMP (14	1	0	0	0	301	WATSON	72	0	0	0
78	BANNOCK JIM	16	0	65	-65	190	MCKINNLEY (14)	0	0	0	0	302	PARSONS	23	0	0	0
79	HILL PETTINGER	14	11	77	-77	191	TETON IRRIGATION	47	0	0	0	303	GROUNDWATER SHEL	0	0	0	0
80	NELSON COREY	6	0	0	0	192	SIDDOWAY (14)	7	0	0	0	304	FT HALL MICHAUD	181	181	17872	-17872
81	L HILL	2	0	0	0	193	PIONEER	14	0	0	0	305	FALLS IRRIGATION	135	135	4846	-4846
82	G MAROTZ	0	0	0	0	194	STEWART	23	0	6	-6	306	M OSBORN	1	0	0	0
83	N FK HIGHLANDS	0	0	0	0	195	N BIRCH	0	0	2	-2	307	CALL FARMS	8	0	170	-170
84	F HOWELL	0	0	0	0	196	B LEAVITT	1	1	3	-3	308	R EVANS	0	0	0	0
85	S BOLLAERT	0	0	0	0	197	PINCOCK-BYINGTON	14	0	0	0	309	GROUNDWATER NEEL	0	0	0	0
86	F VANDERSLOOT #1	0	0	0	0	198	B HOLLIST	0	0	0	0	310	MINIDOKA NTH S	1255	1580	19931	-19931
87	F VANDERSLOOT #2	0	0	0	0	199	TETON ISLAND FDR	473	0	0	0	311	MINIDOKA STH (8)	1082	0	0	0
88	F VANDERSLOOT #3	0	0	0	0	200	SALEM UNION B	0	0	0	0	312	E HERBERT	1	1	36	-36
89	T HOLCOMB	1	1	9	-9	201	J HARRIS	0	0	3	-3	313	MID MISC	0	0	77	-77
90	R LEE	0	0	0	0	202	ROXANA	7	0	0	0	314	MILNER MISC	1	1	135	-135
91	Z EGBERT #1 (10)	1	0	0	0	203	ISLAND WARD	11	0	0	0	315	LAW-KER FARMS	1	1	24	-24
92	R RITCHEY	0	0	0	0	204	SAUREY	24	0	4	-4	316	BURLEY GC	1	1	77	-77
93	N MILLER #1	0	0	9	-9	205	GARDNER-BEDDES	2	0	63	-63	317	CITY OF BURLEY	1	1	26	-26
94	N MILLER #2 (28)	0	0	0	0	206	BIGLER SLOUGH	0	0	31	-31	318	SIMPLOT FTLZR	0	0	0	0
95	Z EGBERT #2	0	0	22	-22	207	WOODMANSEE-JSN	14	0	0	0	319	AMALGA SUGAR	1	1	36	-36
96	R D BAKER	1	0	0	0	208	G GODFREY	0	0	0	0	320	R TILLEY PUMP	0	0	18	-18
97	D PHELPS (10)	0	0	0	0	209	R R RICKS	2	2	57	-57	321	COORS BREWNG	0	0	91	-91
98	D SEELEY	0	0	0	0	210	CITY OF REXBURG	6	0	0	0	322	K SANDMANN	0	0	1	-1
99	Z EGBERT #3 (10)	4	0	0	0	211	T BRUNSON (27)	0	0	0	0	323	H SCHODDE	2	0	0	0
100	Z EGBERT #4	0	0	9	-9	212	J S WRIGHT	0	0	0	0	324	BAR-U-RANCH #1	1	1	23	-23
101	Z EGBERT #5	2	2	39	-39	213	REXBURG IRRIG	157	0	0	0	325	BAR-U-RANCH #2	2	2	48	-48
102	G NEDROW	1	0	0	0	214	BEAVER DICK PMP	0	0	12	-12	326	M HOBSON	1	1	33	-33
103	BAKER & NEDROW	1	1	61	-61	215	GROUNDWATER HENR	0	0	0	0	327	V HOBSON	1	1	45	-45
104	M REYNOLDS #1	1	0	6	-6	216	L A HARTERT (4)	0	0	0	0	328	A & B IRR DIST	270	270	10331	-10331
105	R & C BAUM	1	0	0	0	217	A GUNDERSON (4)	1	0	0	0	329	PA LATERAL (9)	66	0	0	0
106	J MCCULLOCH	1	0	0	0	218	MILLER-BARNS (4)	0	0	0	0	330	MILNER IRRIG	297	297	8691	-8691
107	M REYNOLDS #2	1	0	0	0	219	BUTTE SLOUGH (4)	0	0	0	0	331	A LATERAL (9)	74	0	0	0
108	A NEDROW #1	0	0	0	0	220	BUTTE & MARKET L	371	19	63	-63	332	J BRUNE (9)	2	0	0	0
109	A NEDROW #2	0	0	0	0	221	BEAR TRAP	40	0	0	0	333	NS XCUT GDNG (9)	779	0	0	0
110	J NEDROW	0	0	34	-34	222	WALKER FARMS	5	5	173	-173	334	RES DIST #2	1594	1594	58781	-58781
111	V & D KIRKHAM	1	1	20	-20	223	M TOMCHAK	0	0	0	0	335	NORTHSIDE TWIN F	2588	3109	44963	-44963
112	D NEDROW	1	1	58	-58	224	A WILDE PUMP	1	1	38	-38	336	TWIN FALLS SOUTH	3547	547	13257	-13257

STORAGE USED COMBINED WITH (1)ANDERSON, (2)DILTS, (3)W LABL & LI, (4)BUTTE & MARKET L, (5)PEOPLES, (6)NEW LAVA SIDE (7)RIVERSIDE, (8)MINIDOKA NTH S, (9)NORTHSIDE TWIN F, (10)MARYSVILLE, (11)BRAMWELL, (12)BURGESS, (13)SNAKE R VY (14)TETON IRR, (15)FALL R, (16)GREAT WESTERN, (17)ST ANTHONY UN, (18)NEWBY #1, (19)SQUIRREL #3, AND (20)MIL IRRIG, MINIDOKA STH & T.F.S.S., (21)WOODVILLE CANAL, (22)CLARK & EDWARDS, (23)CONANT CR CANAL, (24)STEELE, (25)BOOM CREEK PUMP (26)L LOOSLI #3, (27)WOODMANSEE-JOHNSON, (28)MILLER #1, (29)FARMERS OWN

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MISCELLANEOUS DATA- JUL 6, 2006

EAGLE ROCK DUMP:	809.	CFS
EAGLE ROCK CREDIT:	763.	CFS
EAGLE ROCK TOTAL:	52973.	AF
RIRIE LOSS:	2.	CFS
RIRIE TOTAL:	5378.	AF
WILLOW CREEK LOSS:	-2.	CFS
WILLOW CREEK TOTAL:	-1302.	AF

1305815
1305819

DRY BED:	4440.	CFS
CROSS CUT AT HEAD:	281.	CFS
CROSS CUT AT MIDDLE:	116.	CFS
CROSS CUT AT END:	52.	CFS
S BRANCH FALL RIVER BLW XCUT	75.	CFS
S BRANCH FALL RIVER ABV XCUT	26.	CFS
N FORK TETON BELOW SPLITTER	151.	CFS
S FORK TETON AT REXBURG	272.	CFS
RESERVATION AT HEAD:	549.	CFS
SAND CREEK TO RESERVATION	117.	CFS
RESERVATION AT DROP:	608.	CFS
TRIBAL 1867:	335.	CFS
TRIBAL TOTAL VOLUME:	37770.	AF
NON TRIBAL 1891:	260.	CFS
NON TRIBAL VOLUME:	29328.	AF
SPRING CREEK:	244.	CFS
SPRING CREEK GAIN:	2239.	CFS
SWID START DAY OF THE YEAR	136	
SWID:	0.	CFS
SWID TOTAL VOLUME:	6725.	AF
MINIDOKA-MILNER REACH GAIN:	323.	CFS
MEASURED RETURN FLOW:	134.	CFS
MINIDOKA RETURN FLOW CREDIT	34.	CFS
MINIDOKA TOTAL CREDIT	828.	AF
GAIN AVERAGING ADJUSTMENT	-1281217.	AF

1 WATER DISTRICT 01 - SNAKE RIVER FLOW ACCOUNTING (VER 1.4) - JUL 15, 2006 20070129

	REACH FLOWS IN CFS		ACTUAL DATE	NATURAL FLOW	ACTUAL FLOW	RMAINING NAT FLOW	POWER FLOW	STORED FLOW	RESRVOIR EVAP	NATURAL FLOW DIV	TOTAL RCH DIV	REACH GAIN	LAST RIGHT
1	TO MORAN		JUL 10	1551.	2120.	1551.	0.	569.	0.	0.	0.	1551.	18960709
33	MORAN TO ALPINE		JUL 10	5771.	6340.	5771.	0.	569.	0.	0.	0.	4220.	18960709
34	SALT RIVER ABV RES		JUL 10	774.	774.	774.	0.	0.	0.	0.	0.	774.	18960709
35	GREYS RIVER ABV RES		JUL 10	835.	835.	835.	0.	0.	0.	0.	0.	835.	18960709
2	ALPINE TO IRWIN		JUL 11	7560.	12100.	7560.	0.	4540.	86.	0.	0.	180.	18960709
3	IRWIN TO HEISE		JUL 11	8328.	12800.	8278.	0.	4522.	0.	50.	68.	768.	18960709
4	HEISE TO BLW DRY BED	*	JUL 11	8328.	6615.	4022.	0.	2593.	0.	4256.	5514.	0.	18960709
32	BLW DRY BED TO LORENZO		JUL 11	8193.	5560.	3327.	0.	2233.	0.	560.	880.	-135.	18960709
11	TO HENRYS LAKE		JUL 8	94.	133.	94.	0.	39.	0.	0.	0.	94.	18960709
12	HENRYS L TO ISLAND PARK		JUL 9	691.	1020.	691.	0.	329.	0.	0.	0.	596.	18960709
13	ISLAND PARK TO ASHTON		JUL 10	1825.	2140.	1814.	0.	326.	0.	10.	14.	1134.	18960709
30	ASHTON TO AB FALLS RIVER	*	JUL 10	1825.	2114.	1811.	0.	303.	0.	3.	26.	0.	18960709
14	TO GRASSY LAKE		JUL 10	-2.	15.	-2.	0.	17.	0.	0.	0.	-2.	18960709
15	GRASSY LK TO ABV YELLOW		JUL 10	1043.	1060.	1043.	0.	17.	0.	0.	0.	1045.	18960709
16	ABV YELLOW TO CHESTER		JUL 10	1008.	386.	567.	0.	-181.	0.	441.	639.	-35.	18960709
17	AB FALLS R TO ST ANTHONY		JUL 10	2730.	1260.	1340.	0.	-80.	0.	934.	1121.	-103.	18960709
10	ST ANTHONY TO AB NF TETN	*	JUL 10	2730.	505.	585.	0.	-80.	0.	755.	755.	0.	18960709
18	AB S LEIGH TO ST ANTHONY		JUL 10	1234.	1120.	1221.	0.	-101.	0.	14.	178.	1234.	18960709
19	ST ANTH TO TETON FORKS		JUL 10	1010.	119.	326.	0.	-207.	0.	670.	789.	-224.	18960709
47	TETON FORKS TO MOUTH	*	JUL 10	1010.	70.	289.	0.	-220.	0.	37.	49.	0.	18960709
20	AB NF TETN TO REXBURG		JUL 11	4068.	903.	1203.	0.	-300.	0.	0.	0.	328.	18960709
21	LORENZO TO MENAN	*	JUL 11	12261.	6127.	4194.	0.	1933.	0.	336.	336.	0.	18960709
5	MENAN TO NR IDAHO FALLS		JUL 11	13371.	6020.	3761.	0.	2259.	0.	1544.	1652.	1110.	18960709
36	NR ID FA[illegible] TO AB WLW CR	*	JUL 11	13371.	5667.	3612.	0.	55.	0.	148.	353.	0.	18960709
23	WILLOW [illegible]BLW TEX CREEK		JUL 11	72.	70.	70.	0.	0.	0.	2.	2.	72.	18850401
24	BLW TEX [illegible]EK TO NR RIRI		JUL 11	72.	121.	70.	0.	51.	14.	0.	0.	0.	18850401

25	NR RIRIE TO FDWY NR UCON	JUL 11	70.	0.	0.	0.	0.	0.	68.	886.	-2.	18850401
28	FDWY NR UCON TO END	* JUL 11	70.	0.	0.	0.	0.	0.	0.	0.	0.	18850401
31	WILLOW CRK TO SHELLEY	JUL 12	13465.	5340.	3259.	0.	2081.	0.	377.	539.	25.	18960709
6	SHELLEY TO AT BLACKFOOT	JUL 12	13177.	2100.	132.	0.	1968.	0.	2839.	2876.	-288.	18960709
22	AT BLKFOOT TO BLW BLKFT	* JUL 12	13177.	1968.	0.	0.	1968.	0.	132.	132.	0.	18960709
38	BLW BLKFT TO NR BLKFOOT	JUL 13	13218.	1980.	41.	0.	1939.	0.	0.	0.	40.	19001011
39	PORTNUEF R AT POCATELLO	JUL 13	99.	99.	99.	0.	0.	0.	0.	0.	99.	19001011
7	NR BLACKFOOT TO NEELEY	JUL 14	14380.	14000.	1203.	0.	12797.	92.	0.	307.	1063.	19001011
8	NEELEY TO MINIDOKA	JUL 14	14773.	11400.	1588.	0.	9812.	107.	9.	2336.	394.	19001011
9	MINIDOKA TO MILNER	JUL 15	14787.	2581.	0.	0.	2581.	0.	1601.	8987.	14.	19001011

* - INDICATES FLOW ESTIMATED, NOT MEASURED — TOTALS 14787. 28439. 14787.

	RESERVOIR	PREVIOUS AF	CURRNT AF	CHNG CFS	ACCRD CFS	TOTAL AF	EVAP AF
1	JACKSON LAKE	842919.0	841388.0	-771.9	0.0	847000.0	0.0
2	PALISADES	1107094.0	1099093.0	-4033.8	0.0	1003602.4	14646.4
3	HENRYS LAKE	87600.0	87600.0	0.0	0.0	36685.5	0.0
4	ISLAND PARK	129281.0	128424.0	-432.1	0.0	135000.0	6303.6
5	GRASSY LAKE	14560.0	14526.0	-17.1	0.0	5590.0	0.0
6	RIRIE	77348.0	77193.0	-78.1	0.0	14610.1	2077.0
7	AMERICAN FALLS	1174018.0	1153541.0	-10323.7	0.0	1672590.0	13297.6
8	LAKE WALCOTT	94711.0	95418.0	356.4	0.0	95200.0	15989.1
9	LAKE MILNER	39200.0	38900.0	-151.2	0.0	0.0	0.0
	TOTAL	3566731.0	3536083.0	-15451.5	0.0	3810278.0	52313.7

		CHANGE IN CONTENT	STORAGE DIVERTED	STO PAST MILNER	TOTAL STORED	UNACCT STORED	AM FALLS GAIN DIFF
	YEAR-TO-DATE AF	2255180.3	442936.1	1081183.4	3810278.0	22274.4	-3892.0

PRIORITY	RESERVOIR	AF RIGHT	AF STORED
1	JACKSON LAKE	298981.0	298981.0
2	LAKE WALCOTT	95200.0	95200.0
3	JACKSON LAKE	138829.0	138829.0
4	JACKSON LAKE	409190.0	409190.0
5	HENRYS LAKE	79350.0	36685.5
6	PALISADES	259600.0	259600.0
7	ISLAND PARK	45000.0	45000.0
8	AMERICAN FALLS	156830.0	156830.0
9	AMERICAN FALLS	1515760.0	1515760.0
10	ISLAND PARK	90000.0	90000.0
11	GRASSY LAKE	15204.0	5590.0
12	PALISADES	940400.0	744002.4
13	HENRYS LAKE	10650.0	0.0
14	RIRIE	80500.0	14610.1
15	AMERICAN FALLS	0.0	0.0
16	PALISADES	0.0	0.0

1 DIVERSION DATA - JUL 15, 2006 — 20070129

	DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG
1	P BIRD	0	0	9	-9
2	BOY SCOUT PUMP	0	0	15	-15
3	A ROSTAD	0	0	0	0
4	R ROSE	0	0	3	-3
5	PALISADES CANAL	62	13	26	-26
6	J FLEMING	2	0	0	0
7	MERT OGDEN	0	0	0	0
8	LYNN DIXON	0	0	2	-2
9	J CHICK	0	0	0	0
10	L JACOBSON	0	0	58	-58
11	I SPAULDING (TR)	0	0	0	0
12	B FOSTER	3	3	274	-274
13	ANDERSON	401	337	11716	-11716
14	M & M CATTLE (S)	0	0	38	-38
15	M NEWBY #1	0	3	55	-55
16	M NEWBY #2 (18)	0	0	0	0
17	M NEWBY #3 (18)	2	0	0	0
18	EAGLE ROCK (1)	753	0	0	0
19	FARMERS FRIEND	421	86	6115	-6115
20	ENTERPRIZE	232	112	1788	-1788
21	C HICKMAN	0	0	0	0
22	BUTLER ISLAND	46	4	653	-653
23	ROSS AND RAND	6	1	61	-61
24	STEELE	0	0	0	0
25	HARRISON	628	157	7055	-7055
26	CHENEY (24)	0	0	0	0
27	G SCOTT #1 (24)	1	0	0	0
28	J BROWN	0	0	0	0
29	BUTLER [illegible]	0	0	0	0
30	G SCOTT [illegible] (24)	1	0	0	0
113	L FRANSEN (29)	1	0	0	0
114	L BRATT	0	0	0	0
115	L LOOSLI #1	2	0	0	0
116	DEWEY	22	22	44	-44
117	J SEELEY	0	0	0	0
118	YELLOWSTONE	35	0	4	-4
119	ATCHLEY PMPS (10	5	0	0	0
120	MARYSVILLE	163	0	0	0
121	F & L GRIFFEL	2	2	66	-66
122	R BAUM	2	2	76	-76
123	G/6 (10)	0	0	0	0
124	FARMERS OWN	59	0	0	0
125	W SCAFE	0	0	31	-31
126	R STURM #2 (10)	1	0	0	0
127	R STURM #1 (10)	1	0	0	0
128	M GRIFFEL	1	1	62	-62
129	L LOOSLI #2	2	2	117	-117
130	C MALOUF	2	2	139	-139
131	CONANT CR CANAL	15	16	280	-280
132	K NYBORG	0	0	0	0
133	BOOM CR CANAL	8	11	184	-184
134	ORME CANAL	0	0	0	0
135	SQUIR PMP #3	2	15	194	-194
136	L ORME PUMP	2	2	15	-15
137	D HARSHBARGER(25	3	0	0	0
138	SQUIR PMP #1 (19	13	0	0	0
139	D ZUNDELL (23)	1	0	0	0
140	L LOOSLI #3	2	0	0	0
141	L LOOSLI #4 (26)	2	0	0	0
142	D BUDGE	1	1	62	-62
225	N FULLMER	6	0	0	0
226	D BOYCE	2	0	0	0
227	B TOMCHAK #1	0	0	0	0
228	C BOYCE	0	0	0	0
229	STIENKE-MURDOCK	1	0	0	0
230	L CARLSON N (12)	0	0	0	0
231	B TOMCHAK #2	1	0	51	-51
232	L CARLSON S (12)	0	0	0	0
233	H BROWN	1	0	73	-73
234	KINGSTON NTH	2	0	0	0
235	G OFFUT (12)	1	0	0	0
236	KINGSTON STH	3	0	0	0
237	BEAR ISL NORTH	1	0	0	0
238	BEAR ISL WEST	1	0	16	-16
239	OSGOOD	87	66	131	-131
240	CLEMENTS	2	2	138	-138
241	KENNEDY	18	0	12	-12
242	GREAT WESTERN	489	205	6887	-6887
243	L HANSEN E (12)	1	0	0	0
244	A ZOHNER	1	1	44	-44
245	V CENELL	0	0	0	0
246	M BOAM (12)	0	0	0	0
247	R MACKAY (12)	0	0	0	0
248	IDAHO	1037	37	2606	-2606
249	PORTER (16)	353	0	0	0
250	LOERTSCHER	2	0	0	0
251	BOYD FOSTER	7	0	0	0
252	SCHWENDIMAN	3	0	0	0
253	LOVELL # 1	2	0	0	0
254	FERGUSON	5	0	0	0

31	SUBDIV PUMP	1	0	0	0	143	J HILL (23)	0	0	0	0	255	LOVELL # 2	1	0	0	0
32	RUDY	253	127	4845	-4845	144	D REYNOLDS	1	1	89	-89	256	W REED #1	1	0	0	0
33	LOWDER SLOUGH	78	26	506	-506	145	C LOOSLI	4	4	208	-208	257	SARGENT & SUMMRS	11	0	0	0
34	KITE & NORD	10	3	51	-51	146	T POTTER	0	0	0	0	258	DURTSCHI PUMPS	0	0	0	0
35	BURGESS	1076	275	15626	-15626	147	ENTERPRISE	138	138	3174	-3174	259	W REED #2	3	0	0	0
36	M H HILL	3	3	134	-134	148	R D MILLER	0	0	0	0	260	FOSTER-SARGENT P	2	0	0	0
37	CLARK & EDWARDS	69	0	202	-202	149	C ATCHLEY (10)	2	0	0	0	261	SPERRY	2	0	0	0
38	CROFT	0	0	117	-117	150	W C DAVIS (10)	0	0	0	0	262	ORVAL AVERY	5	0	0	0
39	A ZAUGG	0	0	1	-1	151	FALL RIVER CANAL	85	17	33	-33	263	ROY AVERY	16	0	0	0
40	G HOLMAN	0	0	0	0	152	CHESTER	48	0	0	0	264	STUCKI PUMPS	2	0	0	0
41	G MUMA	0	0	4	-4	153	MCBEE	3	0	12	-12	265	SCHWENDIMAN #2	9	0	0	0
42	EAST LABELLE	131	11	280	-280	154	SILKEY	12	0	1	-1	266	ROY COOPER SAND	9	0	0	0
43	B GROVER (22)	0	0	0	0	155	CURR	24	0	660	-660	267	ROY COOPER WILL	5	0	0	0
44	RIGBY	204	43	2390	-2390	156	RLF PUMP	0	0	44	-44	268	D KEELER	4	0	0	0
45	K FOSTER (22)	1	0	0	0	157	L LOOSLI #5	0	0	0	0	269	PROGRESSIVE SAND	550	0	49	-49
46	WHITE ISLAND	2	2	190	-190	158	G BLANCHARD	0	0	0	0	270	BEAN	0	0	0	0
47	DILTS LATERAL (2	8	0	0	0	159	LAST CHANCE	66	66	131	-131	271	W & O COOPER	7	0	0	0
48	DILTS	26	6	377	-377	160	CROSSCUT TO TETN	63	0	3896	-3896	272	IDAHO FR SAND CK	48	48	1012	-1012
49	ISLAND	196	0	0	0	161	XCUT FALL R (15)	271	0	0	0	273	DEMICK	3	0	0	0
50	W LABELLE & LG I	470	0	658	-658	162	FARMERS FRIEND	61	41	670	-670	274	PROGRESSIVE WILL	190	2	2051	-2051
51	PARKS & LEWSVLLE	394	45	2227	-2227	163	TWIN GROVES	98	0	0	0	275	IF MONROC LYONS	0	0	0	0
52	NORTH RIGBY	47	0	878	-878	164	ST ANTHONY UNION	326	0	0	0	276	WOODVILLE	48	0	0	0
53	JEFF HILLS ELEC	0	0	0	0	165	SALEM UNION	236	0	238	-238	277	WOODVL PMP#1 (21	1	0	0	0
54	WHITE DITCH (3)	10	0	0	0	166	EGIN	270	0	254	-254	278	WOODVL PMP#2 (21	1	0	0	0
55	D PHILLIPS	0	0	3	-3	167	ST AN U FDR (17)	52	0	0	0	279	WOODVL SIPH (21	10	0	0	0
56	VON BARON	0	0	6	-6	168	INDEPENDENT	186	0	0	0	280	IDAHO PUMP	0	0	2	-2
57	BRAMWELL	0	0	0	0	169	CONSOLIDATED FRS	247	0	0	0	281	SNAKE RIVER VY	480	162	321	-321
58	ELLIS (11)	11	0	0	0	170	SOUTH PIPE	7	7	551	-551	282	P HILL (13)	0	0	0	0
59	D SCOTT (3)	0	0	0	0	171	J RICKS	3	3	72	-72	283	RESERV MITIG	104	0	0	0
60	FRESH PAC	2	0	0	0	172	BOELKE	14	14	574	-574	284	RESERVATION	273	0	228	-228
61	J T JONES	0	0	0	0	173	CLEMENTSVILLE	31	22	1253	-1253	285	BLACKFOOT	333	0	0	0
62	C JONES (3)	0	0	0	0	174	HIBBERT FARMS	0	0	0	0	286	NEW LAVA SIDE	119	0	10	-10
63	W DABELL (3)	0	0	0	0	175	R & J BROWN	19	19	1095	-1095	287	R C ADAMS #1 (5)	0	0	0	0
64	D STOKER	0	0	141	-141	176	P L STOTT	0	0	0	0	288	R C ADAMS #2 (5)	0	0	0	0
65	J N ERICKSON	5	5	109	-109	177	B PARKINSON	22	21	1700	-1700	289	PEOPLES	319	0	0	0
66	NELSON	0	0	0	0	178	CANYON CR CANAL	16	16	52	-52	290	ABERDEEN	1198	26	2504	-2504
67	MATTSON-CRAIG	25	12	157	-157	179	G CRAPO	2	2	37	-37	291	SWID (20)	0	0	0	0
68	SUNNYDELL	228	133	1494	-1494	180	P STEVENS	7	7	534	-534	292	CORBETT	159	0	0	0
69	B COVINGTON	7	7	531	-531	181	V SCHWENDIMAN	27	27	1693	-1693	293	NIELSON-HANSEN	11	0	56	-56
70	T PARKINSON	4	4	271	-271	182	R B RICKS	6	6	359	-359	294	R LAMBERT (7)	0	0	0	0
71	R GROVER	3	3	260	-260	183	CANYON CR LAT	24	20	426	-426	295	K CHRISTENSEN(6)	0	0	0	0
72	D CHENEY	0	0	10	-10	184	H BISCHOFF	0	0	23	-23	296	RIVERSIDE	99	0	426	-426
73	L ROBINSON	0	0	0	0	185	WILFORD	85	7	14	-14	297	DANSKIN	194	9	197	-197
74	LENROOT	167	107	449	-449	186	D ALLEN (14)	0	0	0	0	298	TREGO	65	0	11	-11
75	R BURNS	0	0	0	0	187	B TUCKER (14)	0	0	0	0	299	JENSEN GROVE	2	2	2894	-2894
76	REID	196	48	2258	-2258	188	B PARKER (14)	0	0	0	0	300	WEARYRICK	31	0	0	0
77	TEXAS & LIBRTY P	234	0	0	0	189	SIDDOWAY PMP (14	1	0	0	0	301	WATSON	79	0	0	0
78	BANNOCK JIM	17	5	79	-79	190	MCKINNLEY (14)	0	0	0	0	302	PARSONS	22	0	0	0
79	HILL PETTINGER	16	13	296	-296	191	TETON IRRIGATION	51	0	0	0	303	GROUNDWATER SHEL	0	0	0	0
80	NELSON COREY	7	0	0	0	192	SIDDOWAY (14)	5	0	0	0	304	FT HALL MICHAUD	182	182	21143	-21143
81	L HILL	0	0	15	-15	193	PIONEER	11	0	1	-1	305	FALLS IRRIGATION	125	125	6974	-6974
82	G MAROTZ	0	0	0	0	194	STEWART	14	6	18	-18	306	M OSBORN	1	0	0	0
83	N FK HIGHLANDS	0	0	0	0	195	N BIRCH	0	0	7	-7	307	CALL FARMS	8	0	174	-174
84	F HOWELL	0	0	0	0	196	B LEAVITT	1	1	12	-12	308	R EVANS	0	0	0	0
85	S BOLLAERT	0	0	0	0	197	PINCOCK-BYINGTON	12	5	10	-10	309	GROUNDWATER NEEL	0	0	0	0
86	F VANDERSLOOT #1	0	0	0	0	198	B HOLLIST	0	0	0	0	310	MINIDOKA NTH S	1201	2327	59581	-59581
87	F VANDERSLOOT #2	0	0	0	0	199	TETON ISLAND FDR	363	0	0	0	311	MINIDOKA STH (8)	1126	0	0	0
88	F VANDERSLOOT #3	0	0	0	0	200	SALEM UNION B	0	0	0	0	312	E HERBERT	1	1	45	-45
89	T HOLCOMB	1	1	18	-18	201	J HARRIS	0	0	5	-5	313	MID MISC	0	0	84	-84
90	R LEE	0	0	0	0	202	ROXANA	21	5	60	-60	314	MILNER MISC	1	1	147	-147
91	Z EGBERT #1 (10)	1	0	0	0	203	ISLAND WARD	7	7	167	-167	315	LAW-KER FARMS	1	1	45	-45
92	R RITCHEY	0	0	0	0	204	SAUREY	21	0	4	-4	316	BURLEY GC	1	1	97	-97
93	N MILLER #1	0	0	10	-10	205	GARDNER-BEDDES	0	0	63	-63	317	CITY OF BURLEY	1	1	44	-44
94	N MILLER (28)	0	0	0	0	206	BIGLER SLOUGH	1	0		-31	318	SIMPLOT FTLZR	0	0	0	0
95	Z EGBER	0	0	33	-33	207	WOODMANSEE-JSN	9	0		0	319	AMALGA SUGAR	1	1	47	-47
96	R D BAKE	1	0	0	0	208	G GODFREY	0	0	0	0	320	R TILLEY PUMP	0	0	23	-23

97	D	PHELPS (10)	2	0	0	0	209	R R RICKS	0	0	67	-67	321	COORS BREWNG	3	3	102	-102
98	D	SEELEY	2	0	0	0	210	CITY OF REXBURG	5	0	0	0	322	K SANDMANN	0	0	1	-1
99	Z	EGBERT #3 (10)	2	0	0	0	211	T BRUNSON (27)	1	0	0	0	323	H SCHODDE	2	0	0	0
100	Z	EGBERT #4	0	0	14	-14	212	J S WRIGHT	0	0	0	0	324	BAR-U-RANCH #1	1	1	33	-33
101	Z	EGBERT #5	2	2	73	-73	213	REXBURG IRRIG	230	100	198	-198	325	BAR-U-RANCH #2	2	2	78	-78
102	G	NEDROW	1	0	0	0	214	BEAVER DICK PMP	0	0	14	-14	326	M HOBSON	1	1	49	-49
103	BAKER & NEDROW		1	1	81	-81	215	GROUNDWATER HENR	0	0	0	0	327	V HOBSON	1	1	60	-60
104	M	REYNOLDS #1	1	0	7	-7	216	L A HARTERT (4)	1	0	0	0	328	A & B IRR DIST	278	278	15137	-15137
105	R & C BAUM		1	0	0	0	217	A GUNDERSON (4)	1	0	0	0	329	PA LATERAL (9)	64	0	0	0
106	J	MCCULLOCH	1	0	0	0	218	MILLER-BARNS (4)	0	0	0	0	330	MILNER IRRIG	218	218	13067	-13067
107	M	REYNOLDS #2	1	0	0	0	219	BUTTE SLOUGH (4)	0	0	0	0	331	A LATERAL (9)	70	0	0	0
108	A	NEDROW #1	0	0	0	0	220	BUTTE & MARKET L	334	0	133	-133	332	J BRUNE (9)	2	0	0	0
109	A	NEDROW #2	0	0	0	0	221	BEAR TRAP	0	0	0	0	333	NS XCUT GDNG (9)	851	0	0	0
110	J	NEDROW	0	0	34	-34	222	WALKER FARMS	0	0	180	-180	334	RES DIST #2	1531	1531	86786	-86786
111	V & D KIRKHAM		0	0	27	-27	223	M TOMCHAK	0	0	0	0	335	NORTHSIDE TWIN F	2555	3354	103679	-103679
112	D	NEDROW	1	1	75	-75	224	A WILDE PUMP	1	1	51	-51	336	TWIN FALLS SOUTH	3403	1992	32927	-32927

STORAGE USED COMBINED WITH (1)ANDERSON, (2)DILTS, (3)W LABL & LI, (4)BUTTE & MARKET L, (5)PEOPLES, (6)NEW LAVA SIDE
(7)RIVERSIDE, (8)MINIDOKA NTH S, (9)NORTHSIDE TWIN E, (10)MARYSVILLE, (11)BRAMWELL, (12)BURGESS, (13)SNAKE R VY
(14)TETON IRR, (15)FALL R, (16)GREAT WESTERN, (17)ST ANTHONY UN, (18)NEWBY #1, (19)SQUIRREL #3, AND (20)MIL IRRIG,
MINIDOKA STH & T.F.S.S., (21)WOODVILLE CANAL, (22)CLARK & EDWARDS, (23)CONANT CR CANAL, (24)STEELE, (25)BOOM CREEK PUMP
(26)L LOOSLI #3, (27)WOODMANSEE-JOHNSON, (28)MILLER #1, (29)FARMERS OWN

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MISCELLANEOUS DATA- JUL 15, 2006

EAGLE ROCK DUMP:	791.	CFS
EAGLE ROCK CREDIT:	768.	CFS
EAGLE ROCK TOTAL:	66541.	AF
RIRIE LOSS:	-14.	CFS
RIRIE TOTAL:	5196.	AF
WIILOW CREEK LOSS:	-1.	CFS
WILLOW CREEK TOTAL:	-1325.	AF
DRY BED:	4350.	CFS
CROSS CUT AT HEAD:	334.	CFS
CROSS CUT AT MIDDLE:	112.	CFS
CROSS CUT AT END:	97.	CFS
S BRANCH FALL RIVER BLW XCUT	63.	CFS
S BRANCH FALL RIVER ABV XCUT	14.	CFS
N FORK TETON BELOW SPLITTER	76.	CFS
S FORK TETON AT REXBURG	43.	CFS
RESERVATION AT HEAD:	377.	CFS
SAND CREEK TO RESERVATION	100.	CFS
RESERVATION AT DROP:	438.	CFS
TRIBAL 1867:	165.	CFS
TRIBAL TOTAL VOLUME:	42316.	AF
NON TRIBAL 1891:	260.	CFS
NON TRIBAL VOLUME:	33969.	AF
SPRING CREEK:	246.	CFS
SPRING CREEK GAIN:	2249.	CFS
SWID START DAY OF THE YEAR	136	
SWID:	0.	CFS
SWID TOTAL VOLUME:	6725.	AF
MINIDOKA-MILNER REACH GAIN:	53.	CFS
MEASURED RET[illegible] FLOW:	158.	CFS
MINIDOKA RE[illegible] FLOW CREDIT	39.	CFS
MINIDOKA TO[illegible] REDIT:	1555.	AF

GAIN AVERAGING ADJUSTMENT: -1282070. AF

1 WATER DISTRICT 01 - SNAKE RIVER FLOW ACCOUNTING (VER 1.3) - JUL 6, 2006 20070129

	REACH FLOWS IN CFS		ACTUAL DATE	NATURAL FLOW	ACTUAL FLOW	RMAINING NAT FLOW	POWER FLOW	STORED FLOW	RESRVOIR EVAP	NATURAL FLOW DIV	TOTAL RCH DIV	REACH GAIN	LAST RIGHT
1	TO MORAN		JUL 1	2355.	2290.	2355.	0.	-65.	0.	0.	0.	2355.	19030326
33	MORAN TO ALPINE		JUL 1	8125.	8060.	8125.	0.	-65.	0.	0.	0.	5770.	19030326
34	SALT RIVER ABV RES		JUL 1	860.	860.	860.	0.	0.	0.	0.	0.	860.	19030326
35	GREYS RIVER ABV RES		JUL 1	1100.	1100.	1100.	0.	0.	0.	0.	0.	1100.	19030326
2	ALPINE TO IRWIN		JUL 2	10497.	12000.	10497.	0.	1503.	132.	0.	0.	413.	19030326
3	IRWIN TO HEISE		JUL 2	11364.	12800.	11302.	0.	1498.	0.	62.	66.	866.	19030326
4	HEISE TO BLW DRY BED	*	JUL 2	11364.	6444.	6902.	0.	-459.	0.	4400.	5574.	0.	19030326
32	BLW DRY BED TO LORENZO		JUL 2	11184.	5340.	5916.	0.	-576.	0.	807.	907.	-180.	19030326
11	TO HENRYS LAKE		JUN 29	95.	173.	95.	0.	78.	0.	0.	0.	95.	19030326
12	HENRYS L TO ISLAND PARK		JUN 30	833.	997.	833.	0.	164.	64.	0.	0.	738.	19030326
13	ISLAND PARK TO ASHTON		JUL 1	2049.	2200.	2045.	0.	155.	0.	4.	13.	1216.	19030326
30	ASHTON TO AB FALLS RIVER	*	JUL 1	2049.	2173.	2020.	0.	153.	0.	25.	27.	0.	19030326
14	TO GRASSY LAKE		JUL 1	1.	15.	1.	0.	14.	0.	0.	0.	1.	19030326
15	GRASSY LK TO ABV YELLOW		JUL 1	1266.	1280.	1282.	0.	-2.	0.	-17.	0.	1265.	19030326
16	ABV YELLOW TO CHESTER		JUL 1	1443.	780.	904.	0.	-124.	0.	540.	678.	178.	19030326
17	AB FALLS R TO ST ANTHONY		JUL 1	3318.	1590.	1735.	0.	-145.	0.	1026.	1169.	-174.	19030326
10	ST ANTHONY TO AB NF TETN	*	JUL 1	3318.	865.	1010.	0.	-145.	0.	725.	725.	0.	19030326
18	AB S LEIGH TO ST ANTHONY		JUL 1	1785.	1630.	1748.	0.	-118.	0.	37.	207.	1785.	19030326
19	ST ANTH TO TETON FORKS		JUL 1	1502.	423.	544.	0.	-121.	0.	922.	925.	-282.	19030326
47	TETON FORKS TO MOUTH	*	JUL 1	1502.	381.	503.	0.	-121.	0.	42.	42.	0.	19030326
20	AB NF TETN TO REXBURG		JUL 2	5114.	1540.	1806.	0.	-266.	0.	0.	0.	294.	19030326
21	LORENZO TO MENAN	*	JUL 2	16298.	6508.	7369.	0.	-861.	0.	353.	372.	0.	19030326
5	MENAN TO NR IDAHO FALLS		JUL 2	17409.	6560.	6818.	0.	-258.	0.	1661.	1789.	1110.	19030326
36	NR ID FALLS TO AB WLW CR	*	JUL 2	17409.	6195.	6664.	0.	-469.	0.	154.	365.	0.	19030326
23	WILLOW CRK BLW TEX CREEK		JUL 2	82.	80.	80.	0.	0.	0.	2.	2.	82.	18850401
24	BLW TEX CREEK TO NR RIRI		JUL 2	82.	123.	80.	0.	43.	14.	0.	0.	0.	18850401
25	NR RIRIE TO FDWY NR UCON		JUL 2	76.	0.	0.	0.	0.	0.	75.	870.	-5.	18850401
28	FDWY NR UCON TO END	*	JUL 2	76.	0.	0.	0.	0.	0.	0.	0.	0.	18850401
31	WILLOW CRK TO SHELLEY		JUL 3	17422.	5950.	6026.	0.	-76.	0.	576.	576.	-63.	19030326
6	SHELLEY TO AT BLACKFOOT		JUL 3	17067.	2290.	2593.	0.	-303.	0.	3077.	3218.	-356.	19030326
22	AT BLKFOOT TO BLW BLKFT	*	JUL 3	17067.	2152.	2455.	0.	-303.	0.	138.	138.	0.	19030326
38	BLW BLKFT TO NR BLKFOOT		JUL 4	17021.	2250.	2409.	0.	-159.	0.	0.	0.	-46.	19030326
39	PORTNUEF R AT POCATELLO		JUL 4	115.	115.	115.	0.	0.	0.	0.	0.	115.	19030326
7	NR BLACKFOOT TO NEELEY		JUL 5	17897.	13000.	3285.	0.	9715.	47.	0.	316.	761.	19030326
8	NEELEY TO MINIDOKA		JUL 5	18489.	11700.	3113.	0.	8587.	43.	765.	2346.	593.	19030326
9	MINIDOKA TO MILNER		JUL 6	18779.	2633.	0.	0.	2633.	0.	3402.	9229.	289.	19030326
	* - INDICATES FLOW ESTIMATED NOT MEASURED								TOTALS	18773.	29552.	18779.	

	RESERVOIR	PREVIOUS AF	CURRNT AF	CHNG CFS	ACCRD CFS	TOTAL AF	EVAP AF
1	JACKSON LAKE	849050.0	848537.0	-258.6	0.0	847000.0	0.0
2	PALISADES	1152684.0	1149212.0	-1750.4	0.0	1003570.6	12998.0
3	HENRYS LAKE	88700.0	88700.0	0.0	0.0	36685.5	0.0
4	ISLAND PARK	133174.0	133100.0	-37.3	0.0	135000.0	5738.5
5	GRASSY LAKE	14856.0	14824.0	-16.1	0.0	5590.0	0.0
6	RIRIE	78450.0	78341.0	-55.0	0.0	14610.1	1858.6
7	AMERICAN FALLS	1361800.0	1341600.0	-10184.0	0.0	1672590.0	11873.7
8	LAKE WALCOTT	95065.0	94245.0	-413.4	0.0	95200.0	14198.5
9	LAKE MILNER	39100.0	38900.0	-100.8	0.0	0.0	0.0
	TOTAL	3812879.0	3787459.0	-12815.7	0.0	3810246.2	46667.3

	CHANGE IN CONTENT	STORAGE DIVERTED	STO PAST MILNER	TOTAL STORED	UNACCT STORED	AM FALLS GAIN DIFF
YEAR-TO-DATE AF	2506556.3	241511.6	1034882.5	3810246.2	22274.4	-450[illegible]

	PRIORITY	RESERVOIR	AF RIGHT	AF STORED
	1	JACKSON LAKE	298981.0	298981.0
	2	LAKE WALCOTT	95200.0	95200.0
	3	JACKSON LAKE	138829.0	138829.0
	4	JACKSON LAKE	409190.0	409190.0
	5	HENRYS LAKE	79350.0	36685.5
	6	PALISADES	259600.0	259600.0
	7	ISLAND PARK	45000.0	45000.0
	8	AMERICAN FALLS	156830.0	156830.0
	9	AMERICAN FALLS	1515760.0	1515760.0
	10	ISLAND PARK	90000.0	90000.0
	11	GRASSY LAKE	15204.0	5590.0
	12	PALISADES	940400.0	743970.6
	13	HENRYS LAKE	10650.0	0.0
	14	RIRIE	80500.0	14610.1
	15	AMERICAN FALLS	0.0	0.0
	16	PALISADES	0.0	0.0

1 DIVERSION DATA - JUL 6, 20070129

	DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG
1	P BIRD	0	0	4	-4
2	BOY SCOUT PUMP	0	0	12	-12
3	A ROSTAD	0	0	0	0
4	R ROSE	0	0	3	-3
5	PALISADES CANAL	60	0	0	0
6	J FLEMING	2	0	0	0
7	MERT OGDEN	0	0	0	0
8	LYNN DIXON	0	0	2	-2
9	J CHICK	0	0	0	0
10	L JACOBSON	1	1	44	-44
11	I SPAULDING (TR)	0	0	0	0
12	B FOSTER	3	3	213	-213
13	ANDERSON	421	333	5759	-5759
14	M & M CATTLE (S)	0	0	31	-31
15	M NEWBY #1	3	0	2	-2
16	M NEWBY #2 (18)	0	0	0	0
17	M NEWBY #3 (18)	2	0	0	0
18	EAGLE ROCK (1)	753	0	0	0
19	FARMERS FRIEND	491	156	3532	-3532
20	ENTERPRIZE	204	16	1159	-1159
21	C HICKMAN	0	0	0	0
22	BUTLER ISLAND	40	0	600	-600
23	ROSS AND RAND	5	0	45	-45
24	STEELE	0	0	0	0
25	HARRISON	573	102	4358	-4358
26	CHENEY (24)	0	0	0	0
27	G SCOTT #1 (24)	1	0	0	0
28	J BROWN	0	0	0	0
29	BUTLER ISL #2	0	0	0	0
30	G SCOTT #2 (24)	1	0	0	0
31	SUBDIV PUMP	1	0	0	0
32	RUDY	200	62	2832	-2832
33	LOWDER SLOUGH	34	0	123	-123
34	KITE & NORD	5	0	23	-23
35	BURGESS	1138	337	10032	-10032
36	M H HILL	0	0	100	-100
37	CLARK & EDWARDS	69	0	185	-185
38	CROFT	0	0	102	-102
39	A ZAUGG	0	0	1	-1
40	G HOLMAN	0	0	0	0
41	G MUMA	0	0	3	-3
42	EAST LABELLE	123	3	165	-165
43	B GROVER (22)	0	0	0	0
44	RIGBY	204	43	1458	-1458
45	K FOSTER (22)	1	0	0	0
46	WHITE ISLAND	2	2	156	-156
47	DILTS LATERAL (2	9	0	0	0
48	DILTS	31	12	238	-238
49	ISLAND	197	0	0	0
50	W LABELLE & LG I	556	31	654	-654
51	PARKS & LEWSVLLE	404	55	1643	-1643
52	NORTH RIGBY	54	4	836	-836
53	JEFF HILLS ELEC	0	0	0	0
54	WHITE DITCH (3)	0	0	0	0
55	D PHILLIPS	0	0	2	-2
56	VON BARON	0	0	5	-5
57	BRAMWELL	0	0	0	0
58	ELLIS (11)	0	0	0	0
59	D SCOTT (3)	0	0	0	0
60	FRESH PAC	2	0	0	0
61	J T JONES	0	0	0	0
62	C JONES	0	0	0	0
113	L FRANSEN (29)	1	0	0	0
114	L BRATT	0	0	0	0
115	L LOOSLI #1	2	0	0	0
116	DEWEY	22	0	0	0
117	J SEELEY	0	0	0	0
118	YELLOWSTONE	31	0	0	0
119	ATCHLEY PMPS (10	6	0	0	0
120	MARYSVILLE	154	0	0	0
121	F & L GRIFFEL	3	3	48	-48
122	R BAUM	3	3	62	-62
123	G/6 (10)	1	0	0	0
124	FARMERS OWN	64	0	0	0
125	W SCAFE	0	0	24	-24
126	R STURM #2 (10)	1	0	0	0
127	R STURM #1 (10)	1	0	0	0
128	M GRIFFEL	1	1	48	-48
129	L LOOSLI #2	2	2	91	-91
130	C MALOUF	2	2	107	-107
131	CONANT CR CANAL	24	5	21	-21
132	K NYBORG	0	0	0	0
133	BOOM CR CANAL	9	0	0	0
134	ORME CANAL	0	0	0	0
135	SQUIR PMP #3	0	0	0	0
136	L ORME PUMP	0	0	0	0
137	D HARSHBARGER(25	3	0	0	0
138	SQUIR PMP #1 (19	14	0	0	0
139	D ZUNDELL (23)	1	0	0	0
140	L LOOSLI #3	2	0	0	0
141	L LOOSLI #4 (26)	2	0	0	0
142	D BUDGE	1	1	48	-48
143	J HILL (23)	0	0	0	0
144	D REYNOLDS	1	1	68	-68
145	C LOOSLI	5	5	146	-146
146	T POTTER	0	0	0	0
147	ENTERPRISE	133	133	791	-791
148	R D MILLER	0	0	0	0
149	C ATCHLEY (10)	3	0	0	0
150	W C DAVIS (10)	0	0	0	0
151	FALL RIVER CANAL	114	0	0	0
152	CHESTER	53	0	0	0
153	MCBEE	2	0	11	-11
154	SILKEY	18	0	1	-1
155	CURR	25	0	660	-660
156	L LOOSLI #5	0	0	0	0
157	G BLANCHARD	0	0	0	0
158	LAST CHANCE	63	0	0	0
159	CROSSCUT TO TETN	67	15	3660	-3660
160	XCUT FALL R (15)	214	0	0	0
161	FARMERS FRIEND	60	0	0	0
162	TWIN GROVES	93	0	0	0
163	ST ANTHONY UNION	356	0	0	0
164	SALEM UNION	316	76	192	-192
165	EGIN	275	0	254	-254
166	ST AN U FDR (17)	54	0	0	0
167	INDEPENDENT	186	0	0	0
168	CONSOLIDATED FRS	210	0	0	0
169	SOUTH PIPE	20	20	387	-387
170	J RICKS	0	0	55	-55
171	BOELKE	13	13	415	-415
172	CLEMENTSVILLE	34	25	840	-840
173	HIBBERT FARMS	0	0	0	0
174	R & J BROWN	20	20	758	-758
225	D BOYCE	2	0	0	0
226	B TOMCHAK #1	0	0	0	0
227	C BOYCE	0	0	0	0
228	STIENKE-MURDOCK	1	0	0	0
229	L CARLSON N (12)	0	0	0	0
230	B TOMCHAK #2	0	0	51	-51
231	L CARLSON S (12)	0	0	0	0
232	H BROWN	0	0	73	-73
233	KINGSTON NTH	1	0	0	0
234	G OFFUT (12)	1	0	0	0
235	KINGSTON STH	2	0	0	0
236	BEAR ISL NORTH	1	0	0	0
237	BEAR ISL WEST	0	0	14	-14
238	OSGOOD	97	0	0	0
239	CLEMENTS	1	1	104	-104
240	KENNEDY	25	1	11	-11
241	GREAT WESTERN	489	211	3171	-3171
242	L HANSEN E (12)	1	0	0	0
243	A ZOHNER	1	1	36	-36
244	V CENELL	0	0	0	0
245	M BOAM (12)	0	0	0	0
246	R MACKAY (12)	0	0	0	0
247	IDAHO	1118	118	1263	-1263
248	PORTER (16)	365	0	0	0
249	LOERTSCHER	2	0	0	0
250	BOYD FOSTER	7	0	0	0
251	SCHWENDIMAN	4	0	0	0
252	LOVELL # 1	0	0	0	0
253	FERGUSON	2	0	0	0
254	LOVELL # 2	0	0	0	0
255	W REED #1	1	0	0	0
256	SARGENT & SUMMRS	0	0	0	0
257	DURTSCHI PUMPS	0	0	0	0
258	W REED #2	2	0	0	0
259	FOSTER-SARGENT P	2	0	0	0
260	SPERRY	0	0	0	0
261	ORVAL AVERY	0	0	0	0
262	ROY AVERY	20	0	0	0
263	STUCKI PUMPS	0	0	0	0
264	ROY COOPER SAND	8	0	0	0
265	ROY COOPER WILL	7	0	0	0
266	D KEELER	4	0	0	0
267	PROGRESSIVE SAND	582	0	49	-49
268	BEAN	0	0	0	0
269	W & O COOPER	10	0	0	0
270	IDAHO FR SAND CK	36	36	420	-420
271	DEMICK	4	0	0	0
272	PROGRESSIVE WILL	181	4	1919	-1919
273	IF MONROC LYONS	0	0	0	0
274	WOODVILLE	45	0	0	0
275	WOODVL PMP#1 (21	1	0	0	0
276	WOODVL PMP#2 (21	1	0	0	0
277	WOODVL SIPH (21	10	0	0	0
278	IDAHO PUMP	0	0	2	-2
279	SNAKE RIVER VY	520	0	0	0
280	P HILL (13)	0	0	0	0
281	RESERV MITIG	276	0	0	0
282	RESERVATION	273	0	228	-228
283	BLACKFOOT	353	0	0	0
284	NEW LAVA SIDE	147	0	10	-10
285	R C ADAMS #1 (5)	0	0	0	0
286	R C ADAMS #2 (5)	0	0	0	0

63	W DABELL (3)	3	0	0	0	175	P L STOTT	0	0	0	0	287	PEOPLES	312	0	0	0
64	D STOKER	0	0	86	-86	176	B PARKINSON	26	25	1313	-1313	288	ABERDEEN	1283	111	1629	-1629
65	J N ERICKSON	5	5	12	-12	177	CANYON CR CANAL	21	0	0	0	289	SWID (20)	0	0	0	0
66	NELSON	0	0	0	0	178	G CRAPO	2	0	0	0	290	CORBETT	185	0	0	0
67	MATTSON-CRAIG	41	13	107	-107	179	P STEVENS	7	7	411	-411	291	NIELSON-HANSEN	8	0	56	-56
68	SUNNYDELL	214	0	43	-43	180	V SCHWENDIMAN	31	31	1243	-1243	292	R LAMBERT (7)	0	0	0	0
69	B COVINGTON	7	7	411	-411	181	R B RICKS	6	6	244	-244	293	K CHRISTENSEN(6)	0	0	0	0
70	T PARKINSON	4	4	206	-206	182	CANYON CR LAT	27	23	60	-60	294	RIVERSIDE	133	28	345	-345
71	R GROVER	3	3	200	-200	183	H BISCHOFF	0	0	18	-18	295	DANSKIN	186	1	4	-4
72	D CHENEY	0	0	10	-10	184	WILFORD	163	0	0	0	296	TREGO	61	0	0	0
73	L ROBINSON	0	0	0	0	185	D ALLEN (14)	0	0	0	0	297	JENSEN GROVE	0	0	2890	-2890
74	LENROOT	159	23	109	-109	186	B TUCKER (14)	0	0	0	0	298	WEARYRICK	43	0	0	0
75	R BURNS	0	0	0	0	187	B PARKER (14)	0	0	0	0	299	WATSON	72	0	0	0
76	REID	199	51	1369	-1369	188	SIDDOWAY PMP (14	1	0	0	0	300	PARSONS	23	0	0	0
77	TEXAS & LIBRTY P	281	0	0	0	189	MCKINNLEY (14)	0	0	0	0	301	GROUNDWATER SHEL	0	0	0	0
78	BANNOCK JIM	16	0	65	-65	190	TETON IRRIGATION	47	0	0	0	302	FT HALL MICHAUD	181	181	17872	-17872
79	HILL PETTINGER	14	11	77	-77	191	SIDDOWAY (14)	7	0	0	0	303	FALLS IRRIGATION	135	135	4846	-4846
80	NELSON COREY	6	0	0	0	192	PIONEER	14	0	0	0	304	M OSBORN	1	0	0	0
81	L HILL	2	0	0	0	193	STEWART	23	0	6	-6	305	CALL FARMS	8	0	170	-170
82	G MAROTZ	0	0	0	0	194	N BIRCH	0	0	2	-2	306	R EVANS	0	0	0	0
83	N FK HIGHLANDS	0	0	0	0	195	B LEAVITT	1	1	3	-3	307	GROUNDWATER NEEL	0	0	0	0
84	F HOWELL	0	0	0	0	196	PINCOCK-BYINGTON	14	0	0	0	308	MINIDOKA NTH S	1255	1581	19934	-19934
85	S BOLLAERT	0	0	0	0	197	B HOLLIST	0	0	0	0	309	MINIDOKA STH (8)	1082	0	0	0
86	F VANDERSLOOT #1	0	0	0	0	198	TETON ISLAND FDR	473	0	0	0	310	E HERBERT	1	1	36	-36
87	F VANDERSLOOT #2	0	0	0	0	199	SALEM UNION B	0	0	0	0	311	MID MISC	0	0	77	-77
88	F VANDERSLOOT #3	0	0	0	0	200	J HARRIS	0	0	3	-3	312	MILNER MISC	1	1	135	-135
89	T HOLCOMB	1	1	9	-9	201	ROXANA	7	0	0	0	313	LAW-KER FARMS	1	1	24	-24
90	R LEE	0	0	0	0	202	ISLAND WARD	11	0	0	0	314	BURLEY GC	1	1	77	-77
91	Z EGBERT #1 (10)	1	0	0	0	203	SAUREY	24	0	4	-4	315	CITY OF BURLEY	1	1	26	-26
92	R RITCHEY	0	0	0	0	204	GARDNER-BEDDES	2	0	63	-63	316	SIMPLOT FTLZR	0	0	0	0
93	N MILLER #1	0	0	9	-9	205	BIGLER SLOUGH	0	0	31	-31	317	AMALGA SUGAR	1	1	36	-36
94	N MILLER #2 (28)	0	0	0	0	206	WOODMANSEE-JSN	14	0	0	0	318	R TILLEY PUMP	0	0	18	-18
95	Z EGBERT #2	0	0	22	-22	207	G GODFREY	0	0	0	0	319	COORS BREWNG	0	0	91	-91
96	R D BAKER	1	0	0	0	208	R R RICKS	2	2	57	-57	320	K SANDMANN	0	0	1	-1
97	D PHELPS (10)	0	0	0	0	209	CITY OF REXBURG	6	0	0	0	321	H SCHODDE	2	0	0	0
98	D SEELEY	0	0	0	0	210	T BRUNSON (27)	0	0	0	0	322	BAR-U-RANCH #1	1	1	23	-23
99	Z EGBERT #3 (10)	4	0	0	0	211	J S WRIGHT	0	0	0	0	323	BAR-U-RANCH #2	2	2	48	-48
100	Z EGBERT #4	0	0	9	-9	212	REXBURG IRRIG	157	0	0	0	324	M HOBSON	1	1	33	-33
101	Z EGBERT #5	2	2	39	-39	213	BEAVER DICK PMP	0	0	12	-12	325	V HOBSON	1	1	45	-45
102	G NEDROW	1	0	0	0	214	GROUNDWATER HENR	0	0	0	0	326	A & B IRR DIST	270	270	10331	-10331
103	BAKER & NEDROW	1	1	61	-61	215	L A HARTERT (4)	0	0	0	0	327	PA LATERAL (9)	66	0	0	0
104	M REYNOLDS #1	1	0	6	-6	216	A GUNDERSON (4)	1	0	0	0	328	MILNER IRRIG	297	297	8691	-8691
105	R & C BAUM	1	0	0	0	217	MILLER-BARNS (4)	0	0	0	0	329	A LATERAL (9)	74	0	0	0
106	J MCCULLOCH	1	0	0	0	218	BUTTE SLOUGH (4)	0	0	0	0	330	J BRUNE (9)	2	0	0	0
107	M REYNOLDS #2	1	0	0	0	219	BUTTE & MARKET L	371	19	63	-63	331	NS XCUT GDNG (9)	779	0	0	0
108	A NEDROW #1	0	0	0	0	220	BEAR TRAP	40	0	0	0	332	RES DIST #2	1594	1594	58786	-58786
109	A NEDROW #2	0	0	0	0	221	WALKER FARMS	5	5	173	-173	333	NORTHSIDE TWIN F	2588	3109	44966	-44966
110	J NEDROW	0	0	34	-34	222	M TOMCHAK	0	0	0	0	334	TWIN FALLS SOUTH	3547	547	13259	-13259
111	V & D KIRKHAM	1	1	20	-20	223	A WILDE PUMP	1	1	38	-38						
112	D NEDROW	1	1	58	-58	224	N FULLMER	6	0	0	0						

STORAGE USED COMBINED WITH (1)ANDERSON, (2)DILTS, (3)W LABL & LI, (4)BUTTE & MARKET L, (5)PEOPLES, (6)NEW LAVA SIDE (7)RIVERSIDE, (8)MINIDOKA NTH S, (9)NORTHSIDE TWIN F, (10)MARYSVILLE, (11)BRAMWELL, (12)BURGESS, (13)SNAKE R VY (14)TETON IRR, (15)FALL R, (16)GREAT WESTERN, (17)ST ANTHONY UN, (18)NEWBY #1, (19)SQUIRREL #3, AND (20)MIL IRRIG, MINIDOKA STH & T.F.S.S., (21)WOODVILLE CANAL, (22)CLARK & EDWARDS, (23)CONANT CR CANAL, (24)STEELE, (25)BOOM CREEK PUMP (26)L LOOSLI #3, (27)WOODMANSEE-JOHNSON, (28)MILLER #1, (29)FARMERS OWN

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MISCELLANEOUS DATA JUL 6, 2006

EAGLE ROCK DUMP:	809.	CFS
EAGLE ROCK CREDIT:	755.	CFS
EAGLE ROCK TOTAL:	52696.	AF
RIRIE LOSS:	2.	CFS
RIRIE TOTAL:	5378.	AF

WIILOW CREEK LOSS:	-3.	CFS
WILLOW CREEK TOTAL:	-1309.	AF
DRY BED:	4440.	CFS
CROSS CUT AT HEAD:	281.	CFS
CROSS CUT AT MIDDLE:	116.	CFS
CROSS CUT AT END:	52.	CFS
S BRANCH FALL RIVER BLW XCUT:	75.	CFS
S BRANCH FALL RIVER ABV XCUT:	26.	CFS
N FORK TETON BELOW SPLITTER	151.	CFS
S FORK TETON AT REXBURG:	272.	CFS
RESERVATION AT HEAD:	549.	CFS
SAND CREEK TO RESERVATION:	117.	CFS
RESERVATION AT DROP:	608.	CFS
TRIBAL 1867:	335.	CFS
TRIBAL TOTAL VOLUME:	37770.	AF
NON TRIBAL 1891:	260.	CFS
NON TRIBAL VOLUME:	29328.	AF
SPRING CREEK:	244.	CFS
SPRING CREEK GAIN:	2239.	CFS
SWID START DAY OF THE YEAR	136	
SWID:	0.	CFS
SWID TOTAL VOLUME:	6725.	AF
MINIDOKA-MILNER REACH GAIN:	323.	CFS
MEASURED RETURN FLOW:	134.	CFS
MINIDOKA RETURN FLOW CREDIT:	34.	CFS
MINIDOKA TOTAL CREDIT:	828.	AF
GAIN AVERAGING ADJUSTMENT:	-1281217.	AF

1 WATER DISTRICT 01 - SNAKE RIVER FLOW ACCOUNTING (VER 1.3) - JUL 15, 2006 20070129

	REACH FLOWS IN CFS		ACTUAL DATE	NATURAL FLOW	ACTUAL FLOW	RMAINING NAT FLOW	POWER FLOW	STORED FLOW	RESRVOIR EVAP	NATURAL FLOW DIV	TOTAL RCH DIV	REACH GAIN	LAST RIGHT
1	TO MORAN		JUL 10	1551.	2120.	1551.	0.	569.	0.	0.	0.	1551.	18960709
33	MORAN TO ALPINE		JUL 10	5771.	6340.	5771.	0.	569.	0.	0.	0.	4220.	18960709
34	SALT RIVER ABV RES		JUL 10	774.	774.	774.	0.	0.	0.	0.	0.	774.	18960709
35	GREYS RIVER ABV RES		JUL 10	835.	835.	835.	0.	0.	0.	0.	0.	835.	18960709
2	ALPINE TO IRWIN		JUL 11	7560.	12100.	7560.	0.	4540.	86.	0.	0.	180.	18960709
3	IRWIN TO HEISE		JUL 11	8328.	12800.	8278.	0.	4522.	0.	50.	68.	768.	18960709
4	HEISE TO BLW DRY BED	*	JUL 11	8328.	6615.	4022.	0.	2593.	0.	4256.	5514.	0.	18960709
32	BLW DRY BED TO LORENZO		JUL 11	8193.	5560.	3327.	0.	2233.	0.	560.	880.	-135.	18960709
11	TO HENRYS LAKE		JUL 8	94.	133.	94.	0.	39.	0.	0.	0.	94.	18960709
12	HENRYS L TO ISLAND PARK		JUL 9	691.	1020.	691.	0.	329.	0.	0.	0.	596.	18960709
13	ISLAND PARK TO ASHTON		JUL 10	1825.	2140.	1819.	0.	321.	0.	5.	14.	1134.	18960709
30	ASHTON TO AB FALLS RIVER	*	JUL 10	1825.	2114.	1817.	0.	297.	0.	3.	26.	0.	18960709
14	TO GRASSY LAKE		JUL 10	-2.	15.	-2.	0.	17.	0.	0.	0.	-2.	18960709
15	GRASSY LK TO ABV YELLOW		JUL 10	1043.	1060.	1056.	0.	4.	0.	-13.	0.	1045.	18960709
16	ABV YELLOW TO CHESTER		JUL 10	1008.	386.	552.	0.	-166.	0.	455.	639.	-35.	18960709
17	AB FALLS R TO ST ANTHONY		JUL 10	2729.	1260.	1340.	0.	-80.	0.	934.	1121.	-103.	18960709
10	ST ANTHONY TO AB NF TETN	*	JUL 10	2729.	505.	585.	0.	-80.	0.	755.	755.	0.	18960709
18	AB S LEIGH TO ST ANTHONY		JUL 10	1234.	1120.	1221.	0.	-101.	0.	14.	178.	1234.	18960709
19	ST ANTH TO TETON FORKS		JUL 10	1010.	119.	326.	0.	-207.	0.	670.	789.	-224.	18960709
47	TETON FORKS TO MOUTH	*	JUL 10	1010.	70.	289.	0.	-220.	0.	37.	49.	0.	18960709
20	AB NF TE O REXBURG		JUL 11	4068.	903.	1202.	0.	9.	0.	0.	0.	328.	18960709
21	LORENZO ENAN	*	JUL 11	12261.	6127.	4194.	0.	4.	0.	336.	336.	0.	18960709

5	MENAN TO NR IDAHO FALLS	JUL 11	13371.	6020.	3760.	0.	2260.	0.	1544.	1652.	1110.	18960709
36	NR ID FALLS TO AB WLW CR *	JUL 11	13371.	5667.	3612.	0.	2055.	0.	148.	353.	0.	18960709
23	WILLOW CRK BLW TEX CREEK	JUL 11	72.	70.	70.	0.	0.	0.	2.	2.	72.	18850401
24	BLW TEX CREEK TO NR RIRI	JUL 11	72.	121.	70.	0.	51.	14.	0.	0.	0.	18850401
25	NR RIRIE TO FDWY NR UCON	JUL 11	69.	0.	0.	0.	0.	0.	67.	877.	-3.	18850401
28	FDWY NR UCON TO END *	JUL 11	69.	0.	0.	0.	0.	0.	0.	0.	0.	18850401
31	WILLOW CRK TO SHELLEY	JUL 12	13464.	5340.	3259.	0.	2081.	0.	377.	539.	25.	18960709
6	SHELLEY TO AT BLACKFOOT	JUL 12	13176.	2100.	132.	0.	1968.	0.	2839.	2876.	-288.	18960709
22	AT BLKFOOT TO BLW BLKFT *	JUL 12	13176.	1968.	0.	0.	1968.	0.	132.	132.	0.	18960709
38	BLW BLKFT TO NR BLKFOOT	JUL 13	13217.	1980.	41.	0.	1939.	0.	0.	0.	40.	19001011
39	PORTNUEF R AT POCATELLO	JUL 13	99.	99.	99.	0.	0.	0.	0.	0.	99.	19001011
7	NR BLACKFOOT TO NEELEY	JUL 14	14379.	14000.	1203.	0.	12797.	92.	0.	307.	1063.	19001011
8	NEELEY TO MINIDOKA	JUL 14	14772.	11400.	1588.	0.	9812.	107.	9.	2336.	394.	19001011
9	MINIDOKA TO MILNER	JUL 15	14786.	2581.	0.	0.	2581.	0.	1601.	8987.	14.	19001011
								TOTALS	14781.	28429.	14786.	

* - INDICATES FLOW ESTIMATED, NOT MEASURED

	RESERVOIR	PREVIOUS AF	CURRNT AF	CHNG CFS	ACCRD CFS	TOTAL AF	EVAP AF
1	JACKSON LAKE	842919.0	841388.0	-771.9	0.0	847000.0	0.0
2	PALISADES	1107094.0	1099093.0	-4033.8	0.0	1003570.6	14646.4
3	HENRYS LAKE	87600.0	87600.0	0.0	0.0	36685.5	0.0
4	ISLAND PARK	129281.0	128424.0	-432.1	0.0	135000.0	6303.6
5	GRASSY LAKE	14560.0	14526.0	-17.1	0.0	5590.0	0.0
6	RIRIE	77348.0	77193.0	-78.1	0.0	14610.1	2077.0
7	AMERICAN FALLS	1174018.0	1153541.0	-10323.7	0.0	1672590.0	13297.6
8	LAKE WALCOTT	94711.0	95418.0	356.4	0.0	95200.0	15989.1
9	LAKE MILNER	39200.0	38900.0	-151.2	0.0	0.0	0.0
	TOTAL	3566731.0	3536083.0	-15451.5	0.0	3810246.2	52313.7

	CHANGE IN CONTENT	STORAGE DIVERTED	STO PAST MILNER	TOTAL STORED	UNACCT STORED	AM FALLS GAIN DIFF
YEAR-TO-DATE AF	2255180.3	442904.1	1081183.4	3810246.2	22274.4	-3892.0

	PRIORITY	RESERVOIR	AF RIGHT	AF STORED
	1	JACKSON LAKE	298981.0	298981.0
	2	LAKE WALCOTT	95200.0	95200.0
	3	JACKSON LAKE	138829.0	138829.0
	4	JACKSON LAKE	409190.0	409190.0
	5	HENRYS LAKE	79350.0	36685.5
	6	PALISADES	259600.0	259600.0
	7	ISLAND PARK	45000.0	45000.0
	8	AMERICAN FALLS	156830.0	156830.0
	9	AMERICAN FALLS	1515760.0	1515760.0
	10	ISLAND PARK	90000.0	90000.0
	11	GRASSY LAKE	15204.0	5590.0
	12	PALISADES	940400.0	743970.6
	13	HENRYS LAKE	10650.0	0.0
	14	RIRIE	80500.0	14610.1
	15	AMERICAN FALLS	0.0	0.0
	16	PALISADES	0.0	0.0

1 DIVERSION DATA - JUL 15, 2006 20070129

	DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG
1	P BIRD	0	0	9	-9
2	BOY SCOUT PUMP	0	0	15	-15
3	A ROSTAD	0	0	0	0
4	R ROSE	0	0	3	-3
5	PALISADES CANAL	62	13	26	-26
6	J FLEMING	2	0	0	0
7	MERT OGDEN	0	0	0	0
8	LYNN DIXON	0	0	2	-2
9	J CHICK	0	0	0	0
10	L JACOBSON	0	0	58	-58
11	I SPAULDING (TR)	0	0	0	0
12	B FOSTER	3	3	274	-274
13	ANDERSON	401	337	11717	-11717
14	M & M CATTLE (S)	0	0	38	-38
15	M NEWBY #1	0	3	55	-55
16	M NEWBY #2 (18)	0	0	0	0
17	M NEWBY #3 (18)	2	0	0	0
18	EAGLE ROCK (1)	753	0	0	0
19	FARMERS FRIEND	421	86	6115	-6115
20	ENTERPRIZE	232	112	1788	-1788
21	C HICKMAN	0	0	0	0
22	BUTLER ISLAND	46	4	653	-653
23	ROSS AND RAND	6	1	61	-61
24	STEELE	0	0	0	0
25	HARRISON	628	157	7055	-7055
113	L FRANSEN (29)	1	0	0	0
114	L BRATT	0	0	0	0
115	L LOOSLI #1	2	0	0	0
116	DEWEY	22	22	44	-44
117	J SEELEY	0	0	0	0
118	YELLOWSTONE	35	0	4	-4
119	ATCHLEY PMPS (10	5	0	0	0
120	MARYSVILLE	163	0	0	0
121	F & L GRIFFEL	2	2	66	-66
122	R BAUM	2	2	76	-76
123	G/6 (10)	0	0	0	0
124	FARMERS OWN	59	0	0	0
125	W SCAFE	0	0	31	-31
126	R STURM #2 (10)	1	0	0	0
127	R STURM #1 (10)	1	0	0	0
128	M GRIFFEL	1	1	62	-62
129	L LOOSLI #2	2	2	117	-117
130	C MALOUF	2	2	139	-139
131	CONANT CR CANAL	15	16	280	-280
132	K NYBORG	0	0	0	0
133	BOOM CR CANAL	8	11	184	-184
134	ORME CANAL	0	0	0	0
135	SQUIR PMP #3	2	15	[illegible]	-194
136	L ORME PUMP	2	2		-15
137	D HARSHBARGER(25	3	0		0
225	D BOYCE	2	0	0	0
226	B TOMCHAK #1	0	0	0	0
227	C BOYCE	0	0	0	0
228	STIENKE-MURDOCK	1	0	0	0
229	L CARLSON N (12)	0	0	0	0
230	B TOMCHAK #2	1	0	51	-51
231	L CARLSON S (12)	0	0	0	0
232	H BROWN	1	0	73	-73
233	KINGSTON NTH	2	0	0	0
234	G OFFUT (12)	1	0	0	0
235	KINGSTON STH	3	0	0	0
236	BEAR ISL NORTH	1	0	0	0
237	BEAR ISL WEST	1	0	16	-16
238	OSGOOD	87	66	131	-131
239	CLEMENTS	2	2	138	-138
240	KENNEDY	18	0	12	-12
241	GREAT WESTERN	489	205	6888	-6888
242	L HANSEN E (12)	1	0	0	0
243	A ZOHNER	1	1	44	-44
244	V CENELL	0	0	0	0
245	M BOAM (12)	0	0	0	0
246	R MACKAY (12)	0	0	0	0
247	IDAHO	1037	37	2606	-2606
248	PORTER (16)	353	0	0	0
249	LOERTSCHER	2	0	0	0

26	CHENEY (24)	0	0	0	0	138	SQUIR PMP #1 (19	13	0	0	0	250	BOYD FOSTER	7	0	0	0
27	G SCOTT #1 (24)	1	0	0	0	139	D ZUNDELL (23)	1	0	0	0	251	SCHWENDIMAN	3	0	0	0
28	J BROWN	0	0	0	0	140	L LOOSLI #3	2	0	0	0	252	LOVELL # 1	2	0	0	0
29	BUTLER ISL #2	0	0	0	0	141	L LOOSLI #4 (26)	2	0	0	0	253	FERGUSON	5	0	0	0
30	G SCOTT #2 (24)	1	0	0	0	142	D BUDGE	1	1	62	-62	254	LOVELL # 2	1	0	0	0
31	SUBDIV PUMP	1	0	0	0	143	J HILL (23)	0	0	0	0	255	W REED #1	1	0	0	0
32	RUDY	253	127	4846	-4846	144	D REYNOLDS	1	1	89	-89	256	SARGENT & SUMMRS	11	0	0	0
33	LOWDER SLOUGH	78	26	506	-506	145	C LOOSLI	4	4	208	-208	257	DURTSCHI PUMPS	0	0	0	0
34	KITE & NORD	10	3	51	-51	146	T POTTER	0	0	0	0	258	W REED #2	3	0	0	0
35	BURGESS	1076	275	15627	-15627	147	ENTERPRISE	138	138	3174	-3174	259	FOSTER-SARGENT P	2	0	0	0
36	M H HILL	3	3	134	-134	148	R D MILLER	0	0	0	0	260	SPERRY	2	0	0	0
37	CLARK & EDWARDS	69	0	202	-202	149	C ATCHLEY (10)	2	0	0	0	261	ORVAL AVERY	5	0	0	0
38	CROFT	0	0	117	-117	150	W C DAVIS (10)	0	0	0	0	262	ROY AVERY	16	0	0	0
39	A ZAUGG	0	0	1	-1	151	FALL RIVER CANAL	85	17	33	-33	263	STUCKI PUMPS	2	0	0	0
40	G HOLMAN	0	0	0	0	152	CHESTER	48	0	0	0	264	ROY COOPER SAND	9	0	0	0
41	G MUMA	0	0	4	-4	153	MCBEE	3	0	12	-12	265	ROY COOPER WILL	5	0	0	0
42	EAST LABELLE	131	11	280	-280	154	SILKEY	12	0	1	-1	266	D KEELER	4	0	0	0
43	B GROVER (22)	0	0	0	0	155	CURR	24	0	660	-660	267	PROGRESSIVE SAND	550	0	49	-49
44	RIGBY	204	43	2390	-2390	156	L LOOSLI #5	0	0	0	0	268	BEAN	0	0	0	0
45	K FOSTER (22)	1	0	0	0	157	G BLANCHARD	0	0	0	0	269	W & O COOPER	7	0	0	0
46	WHITE ISLAND	2	2	190	-190	158	LAST CHANCE	66	66	131	-131	270	IDAHO FR SAND CK	48	48	1008	-1008
47	DILTS LATERAL (2	8	0	0	0	159	CROSSCUT TO TETN	63	0	3896	-3896	271	DEMICK	3	0	0	0
48	DILTS	26	6	377	-377	160	XCUT FALL R (15)	271	0	0	0	272	PROGRESSIVE WILL	190	1	2043	-2043
49	ISLAND	196	0	0	0	161	FARMERS FRIEND	61	41	670	-670	273	IF MONROC LYONS	0	0	0	0
50	W LABELLE & LG I	470	0	658	-658	162	TWIN GROVES	98	0	0	0	274	WOODVILLE	48	0	0	0
51	PARKS & LEWSVLLE	394	45	2227	-2227	163	ST ANTHONY UNION	326	0	0	0	275	WOODVL PMP#1 (21	1	0	0	0
52	NORTH RIGBY	47	0	878	-878	164	SALEM UNION	236	0	238	-238	276	WOODVL PMP#2 (21	1	0	0	0
53	JEFF HILLS ELEC	0	0	0	0	165	EGIN	270	0	254	-254	277	WOODVL SIPH (21	10	0	0	0
54	WHITE DITCH (3)	10	0	0	0	166	ST AN U FDR (17)	52	0	0	0	278	IDAHO PUMP	0	0	2	-2
55	D PHILLIPS	0	0	3	-3	167	INDEPENDENT	186	0	0	0	279	SNAKE RIVER VY	480	162	322	-322
56	VON BARON	0	0	6	-6	168	CONSOLIDATED FRS	247	0	0	0	280	P HILL (13)	0	0	0	0
57	BRAMWELL	0	0	0	0	169	SOUTH PIPE	7	7	551	-551	281	RESERV MITIG	104	0	0	0
58	ELLIS (11)	11	0	0	0	170	J RICKS	3	3	72	-72	282	RESERVATION	273	0	228	-228
59	D SCOTT (3)	0	0	0	0	171	BOELKE	14	14	574	-574	283	BLACKFOOT	333	0	0	0
60	FRESH PAC	2	0	0	0	172	CLEMENTSVILLE	31	22	1253	-1253	284	NEW LAVA SIDE	119	0	10	-10
61	J T JONES	0	0	0	0	173	HIBBERT FARMS	0	0	0	0	285	R C ADAMS #1 (5)	0	0	0	0
62	C JONES (3)	0	0	0	0	174	R & J BROWN	19	19	1095	-1095	286	R C ADAMS #2 (5)	0	0	0	0
63	W DABELL (3)	0	0	0	0	175	P L STOTT	0	0	0	0	287	PEOPLES	319	0	0	0
64	D STOKER	0	0	141	-141	176	B PARKINSON	22	21	1700	-1700	288	ABERDEEN	1198	26	2504	-2504
65	J N ERICKSON	5	5	109	-109	177	CANYON CR CANAL	16	16	52	-52	289	SWID (20)	0	0	0	0
66	NELSON	0	0	0	0	178	G CRAPO	2	2	37	-37	290	CORBETT	159	0	0	0
67	MATTSON-CRAIG	25	12	157	-157	179	P STEVENS	7	7	534	-534	291	NIELSON-HANSEN	11	0	56	-56
68	SUNNYDELL	228	133	1494	-1494	180	V SCHWENDIMAN	27	27	1693	-1693	292	R LAMBERT (7)	0	0	0	0
69	B COVINGTON	7	7	531	-531	181	R B RICKS	6	6	359	-359	293	K CHRISTENSEN(6)	0	0	0	0
70	T PARKINSON	4	4	271	-271	182	CANYON CR LAT	24	20	426	-426	294	RIVERSIDE	99	0	426	-426
71	R GROVER	3	3	260	-260	183	H BISCHOFF	0	0	23	-23	295	DANSKIN	194	9	197	-197
72	D CHENEY	0	0	10	-10	184	WILFORD	85	7	14	-14	296	TREGO	65	0	11	-11
73	L ROBINSON	0	0	0	0	185	D ALLEN (14)	0	0	0	0	297	JENSEN GROVE	2	2	2894	-2894
74	LENROOT	167	107	449	-449	186	B TUCKER (14)	0	0	0	0	298	WEARYRICK	31	0	0	0
75	R BURNS	0	0	0	0	187	B PARKER (14)	0	0	0	0	299	WATSON	79	0	0	0
76	REID	196	48	2258	-2258	188	SIDDOWAY PMP (14	1	0	0	0	300	PARSONS	22	0	0	0
77	TEXAS & LIBRTY P	234	0	0	0	189	MCKINNLEY (14)	0	0	0	0	301	GROUNDWATER SHEL	0	0	0	0
78	BANNOCK JIM	17	5	79	-79	190	TETON IRRIGATION	51	0	0	0	302	FT HALL MICHAUD	182	182	21143	-21143
79	HILL PETTINGER	16	13	296	-296	191	SIDDOWAY (14)	5	0	0	0	303	FALLS IRRIGATION	125	125	6974	-6974
80	NELSON COREY	7	0	0	0	192	PIONEER	11	0	1	-1	304	M OSBORN	1	0	0	0
81	L HILL	0	0	15	-15	193	STEWART	14	6	18	-18	305	CALL FARMS	8	0	174	-174
82	G MAROTZ	0	0	0	0	194	N BIRCH	0	0	7	-7	306	R EVANS	0	0	0	0
83	N FK HIGHLANDS	0	0	0	0	195	B LEAVITT	1	1	12	-12	307	GROUNDWATER NEEL	0	0	0	0
84	F HOWELL	0	0	0	0	196	PINCOCK-BYINGTON	12	5	10	-10	308	MINIDOKA NTH S	1201	2327	59584	-59584
85	S BOLLAERT	0	0	0	0	197	B HOLLIST	0	0	0	0	309	MINIDOKA STH (8)	1126	0	0	0
86	F VANDERSLOOT #1	0	0	0	0	198	TETON ISLAND FDR	363	0	0	0	310	E HERBERT	1	1	45	-45
87	F VANDERSLOOT #2	0	0	0	0	199	SALEM UNION B	0	0	0	0	311	MID MISC	0	0	84	-84
88	F VANDERSLOOT #3	0	0	0	0	200	J HARRIS	0	0	5	-5	312	MILNER MISC	1	1	147	-147
89	T HOLCOM	1	1	18	-18	201	ROXANA	21	5		-60	313	LAW-KER FARMS	1	1	45	-45
90	R LEE	0	0	0	0	202	ISLAND WARD	7	7		-167	314	BURLEY GC	1	1	97	-97

91	Z	EGBERT #1 (10)	1	0	0	0	203	SAUREY	21	0	4	-4	315	CITY OF BURLEY	1	1	44	-44
92	R	RITCHEY	0	0	0	0	204	GARDNER-BEDDES	0	0	63	-63	316	SIMPLOT FTLZR	0	0	0	0
93	N	MILLER #1	0	0	10	-10	205	BIGLER SLOUGH	1	0	31	-31	317	AMALGA SUGAR	1	1	47	-47
94	N	MILLER #2 (28)	0	0	0	0	206	WOODMANSEE-JSN	9	0	0	0	318	R TILLEY PUMP	0	0	23	-23
95	Z	EGBERT #2	0	0	33	-33	207	G GODFREY	0	0	0	0	319	COORS BREWNG	3	3	102	-102
96	R	D BAKER	1	0	0	0	208	R R RICKS	0	0	67	-67	320	K SANDMANN	0	0	1	-1
97	D	PHELPS (10)	2	0	0	0	209	CITY OF REXBURG	5	0	0	0	321	H SCHODDE	2	0	0	0
98	D	SEELEY	2	0	0	0	210	T BRUNSON (27)	1	0	0	0	322	BAR-U-RANCH #1	1	1	33	-33
99	Z	EGBERT #3 (10)	2	0	0	0	211	J S WRIGHT	0	0	0	0	323	BAR-U-RANCH #2	2	2	78	-78
100	Z	EGBERT #4	0	0	14	-14	212	REXBURG IRRIG	230	100	198	-198	324	M HOBSON	1	1	49	-49
101	Z	EGBERT #5	2	2	73	-73	213	BEAVER DICK PMP	0	0	14	-14	325	V HOBSON	1	1	60	-60
102	G	NEDROW	1	0	0	0	214	GROUNDWATER HENR	0	0	0	0	326	A & B IRR DIST	278	278	15137	-15137
103		BAKER & NEDROW	1	1	81	-81	215	L A HARTERT (4)	1	0	0	0	327	PA LATERAL (9)	64	0	0	0
104	M	REYNOLDS #1	1	0	7	-7	216	A GUNDERSON (4)	1	0	0	0	328	MILNER IRRIG	218	218	13067	-13067
105	R	& C BAUM	1	0	0	0	217	MILLER-BARNS (4)	0	0	0	0	329	A LATERAL (9)	70	0	0	0
106	J	MCCULLOCH	1	0	0	0	218	BUTTE SLOUGH (4)	0	0	0	0	330	J BRUNE (9)	2	0	0	0
107	M	REYNOLDS #2	1	0	0	0	219	BUTTE & MARKET L	334	0	133	-133	331	NS XCUT GDNG (9)	851	0	0	0
108	A	NEDROW #1	0	0	0	0	220	BEAR TRAP	0	0	0	0	332	RES DIST #2	1531	1531	86790	-86790
109	A	NEDROW #2	0	0	0	0	221	WALKER FARMS	0	0	180	-180	333	NORTHSIDE TWIN F	2555	3354	103683	-103683
110	J	NEDROW	0	0	34	-34	222	M TOMCHAK	0	0	0	0	334	TWIN FALLS SOUTH	3403	1992	32931	-32931
111	V	& D KIRKHAM	0	0	27	-27	223	A WILDE PUMP	1	1	51	-51						
112	D	NEDROW	1	1	75	-75	224	N FULLMER	6	0	0	0						

STORAGE USED COMBINED WITH (1) ANDERSON, (2) DILTS, (3) W LABL & LI, (4) BUTTE & MARKET L, (5) PEOPLES, (6) NEW LAVA SIDE (7) RIVERSIDE, (8) MINIDOKA NTH S, (9) NORTHSIDE TWIN F, (10) MARYSVILLE, (11) BRAMWELL, (12) BURGESS, (13) SNAKE R VY (14) TETON IRR, (15) FALL R, (16) GREAT WESTERN, (17) ST ANTHONY UN, (18) NEWBY #1, (19) SQUIRREL #3, AND (20) MIL IRRIG, MINIDOKA STH & T.F.S.S., (21) WOODVILLE CANAL, (22) CLARK & EDWARDS, (23) CONANT CR CANAL, (24) STEELE, (25) BOOM CREEK PUMP (26) L LOOSLI #3, (27) WOODMANSEE-JOHNSON, (28) MILLER #1, (29) FARMERS OWN

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MISCELLANEOUS DATA JUL 15, 2006

EAGLE ROCK DUMP:	791.	CFS
EAGLE ROCK CREDIT:	761.	CFS
EAGLE ROCK TOTAL:	66143.	AF
RIRIE LOSS:	-14.	CFS
RIRIE TOTAL:	5196.	AF
WIILOW CREEK LOSS:	-2.	CFS
WILLOW CREEK TOTAL:	-1338.	AF
DRY BED:	4350.	CFS
CROSS CUT AT HEAD:	334.	CFS
CROSS CUT AT MIDDLE:	112.	CFS
CROSS CUT AT END:	97.	CFS
S BRANCH FALL RIVER BLW XCUT	63.	CFS
S BRANCH FALL RIVER ABV XCUT	14.	CFS
N FORK TETON BELOW SPLITTER	76.	CFS
S FORK TETON AT REXBURG	43.	CFS
RESERVATION AT HEAD:	377.	CFS
SAND CREEK TO RESERVATION	100.	CFS
RESERVATION AT DROP:	438.	CFS
TRIBAL 1867:	165.	CFS
TRIBAL TOTAL VOLUME:	42316.	AF
NON TRIBAL 1891:	260.	CFS
NON TRIBAL VOLUME:	33969.	AF
SPRING CREEK:	246.	CFS
SPRING CREEK GAIN:	2249.	CFS
SWID START D THE YEAR	136	

SWID:	0.	CFS
SWID TOTAL VOLUME:	6725.	AF
MINIDOKA-MILNER REACH GAIN:	53.	CFS
MEASURED RETURN FLOW:	158.	CFS
MINIDOKA RETURN FLOW CREDIT:	39.	CFS
MINIDOKA TOTAL CREDIT:	1555.	AF
GAIN AVERAGING ADJUSTMENT:	-1282057.	AF

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C
C----SECTION 24-1, PART 2
C****IF THE GAIN TO WILLOW CREEK FROM RIRIE TO THE FLOODWAY IS NEGATIVE
C****ASSIGN THE LOSS PROPORTIONALLY TO THE EAGLE ROCK CANAL (ERL), THE
C****NATURAL FLOW (WCNL), AND STORAGE RELEASE (WCSL). THE NEW GAIN IS
C****THEN EQUAL TO WCNL AND THE EAGLE ROCK GAIN IS REDUCED BY ERL. THE
C****EAGLE ROCK GAIN IS THEN ALSO ADJUSTED DOWNWARD BY THE AMOUNT THAT
C****IS USABLE BY ALL CANALS ON WILLOW CREEK EXCEPT THE IDAHO (I22),
C****WHICH HAS NO WATER IN THE EAGLE ROCK.  THE DIFFERENCE BETWEEN THE
C****TOTAL DIVERSIONS (TWCD) AND THE EAGLE ROCK CONTRIBUTION (ERC) -
C****IS THE AMOUNT (WCEX) THAT MUST BE SUPPLIED FROM NATURAL FLOW OR
C****STORAGE. NATURAL FLOW ALLOCATION IS LATER LIMITED TO WCEX.  SINCE
C****THE GAIN TO RIRIE RESEVOIR IS USUALLY NEGATIVE, TRANSFER THE GAIN
C****TO ANOTHER VARIABLE (RIRL) FOR LATER SUMMING, AND ZERO THE GAIN.
C
      WCSL=0.0
      IF(G(25,1).GE.0.0) GO TO 317
      WCNF=AF(23)
      WCSF=AF(24)-AF(23)
      IF(AF(24).GE.AF(23)) GO TO 318
      WCNF=AF(24)
      WCSF=0.0
  318 TWCF=AF(29)+WCNF+WCSF
      ERL=(AF(29)/TWCF)*G(25,1)
      WCNL=(WCNF/TWCF)*G(25,1)
      WCSL=(WCSF/TWCF)*G(25,1)
      G(25,1)=WCNL
      G(29,1)=G(29,1)+ERL
  317 ERC=G(29,1)
C      TWCD=TRD(25)-DIV(I22)-DIV(I20)-DIV(I21)-DIV(I105)
      TWCD=TRD(25)-DIV(I22)
      IF(TWCD.LT.ERC) ERC=TWCD
      G(29,1)=G(29,1)-ERC
      WCEX=TWCD-ERC
      RWCEX=WCEX
      RIRL=G(24,1)
      G(24,1)=0.0

C----SECTION 37-2
C****CORRECT REMAINING DIVERSIONS TO WILLOW CREEK CANALS WHICH RECEIVE
C****WATER FROM THE EAGLE ROCK CANAL.  THE CREDIT FOR THE EAGLE ROCK
C****FLOW (ERC) IS DISTRIBUTED IN DOWNSTREAM ORDER TO ALL CANALS EXCEPT
C****WILLOW (I21) AND SAND (I20) CREEKS AND THE IDAHO DIVERSION (I22).
C****THEN THE REMAINDER (RERC) IS DISTRIBUTED TO SAND AND WILLOW CREEK
C****PROGRESSIVE DIVERSIONS.  THIS PROCEDURE PREVENTS THESE REMAINING
C****DIVERSIONS FROM APPEARING AS STORAGE DIVERSIONS.
C
      RERC=ERC
      DO 319 L=I38,I39
      IF(L.EQ.I20.OR.L.EQ.I21.OR.L.EQ.I22) GO TO 319
      RD(L)=RD(L)-RERC
      IF(RD(L).GE.0.0) GO TO 320
      DM(L)=DM(L)-RERC-RD(L)
      RERC=RD(L)*(-1.0)
      RD(L)=0.0
  319 CONTINUE
      L=I20
  322 RD(L)=RD(L)-RERC
      IF(RD(L).GE.0.0) GO TO 320
      DM(L)=DM(L)-RERC-RD(L)
```



```
      RERC=RD(L)*(-1.0)
      RD(L)=0.0
      IF(L.EQ.I21) GO TO 321
      L=I21
      GO TO 322
  320 DM(L)=DM(L)-RERC
      RERC=0.0
  321 IF(RERC.GT.5.0) WRITE(OUT,323) RERC
  323 FORMAT(1H1,13H  WARNING! - ,F10.1,' CFS FROM EAGLE ROCK CANAL ',
     1'WAS NOT USED FOR WILLOW CREEK DIVERSIONS & IS UNACCOUNTED FOR')



C
C----SECTION 40-1
C****SUM REACH AND DIVERSION DATA FOR SYSTEM TOTALS
C
      DO 63 L=1,20
   63 TT(L)=0.0
      DO 64 L=1,NR
      IF(ICF(L).EQ.2) GO TO 64
      TT(1)=TT(1)+TD(L)
      TT(2)=TT(2)+TRD(L)
      TT(3)=TT(3)+AG(L)
      TT(18)=TT(18)+TRE(L)
   64 CONTINUE
      DO 90 L=1,NP
   90 SAC(L)=0.0
      DO 93 L=1,NSR
      J=MR(L)
   93 SAC(J)=SAC(J)+BRST(L)
      DO 91 L=1,NP
      TT(15)=TT(15)+DRA(L)
      TT(10)=TT(10)+SAC(L)
      TT(11)=TT(11)+RES(L,1)
      TT(12)=TT(12)+RES(L,2)
      CEV(L)=CEV(L)+(EVAP(L)*1.9835)
      TT(17)=TT(17)+CEV(L)
   91 TT(4)=TT(4)+DS(L)
      DO 65 L=1,ND
      TT(5)=TT(5)+DIV(L)
      TT(6)=TT(6)+DM(L)
      TT(7)=TT(7)+RD(L)
      TT(8)=TT(8)+AD(L)
      TT(16)=TT(16)+SRM(L)
      TT(19)=TT(19)+TDIV(L)
   65 TT(9)=TT(9)+STOR(L)
      DO 96 L=1,NSR
      TT(13)=TT(13)+RST(L)
   96 TT(14)=TT(14)+BRST(L)
      GT(1)=GT(1)+(TT(4)*1.9835)
      IF(SF(9).GT.0.0) GT(2)=GT(2)+(SF(9)*1.9835)
      GT(3)=GT(3)+(TT(15)*1.9835)
      IF(SF(9).LT.0.0) GT(4)=GT(4)+(SF(9)*(-1.9835))
      GT(5)=GT(5)+(AMIL*1.9835)
      GT(6)=GT(6)+(RIRL*1.9835)
      GT(7)=GT(7)+(WCSL*1.9835)
      GT(8)=GT(8)+(ERC*1.9835)
      GT(9)=CAFGD*1.9835
C
```

```
C
C----SECTION 44-1, PART 2
C****PRINT MISCELLANEOUS DATA AND DAILY TOTALS
C
      WRITE(OUT,901) OM(MON),LDY,JYE(KD),AF(29)
  901 FORMAT(1H1/46X,'MISCELLANEOUS DATA -  ',A3,I3,1H,,I5//,
     11X,'EAGLE ROCK DUMP:              ',F7.0,2X,'CFS')
      WRITE(OUT,902) ERC
  902 FORMAT(1X,'EAGLE ROCK CREDIT:            ',F7.0,2X,'CFS')
      WRITE(OUT,903)GT(8)
  903 FORMAT(1X,'EAGLE ROCK TOTAL:             ',F7.0,2X,' AF'/)
      WRITE(OUT,904)RIRL
  904 FORMAT(1X,'RIRIE LOSS:                   ',F7.0,2X,'CFS')
      WRITE(OUT,905)GT(6)
  905 FORMAT(1X,'RIRIE TOTAL:                  ',F7.0,2X,' AF'/)
      WRITE(OUT,906)WCSL
  906 FORMAT(1X,'WIILOW CREEK LOSS:            ',F7.0,2X,'CFS')
      WRITE(OUT,907)GT(7)
  907 FORMAT(1X,'WILLOW CREEK TOTAL:           ',F7.0,2X,' AF'/)
      WRITE(OUT,908)AF(37)
  9
```

RWCRC105


```
C
C----SECTION 12-3, PART 1
C****COMPUTE WILLOW CREEK DIVERSION TO PROGRESSIVE IRRIGATION DISTRICT
C****VIA SAND CREEK BY DEDUCTING SAND CREEK DELIVERY TO IDAHO CANAL
C****LANDS(I22).
C
  197 CONTINUE
      DVV(I20,L)=DVV(I20,L)-DVV(I22,L)
      IF(DVV(I20,L).GE.0.0) GO TO 200
      DVV(I22,L)=DVV(I22,L)+DVV(I20,L)
      DVV(I20,L)=0.0
  200 CONTINUE
  201 CONTINUE


C----SECTION 24-1, PART 2
C****IF THE GAIN TO WILLOW CREEK FROM RIRIE TO THE FLOODWAY IS NEGATIVE
C****ASSIGN THE LOSS PROPORTIONALLY TO THE EAGLE ROCK CANAL (ERL), THE
C****NATURAL FLOW (WCNL), AND STORAGE RELEASE (WCSL). THE NEW GAIN IS
C****THEN EQUAL TO WCNL AND THE EAGLE ROCK GAIN IS REDUCED BY ERL. THE
C****EAGLE ROCK GAIN IS THEN ALSO ADJUSTED DOWNWARD BY THE AMOUNT THAT
C****IS USABLE BY ALL CANALS ON WILLOW CREEK EXCEPT THE IDAHO (I22),
C****WHICH HAS NO WATER IN THE EAGLE ROCK.  THE DIFFERENCE BETWEEN THE
C****TOTAL DIVERSIONS (TWCD) AND THE EAGLE ROCK CONTRIBUTION (ERC)
C****IS THE AMOUNT (WCEX) THAT MUST BE SUPPLIED FROM NATURAL FLOW OR
C****STORAGE. NATURAL FLOW ALLOCATION IS LATER LIMITED TO WCEX.  SINCE
C****THE GAIN TO RIRIE RESEVOIR IS USUALLY NEGATIVE, TRANSFER THE GAIN
C****TO ANOTHER VARIABLE (RIRL) FOR LATER SUMMING, AND ZERO THE GAIN.
C
      WCSL=0.0
      IF(G(25,1).GE.0.0) GO TO 317
      WCNF=AF(23)
      WCSF=AF(24)-AF(23)
      IF(AF(24).GE.AF(23)) GO TO 318
      WCNF=AF(24)
      WCSF=0.0
  318 TWCF=AF(29)+WCNF+WCSF
      ERL=(AF(29)/TWCF)*G(25,1)
      WCNL=(WCNF/TWCF)*G(25,1)
      WCSL=(WCSF/TWCF)*G(25,1)
      G(25,1)=WCNL
      G(29,1)=G(29,1)+ERL
  317 ERC=G(29,1)
C      TWCD=TRD(25)-DIV(I22)-DIV(I20)-DIV(I21)-DIV(I105)
      TWCD=TRD(25)-DIV(I22)
      IF(TWCD.LT.ERC) ERC=TWCD
      G(29,1)=G(29,1)-ERC
      WCEX=TWCD-ERC
      RWCEX=WCEX
      RIRL=G(24,1)
      G(24,1)=0.0
C----SECTION 33-2
C****BEGIN LOOP TO MEET RIGHT (OR LN RIGHTS IF MORE THAN ONE RIGHT HAS
C****THE SAME PRIORITY) FROM NATURAL FLOW.  RIGHTS ARE FIRST MULTIPLIED
C****BY PCT VALUES DETERMINED IN ABOVE LOOP.  PCT WILL BE LESS THAN ONE
C****IF THERE IS MORE THAN ONE RIGHT WITH THE SAME PRIORITY DATE AND
C****THESE RIGHTS MUST SHARE A LIMITED WATER SUPPLY.  THE MODIFIED
C****RIGHT (R) IS THEN LIMITED BY THE REMAINING DIVERSION (RD) AND THE
C****REMAINING NATURAL FLOW (RF) IN EACH DOWNSTREAM REACH.
C
```



```
C****A RESERVOIR RIGHT (JJ>0) IS LIMITED BY THE RIGHT'S REMAINING SPACE,
C****(RST-BRST).
C
C****A FLOW RIGHT (JJ<0) IS LIMITED BY THE REMAINING NATURAL FLOW (RF)
C****AND ALSO THE ACTUAL FLOW (AF).
C
C****THE RIGHT IS THEN SUBTRACTED FROM THE REMAINING FLOW (RF) IN EACH
C****DOWNSTREAM REACH, THE TOTAL RIGHT (T), AND THE REMAINING DIVERSION
C****(RD). WHEN THE THE REMAINING FLOW IN A REACH IS USED UP, THE
C****NUMBER OF THE RIGHT (LL) IS STORED IN THE IRT ARRAY.  IF IDB IS
C****POSITIVE, VALUES ARE PRINTED PRIMARILY FOR DEBUG PURPOSES.
C
   29 DO 4 LL=L1,L2
      IC=JCNL(LL)
      IF(IC.LE.0) GO TO 4
      IR=IRCH(IC)
      IF(LN.EQ.1) PCT(IR)=1.0
      R=T(LL)*PCT(IR)
      IF(R.EQ.0.0) GO TO 48
      IF(RD(IC).LT.R.AND.JJ(LL).EQ.0) R=RD(IC)
      IG=IR
      IF(JJ(LL).LT.0) GO TO 160
    3 IF(R.GT.RF(IG)) R=RF(IG)
      IF(R.LE.0.0) GO TO 48
      IG=IDS(IG)
      IF(IG.NE.0) GO TO 3
      GO TO 161
  160 IF(R.GT.RF(IG)) R=RF(IG)
      IF(R.LE.0.0) GO TO 48
      GO TO 98
  161 IF(JJ(LL).EQ.0) GO TO 180
      LRRT=JJ(LL)
      RS=(RST(LRRT)-BRST(LRRT))/1.9835
      IF(RS.LE.0.01) T(LL)=0.0
      IF(R.GT.RS) R=RS
      IF(R.LE.0.0) GO TO 48
      BRST(LRRT)=BRST(LRRT)+(R*1.9835)
      LR=MR(LRRT)
      DRA(LR)=DRA(LR)+R
      GO TO 14
   98 CHK=AF(IR)-(RD(IC)*(-1.))
      IF(R.GT.CHK)  R=CHK
      PF(IR)=PF(IR)+R
      GO TO 14
  180 IF(IVO(LL).LE.0) GO TO 325
      L=IVO(LL)
      RR=(SVL(LL)-VRD(L))/1.9835
      IF(R.GT.RR) R=RR
C
C****SKIP RIGHT VOLUME LIMIT CALCULATION  FOR 1891 RESERVATION CANAL RIGHTS
C****(L= 9 or 10) SINCE THOSE VOLUMES ARE CALCULATED LATER.
C****  ADDED 9/23/05 RJS  (VER 1.1)
C
      IF(L.EQ.9.OR.L.EQ.10) GO TO 325  !v1.3 changed subscripts missed in v1.2
      IF(R.LE.0.0) GO TO 48
      VRD(L)=VRD(L)+(R*1.9835)
  325 IF(IR.NE.25.OR.IC.EQ.I22) GO TO 14
      IF(R.GT.RWCEX) R=RWCEX
      IF(R.LE.0.0) T(LL)=0.0
      IF(R.LE.0.0) GO TO 48
```

```
      RWCEX=RWCEX-R
   14 IG=IR
      IF(JJ(LL).LT.0) GO TO 162
   11 RF(IG)=RF(IG)-R
      IF(RF(IG).LE.0.1.AND.IRT(IG).EQ.NLK) IRT(IG)=LL
      IG=IDS(IG)
      IF(IG.NE.0) GO TO 11
      GO TO 163
  162 RF(IG)=RF(IG)-R
      IF(RF(IG).LE.0.1.AND.IRT(IG).EQ.NLK) IRT(IG)=LL
  163 T(LL)=T(LL)-R
      RD(IC)=RD(IC)-R
      IF(JJ(LL).GE.0) TD(IR)=TD(IR)+R
   48 IF(IDB.GT.0) WRITE(OUT,35)LL,RF(IR),RD(IC),
     1R,T(LL),PCT(IR)
   35 FORMAT(1H ,I5,4F10.3,F10.7)
    4 CONTINUE
C
C----SECTION 34-1, PART 1
C****IF THE REMAINING NATURAL FLOW IN THE LAST REACH HAS BEEN ENTIRELY
C****USED, DISCONTINUE RIGHT ALLOCATION.
C
      IF(RF(IFR).LE.0.1) GO TO 6
C

C----SECTION 37-2
C****CORRECT REMAINING DIVERSIONS TO WILLOW CREEK CANALS WHICH RECEIVE
C****WATER FROM THE EAGLE ROCK CANAL.  THE CREDIT FOR THE EAGLE ROCK
C****FLOW (ERC) IS DISTRIBUTED IN DOWNSTREAM ORDER TO ALL CANALS EXCEPT
C****WILLOW (I21) AND SAND (I20) CREEKS AND THE IDAHO DIVERSION (I22).
C****THEN THE REMAINDER (RERC) IS DISTRIBUTED TO SAND AND WILLOW CREEK
C****PROGRESSIVE DIVERSIONS.  THIS PROCEDURE PREVENTS THESE REMAINING
C****DIVERSIONS FROM APPEARING AS STORAGE DIVERSIONS.
C
      RERC=ERC
      DO 319 L=I38,I39
      IF(L.EQ.I20.OR.L.EQ.I21.OR.L.EQ.I22) GO TO 319
      RD(L)=RD(L)-RERC
      IF(RD(L).GE.0.0) GO TO 320
      DM(L)=DM(L)-RERC-RD(L)
      RERC=RD(L)*(-1.0)
      RD(L)=0.0
  319 CONTINUE
      L=I20
  322 RD(L)=RD(L)-RERC
      IF(RD(L).GE.0.0) GO TO 320
      DM(L)=DM(L)-RERC-RD(L)
      RERC=RD(L)*(-1.0)
      RD(L)=0.0
      IF(L.EQ.I21) GO TO 321
      L=I21
      GO TO 322
  320 DM(L)=DM(L)-RERC
      RERC=0.0
  321 IF(RERC.GT.5.0) WRITE(OUT,323) RERC
  323 FORMAT(1H1,13H  WARNING! - ,F10.1,' CFS FROM EAGLE ROCK CANAL ',
     1'WAS NOT USED FOR WILLOW CREEK DIVERSIONS & IS UNACCOUNTED FOR')
```



```
C
C----SECTION 40-1
C****SUM REACH AND DIVERSION DATA FOR SYSTEM TOTALS
C
      DO 63 L=1,20
   63 TT(L)=0.0
      DO 64 L=1,NR
      IF(ICF(L).EQ.2) GO TO 64
      TT(1)=TT(1)+TD(L)
      TT(2)=TT(2)+TRD(L)
      TT(3)=TT(3)+AG(L)
      TT(18)=TT(18)+TRE(L)
   64 CONTINUE
      DO 90 L=1,NP
   90 SAC(L)=0.0
      DO 93 L=1,NSR
      J=MR(L)
   93 SAC(J)=SAC(J)+BRST(L)
      DO 91 L=1,NP
      TT(15)=TT(15)+DRA(L)
      TT(10)=TT(10)+SAC(L)
      TT(11)=TT(11)+RES(L,1)
      TT(12)=TT(12)+RES(L,2)
      CEV(L)=CEV(L)+(EVAP(L)*1.9835)
      TT(17)=TT(17)+CEV(L)
   91 TT(4)=TT(4)+DS(L)
      DO 65 L=1,ND
      TT(5)=TT(5)+DIV(L)
      TT(6)=TT(6)+DM(L)
      TT(7)=TT(7)+RD(L)
      TT(8)=TT(8)+AD(L)
      TT(16)=TT(16)+SRM(L)
      TT(19)=TT(19)+TDIV(L)
   65 TT(9)=TT(9)+STOR(L)
      DO 96 L=1,NSR
      TT(13)=TT(13)+RST(L)
   96 TT(14)=TT(14)+BRST(L)
      GT(1)=GT(1)+(TT(4)*1.9835)
      IF(SF(9).GT.0.0) GT(2)=GT(2)+(SF(9)*1.9835)
      GT(3)=GT(3)+(TT(15)*1.9835)
      IF(SF(9).LT.0.0) GT(4)=GT(4)+(SF(9)*(-1.9835))
      GT(5)=GT(5)+(AMIL*1.9835)
      GT(6)=GT(6)+(RIRL*1.9835)
      GT(7)=GT(7)+(WCSL*1.9835)
      GT(8)=GT(8)+(ERC*1.9835)
      GT(9)=CAFGD*1.9835
C
C
C----SECTION 44-1, PART 2
C****PRINT MISCELLANEOUS DATA AND DAILY TOTALS
C
      WRITE(OUT,901) OM(MON),LDY,JYE(KD),AF(29)
  901 FORMAT(1H1/46X,'MISCELLANEOUS DATA - ',A3,I3,1H,,I5//,
     11X,'EAGLE ROCK DUMP:                ',F7.0,2X,'CFS')
      WRITE(OUT,902) ERC
  902 FORMAT(1X,'EAGLE ROCK CREDIT:            ',F7.0,2X,'CFS')
      WRITE(OUT,903)GT(8)
  903 FORMAT(1X,'EAGLE ROCK TOTAL:             ',F7.0,2X,' AF'/)
      WRITE(OUT,904)RIRL
  904 FORMAT(1X,'RIRIE LOSS:                   ',F7.0,2X,'CFS')
```

```
      WRITE(OUT,905)GT(6)
  905 FORMAT(1X,'RIRIE TOTAL:                  ',F7.0,2X,' AF'/)
      WRITE(OUT,906)WCSL
  906 FORMAT(1X,'WIILOW CREEK LOSS:            ',F7.0,2X,'CFS')
      WRITE(OUT,907)GT(7)
  907 FORMAT(1X,'WILLOW CREEK TOTAL:           ',F7.0,2X,' AF'/)
      WRITE(OUT,908)AF(37)
  9
```

EMAILS .....

Burrell, Steve

From: Olenichak, Tony
Sent: Monday, November 27, 2006 9:22 AM
To: Burrell, Steve
Subject: RE: New accounting diversions

Steve,

Oh boy! Something is wrong here. A few years ago, I had Sheryl add a couple diversions to Willow Creek. Also, I think I remember Pam complaining Garth was messing with Willow Creek the first time he worked for IDWR. Since Garth has returned to IDWR, and Sheryl has not, I think we blame everything on Sheryl.

The Great Western Canal (13057135) has nothing to do with Willow Creek, so it shouldn't be in with the Willow Creek ISPEC's. Are you sure you aren't getting your ISPEC numbers mixed up? There is a special calculation to add 13057135 and 13057250, but it doesn't involve Willow Creek.

The "Eagle Rock Canal above Willow Creek" (13037977F) dumps into Willow Creek. In order to calculate the natural flow in Willow Creek, there are some special computations to take out the Eagle Rock contribution and distribute the natural flow and storage to Willow Creek diversions. All Willow/Sand Creek diversions are summed, and the summed natural-flow and storage diversions are reported on either PROGRESSIVE SAND or PROGRESSIVE WILLOW (minus the amount of water diverted by Idaho Canal Company from Sand Creek) on the SNKWRA.RPT. I'm not sure of the precise eight-digit numbers assigned in the code to PROGRESSIVE SAND/WILLOW diversions, however, it should be pretty close to the USGS station codes 13058510 (Sand Creek) and 13058530 (Willow Creek).

Water is diverted by the Idaho Canal Company diversion (13058515) downstream from the Sand Creek gage 13058510, so this amount is subtracted from the total passing the USGS gage 13058510, and the remaining Sand Creek water is charged to PROGRESSIVE SAND (Progressive Irrigation's Sand Creek total diversion). I've attached an old Bob Sutter memo that may help to explain the process.

WillowCrAcctng.pdf

P.S. Good thing you didn't get the evap memo sent to me Friday after I said I would be in the office to review it. I ended up skipping work after I decided I would go stand in line at Best Buy at 3:30 AM Friday morning to purchase a $250 laptop. When I got there, there were people camped out on the sidewalk already waiting in line. The one's in the front of the line had been waiting since 4:00 PM Thursday evening at the front door. I was about 500 people back from them. I didn't get one of the "limited supply" $250 laptops, but the guys that were in front of the line were reselling them to the highest bidders (cash only) to the people that were further back in line. I only had $17 in my wallet, so I didn't get one. I went back home and went back to bed. At least I wasn't one of the one's that camped out all night in the cold, but were 50 people from the front, and didn't get a laptop. I'll have to remember next year to wait and show up at 5:00 AM when they open the doors, and bring lots of cash.

-----Original Message-----
From: Burrell, Steve
Sent: Friday, November 24, 2006 1:06 PM
To: Olenichak, Tony
Subject: RE: New accounting diversions

Tony,

I'll add this to my to do list for accounting programming, which includes fixing stuff on the Fall River for when the Squirrel Gage moved. I noticed that the comments in the code say that there is no Idaho Canal water in the Eagle Rock canal, so it's excluded from sharing the loss that's apportioned to the Eagle Rock. But the actual calculation uses Great Western Canal (13057135) Is there a difference between the Idaho Canal and Great Western, or has something changed? I'll probably have more questions as I look into the Willow Creek stuff more. It's not terribly complicated, just tedious keeping track of the ISPEC numbers..

No evaporation memo to have you review yet, it's been de-elevated in priority by some adjudication issues that won't

go away on the Portneuf.

-----Original Message-----
From: Olenichak, Tony
Sent: Tuesday, November 21, 2006 4:19 PM
To: Burrell, Steve
Subject: New accounting diversions

Steve,

All of this talk about diversions reminded me that we have two pumps that need to be added to the water-right accounting program for this year. They will need to be added sometime between now and February when we'll run the final accounting.

13049310P RLF pump is located on Falls River between the Curr Canal and Lynn Loosli #5. It has a water right of 2.0 cfs with priority 1978-10-16 (permit #21-7160). This pump in the T8N, R42E, Sec 18 SW, also has several recommended claims in the Basin 21 SRBA Director's Report. You can update the .RTS files with the permit and recommended water rights, or I can do it after you've notified me that the pump has been added to the accounting. Didn't know this pump existed until after the Director's report came out earlier this year.

13058340P SCHWENDIMAN #2 pump is located on Willow Creek between the Stucki and R Cooper Sand. It's a new pump installed last year. It re-diverts Progressive Irrigation's Snake River water that is dumped into Willow Creek, so there aren't any changes necessary to the .RTS file. However, I think there are some special computations to look out for when adding a diversion in the Willow Creek reach. Good luck.

Thanks,
Tony

Burrell, Steve

From: Olenichak, Tony
Sent: Tuesday, November 21, 2006 4:19 PM
To: Burrell, Steve
Subject: New accounting diversions

Steve,

All of this talk about diversions reminded me that we have two pumps that need to be added to the water-right accounting program for this year. They will need to be added sometime between now and February when we'll run the final accounting.

13049310P RLF pump is located on Falls River between the Curr Canal and Lynn Loosli #5. It has a water right of 2.0 cfs with priority 1978-10-16 (permit #21-7160). This pump in the T8N, R42E, Sec 18 SW, also has several recommended claims in the Basin 21 SRBA Director's Report. You can update the .RTS files with the permit and recommended water rights, or I can do it after you've notified me that the pump has been added to the accounting. Didn't know this pump existed until after the Director's report came out earlier this year.

13058340P SCHWENDIMAN #2 pump is located on Willow Creek between the Stucki and R Cooper Sand. It's a new pump installed last year. It re-diverts Progressive Irrigation's Snake River water that is dumped into Willow Creek, so there aren't any changes necessary to the .RTS file. However, I think there are some special computations to look out for when adding a diversion in the Willow Creek reach. Good luck.

Thanks,
Tony

SNWRA.RTS; 254 = 787
SNKWRA.IND; 191

SNKWRA.DPL; 114
SNKDIV.TTL; 63
SNKWRA.IND; 180

See 37-1 part 6

ACC TYPE = "D"

SNK DENT. PMP

Burrell, Steve

From: Olenichak, Tony
Sent: Wednesday, April 26, 2006 11:47 AM
To: Burrell, Steve
Cc: Tuttle, Bruce
Subject: New .RTS and .IND files

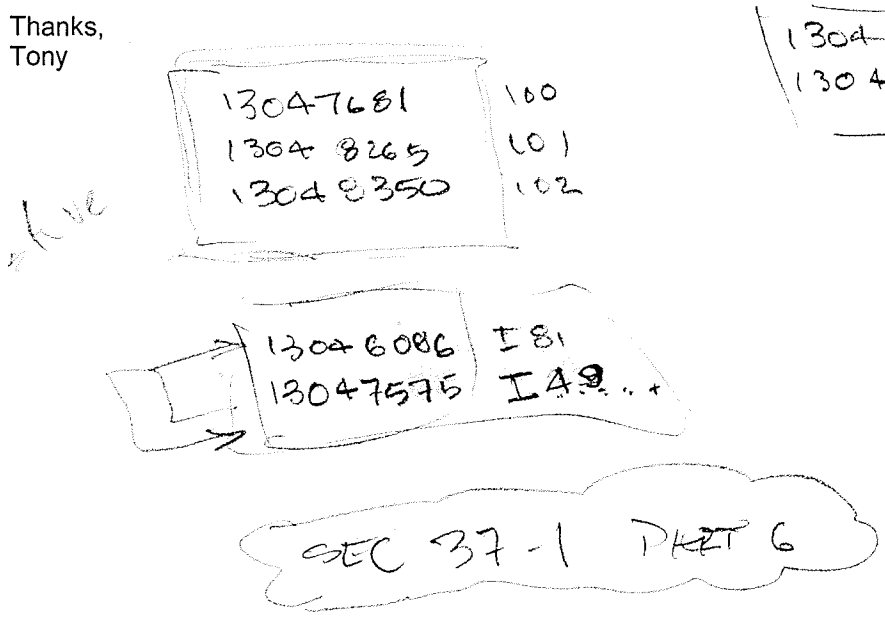
I've created a new SNKWRA.RTS;247 updating basin 21 rights issued in the SRBA Director's Report. I also made some corrections to some other rights previously omitted or that were temporarily transferred last season in the .RTS file. I created a new SNKWRA.IND;176 file to reflect the additional lines of data added to the .RTS file.

According to the basin 21 SRBA report, the following diversions need to be combined (the water rights for the combined diversions are listed under the lowest diversion number in the .RTS file when two or more diversions are combined): Combine 13045811 (MIller #2) with 13045810 (Miller #1); Combine 13048350 (Hill) and 13048265 (Zundell) with 13047681 (Conant Cr Canal); Combine 13048280 (Loosli #4) with 13048275 (Loosli #3) 13046086 (Fransen) has been previously combined in the accounting with 13047475 (Marysville-footnote 10), however, 13046086 (Fransen) needs to be combined with 13047575 (Farmers Own). Note: The water rights for Fransen and Farmers Own are listed under 13047575.

The following numbers listed in the 4th column of the SNKWRA.RTS were changed to zero because the special computations are no longer required, and you may want to "comment" out or delete these sections in the program:
Computation "7" was removed from 13049550;
Computation "8" was removed from 13049705;
Computation "9" was removed from 13049725;
Computation "4" was removed from 13049805;
Computation "3" was removed from 13050525;
Computation "2" was removed from 13054420.

In the .RTS file used last year, there were computations "13", "14", and "15" for the Southwest Irrigation District (SWID) right with priority "18950206" and diversion "13061625". Last year, SWID wanted half of their 77.9 cfs split amongst the three diversions from May 30th thru June 8th, and then the full 77.9 cfs split amongst the three diversions for the remainder of the irrigation season. I deleted the lines from the .RTS file that contained computations "13", "14", and "15" because this year SWID wants their full 77.9 cfs to be split as follows: 40.3% to 13080500; 29.85% to 13086000; and 29.85% to 13087500. I split the 77.9 cfs rate and 6,725 ac-ft volume limitation accordingly in the .RTS file (showing in the lines containing computations "16", "17", and "18", beginning on June 1st). Please check to make sure the program will properly split the 77.9 cfs and deliver the percentages to the three canals beginning June 1st with the changes I've made to the .RTS file.

Thanks,
Tony



Burrell, Steve

From: Olenichak, Tony
Sent: Tuesday, April 04, 2006 11:38 AM
To: Burrell, Steve
Subject: Programming changes needed

Steve,

The following programming changes are needed in the accounting program to uncombine diversions that were combined based on temporary transfers last year that should probably be completed before we start running the accounting program in the next few weeks:

1. Uncombine Hill-Pettinger (13038536), Nelson-Corey (13038437), and L Hill (13038438). Delete footnote #23 in the accounting output report.

2. Uncombine Kite & Nord (13038098) and M H Hill (13038113). Delete footnote #27 in the accounting output report.

I've also noticed that footnote #20 on the report currently includes "MIL IRRIG & T.F.S.S.". The footnote should also include MINIDOKA STH.

Also be aware the SRBA Court is holding a hearing on April 18th to determine whether there will be interim administration for Basin 21 this year. I'm assuming interim administration (using the Basin 21 Director's Report for water-right regulation) will be granted, so I've begun reviewing the Director's Report and comparing it with the SNKWRA.RTS file. The biggest change will be adding periods-of-use for all the rights and uncombining all the previously combined rights that have the same priority with the same diversion, which Bob did to save space in the SNKWRA.RTS file. I can work on that. However, there are a few rights in the Henrys Fork that had special computations that were hard-coded in the accounting program because their flow rates changed depending on the date or volume limitations. Pam said she removed some of these hard-coded computations, but I think there might still be some in the program. I think they're the ones that contain a number in the 4th column in the SNKWRA.RTS file following the diversion number? Could you check into this for me? I need to compare any rights that are hard-coded in the accounting to what is in the Basin 21 Director's Report to see if the same restrictions will apply if we operate under interim administration using the Director's Report.

Thanks,
Tony

2006 PUMP

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C
      DIMENSION OM(12),JD(12),JDT(366),JYE(366),JDY(366)
      DIMENSION FI(20),KOUT(4),GT(10),ISPEC(123),TT(20),JPM(40)
C
C----SECTION  2-1, PART 1
C****ASSIGN CHARACTERS FOR IDENTIFICATION OF ESTIMATED FLOWS,
C****AND UNDEFINED TITLES FOR DECTALK FILE.
C
      DATA BLANK/' '/,AST/'*'/
      DATA UNDEF/''UNDEFINED                                          '/
C
C----SECTION  2-1, PART 2
C****ISPEC = IDENTIFICATION NUMBERS OF CANALS FOR WHICH SPECIAL
C****COMPUTATIONS MUST BE MADE TO DETERMINE DIVERSION RATES TO BE
C****USED FOR WATER RIGHT ALLOCATION.
C
      DATA ISPEC/13080000,13080500,13085800,13087000,13086520,13086530,
     113086510,13087500,13049561,13049560,13037505,13037975,13038204,
     213038205,13057135,13057250,13048560,13049725,13050530,13058510,
     313058530,13058515,13057025,13057021,13057014,13057015,13057018,
     413061525,13061522,13061705,13055040,13038025,13038386,13057171,
     513038180,13061520,13061685,13058015,13058519,13038225,13038340,
     613047475,13047615,13047616,13038050,13038065,13038360,13038362,
     713038084,13038372,13038110,13057144,13059525,13060055,13057115,
     813057117,13057121,13038382,13054772,13061521,13055042,13057012,
     913061677,13037855,13037860,13037880,13048556,13084590,13084598,
     X13084610,13084720,13085390,13047474,13086512,13048060,13055193,
     113048255,13045805,13045829,13045860,13046086,13047570,13055039,
     213048551,13061625,13086000,13059505,13059510,13059515,13059520,
     313060500,13060501,13038115,13038151,13038183,13057140,13057143,
     413055205,13055295,13038436,13038437,13038438,13055263,13055295,
     513058015,13038075,13038081,13048080,13047900,13055032,13055033,
     613055036,13055037,13055039,13038363,13048280,13048275,13057013,
     713055315,13055325,13038050,13038113,13038098/
C
C----SECTION  2-1, PART 3
C****EXTEND PRECISION OF VARIABLES WITH LARGE VALUES
C
      REAL*8 RST,BRST,RES,TT,SAC,RSS,P,T,CTR,TR,TRM,GT
C
C----SECTION  2-1, PART 4
C****SET MONTH NAMES AND DAYS PER MONTH
C
      DATA OM/'JAN','FEB','MAR','APR','MAY','JUN','JUL','AUG','SEP',
     1'OCT','NOV','DEC'/
      DATA JD/31,28,31,30,31,30,31,31,30,31,30,31/
C
C----SECTION  2-2, PART 2
C****INITIALIZE DIVERSION MEASUREMENTS (DVV) TO ZERO.
C****INITIALIZE EXCHSNGE WELL MEASUREMENTS (EXC) TO ZERO.
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= THEY GOT WATER RIGHTS

DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG
1 P BIRD	0	0	0	0
2 BOY SCOUT PUMP	0	0	0	0
3 A ROSTAD	0	0	0	0
4 R ROSE	0	0	0	0
5 PALISADES CANAL	0	0	0	0
6 J FLEMING	0	0	0	0
7 MERT OGDEN	0	0	0	0
8 LYNN DIXON	0	0	0	0
9 J CHICK	0	0	0	0
10 L JACOBSON	0	0	0	0
11 I SPAULDING (TR)	0	0	0	0
12 B FOSTER	0	0	0	0
13 ANDERSON	9	0	0	0
14 M & M CATTLE (S)	0	0	0	0
15 M NEWBY #1	0	0	0	0
16 M NEWBY #2 (18)	0	0	0	0
17 M NEWBY #3 (18)	0	0	0	0
18 EAGLE ROCK (1)	365	0	0	0
19 FARMERS FRIEND	131	0	0	0
20 ENTERPRIZE	0	0	0	0
21 C HICKMAN	0	0	0	0
22 BUTLER ISLAND	0	0	0	0
23 ROSS AND RAND	0	0	0	0
24 STEELE	0	0	0	0
25 HARRISON	55	0	0	0
26 CHENEY (24)	0	0	0	0
27 G SCOTT #1 (24)	0	0	0	0
28 J BROWN	0	0	0	0
29 BUTLER ISL #2	0	0	0	0
30 G SCOTT #2 (24)	0	0	0	0
31 SUBDIV PUMP	0	0	0	0
32 RUDY	76	0	0	0
33 LOWDER SLOUGH	21	0	0	0
34 KITE & NORD	0	0	0	0
35 BURGESS	255	0	0	0
36 M H HILL (27)	0	0	0	0
37 CLARK & EDWARDS	26	0	0	0
38 CROFT	0	0	0	0
39 A ZAUGG	0	0	0	0
40 G HOLMAN	0	0	0	0
41 G MUMA	0	0	0	0
42 EAST LABELLE	39	0	0	0
43 B GROVER (22)	0	0	0	0
44 RIGBY	28	0	0	0
45 K FOSTER (22)	0	0	0	0
46 WHITE ISLAND	0	0	0	0
47 DILTS LATERAL (2	0	0	0	0
48 DILTS	0	0	0	0
49 ISLAND	79	0	0	0
50 W LABELLE & LG I	276	0	0	0
51 PARKS & LEWSVLLE	210	0	0	0
52 NORTH RIGBY	8	0	0	0
53 JEFF HILLS ELEC	0	0	0	0
54 WHITE DITCH (3)	0	0	0	0
55 D PHILLIPS	0	0	0	0
56 VON BARON	0	0	0	0
113 L FRANSEN (10)	0	0	0	0
114 L BRATT	0	0	0	0
115 L LOOSLI #1	1	0	0	0
116 DEWEY	7	0	0	0
117 J SEELEY	0	0	0	0
118 YELLOWSTONE	0	0	0	0
119 ATCHLEY PMPS (10	0	0	0	0
120 MARYSVILLE	0	0	0	0
121 F & L GRIFFEL	0	0	0	0
122 R BAUM	0	0	0	0
123 G/6 (10)	0	0	0	0
124 FARMERS OWN	22	0	0	0
125 W SCAFE	0	0	0	0
126 R STURM #2 (10)	0	0	0	0
127 R STURM #1 (10)	0	0	0	0
128 M GRIFFEL	0	0	0	0
129 L LOOSLI #2	0	0	0	0
130 C MALOUF	0	0	0	0
131 CONANT CR CANAL	0	0	0	0
132 K NYBORG	0	0	0	0
133 BOOM CR CANAL	0	0	0	0
134 ORME CANAL	0	0	0	0
135 SQUIR PMP #3	0	0	0	0
136 L ORME PUMP	0	0	0	0
137 D HARSHBARGER(25	0	0	0	0
138 SQUIR PMP #1 (19	0	0	0	0
139 D ZUNDELL	0	0	0	0
140 L LOOSLI #3	0	0	0	0
141 L LOOSLI #4 (26)	0	0	0	0
142 D BUDGE	0	0	0	0
143 J HILL	0	0	0	0
144 D REYNOLDS	0	0	0	0
145 C LOOSLI	0	0	0	0
146 T POTTER	0	0	0	0
147 ENTERPRISE	0	0	0	0
148 R D MILLER	0	0	0	0
149 C ATCHLEY (10)	0	0	0	0
150 W C DAVIS (10)	0	0	0	0
151 FALL RIVER CANAL	18	0	0	0
152 CHESTER	7	0	0	0
153 MCBEE	1	0	0	0
154 SILKEY	0	0	0	0
155 CURR	1	0	0	0
156 L LOOSLI #5	0	0	0	0
157 G BLANCHARD	0	0	0	0
158 LAST CHANCE	13	0	0	0
159 CROSSCUT TO TETN	1	0	0	0
160 XCUT FALL R (15)	13	0	0	0
161 FARMERS FRIEND	12	0	0	0
162 TWIN GROVES	38	0	0	0
163 ST ANTHONY UNION	0	0	0	0
164 SALEM UNION	82	0	0	0
165 EGIN	0	0	0	0
166 ST AN U FDR (17)	0	0	0	0
167 INDEPENDENT	7	0	0	0
168 CONSOLIDATED FRS	89	0	0	0
225 D BOYCE	0	0	0	0
226 B TOMCHAK #1	0	0	0	0
227 C BOYCE	0	0	0	0
228 STIENKE -MURDOCK	0	0	0	0
229 L CARLSON N (12)	0	0	0	0
230 B TOMCHAK #2	0	0	0	0
231 L CARLSON S (12)	0	0	0	0
232 H BROWN	0	0	0	0
233 KINGSTON NTH	0	0	0	0
234 G OFFUT (12)	0	0	0	0
235 KINGSTON STH	0	0	0	0
236 BEAR ISL NORTH	0	0	0	0
237 BEAR ISL WEST	0	0	0	0
238 OSGOOD	0	0	0	0
239 CLEMENTS	0	0	0	0
240 KENNEDY	0	0	0	0
241 GREAT WESTERN	0	0	0	0
242 L HANSEN E (12)	0	0	0	0
243 A ZOHNER	0	0	0	0
244 V CENELL	0	0	0	0
245 M BOAM (12)	0	0	0	0
246 R MACKAY (12)	0	0	0	0
247 IDAHO	0	0	0	0
248 PORTER (16)	0	0	0	0
249 LOERTSCHER	0	0	0	0
250 BOYD FOSTE R	0	0	0	0
251 SCHWENDIMAN	0	0	0	0
252 LOVELL # 1	0	0	0	0
253 FERGUSON	1	0	0	0
254 LOVELL # 2	0	0	0	0
255 W REED #1	0	0	0	0
256 SARGENT & SUMMRS	0	0	0	0
257 DURTSCHI PUMPS	0	0	0	0
258 W REED #2	0	0	0	0
259 FOSTER -SARGENT P	0	0	0	0
260 SPERRY	0	0	0	0
261 ORVAL AVERY	0	0	0	0
262 ROY AVERY	1	0	0	0
263 STUCKI PUMPS	0	0	0	0
264 ROY COOPER SAND	0	0	0	0
265 ROY COOPER WILL	0	0	0	0
266 D KEELER	0	0	0	0
267 PROGRESSIVE SAND	146	0	0	0
268 BEAN	0	0	0	0
269 W & O COOPER	0	0	0	0
270 IDAHO FR SAND CK	0	0	0	0
271 DEMICK	0	0	0	0
272 PROGRESSIVE WILL	43	0	0	0
273 IF MONROC LYONS	0	0	0	0
274 WOODVILLE	0	0	0	0
275 WOODVL PMP#1 (21	0	0	0	0
276 WOODVL PMP#2 (21	0	0	0	0
277 WOODVL SIPH (21	0	0	0	0
278 IDAHO PUMP	0	0	0	0
279 SNAKE RIVER VY	0	0	0	0
280 P HILL (13)	0	0	0	0

57	BRAMWELL	0	0	0	0	169	SOUTH PIPE	0	0	0	0	281	RESERV MITIG	0	0	0	0
58	ELLIS (11)	0	0	0	0	170	J RICKS	0	0	0	0	282	RESERVATION	0	0	0	0
59	D SCOTT (3)	0	0	0	0	171	BOELKE	0	0	0	0	283	BLACKFOOT	0	0	0	0
60	FRESH PAC	2	0	0	0	172	CLEMENTSVILLE	0	0	0	0	284	NEW LAVA SIDE	0	0	0	0
61	J T JONES	0	0	0	0	173	HIBBERT FARMS	0	0	0	0	285	R C ADAMS #1 (5)	0	0	0	0
62	C JONES (3)	0	0	0	0	174	R & J BROWN	0	0	0	0	286	R C ADAMS #2 (5)	0	0	0	0
63	W DABELL (3)	0	0	0	0	175	P L STOTT	0	0	0	0	287	PEOPLES	0	0	0	0
64	D STOKER	0	0	0	0	176	B PARKINSON	0	0	0	0	288	ABERDEEN	0	0	0	0
65	J N ERICKSON	0	0	0	0	177	CANYON CR CANAL	0	0	0	0	289	SWID (20)	0	0	0	0
66	NELSON	0	0	0	0	178	G CRAPO	0	0	0	0	290	CORBETT	0	0	0	0
67	MATTSON-CRAIG	0	0	0	0	179	P STEVENS	0	0	0	0	291	NIELSON-HANSEN	0	0	0	0
68	SUNNYDELL	43	0	0	0	180	V SCHWENDIMAN	0	0	0	0	292	R LAMBERT (7)	0	0	0	0
69	B COVINGTON	0	0	0	0	181	R B RICKS	0	0	0	0	293	K CHRISTENSEN(6)	0	0	0	0
70	T PARKINSON	0	0	0	0	182	CANYON CR LAT	0	0	0	0	294	RIVERSIDE	0	0	0	0
71	R GROVER	0	0	0	0	183	H BISCHOFF	0	0	0	0	295	DANSKIN	0	0	0	0
72	D CHENEY	0	0	0	0	184	WILFORD	24	0	0	0	296	TREGO	0	0	0	0
73	L ROBINSON	0	0	0	0	185	D ALLEN (14)	0	0	0	0	297	JENSEN GROVE	0	0	0	0
74	LENROOT	14	0	0	0	186	B TUCKER (14)	0	0	0	0	298	WEARYRICK	6	0	0	0
75	R BURNS	0	0	0	0	187	B PARKER (14)	0	0	0	0	299	WATSON	0	0	0	0
76	REID	37	0	0	0	188	SIDDOWAY PMP (14	0	0	0	0	300	PARSONS	11	0	0	0
77	TEXAS & LIBRTY P	55	0	0	0	189	MCKINNLEY (14)	0	0	0	0	301	GROUNDWATER SHEL	0	0	0	0
78	BANNOCK JIM	0	0	0	0	190	TETON IRRIGATION	10	0	0	0	302	FT HALL MICHAUD	0	0	0	0
79	HILL PETTINGER	0	0	0	0	191	SIDDOWAY (14)	0	0	0	0	303	FALLS IRRIGATION	0	0	0	0
80	NELSON COREY (23	0	0	0	0	192	PIONEER	1	0	0	0	304	M OSBORN	0	0	0	0
81	L HILL (23)	0	0	0	0	193	STEWART	2	0	0	0	305	CALL FARMS	0	0	0	0
82	G MAROTZ	0	0	0	0	194	N BIRCH	0	0	0	0	306	R EVANS	0	0	0	0
83	N FK HIGHLANDS	0	0	0	0	195	B LEAVITT	0	0	0	0	307	GROUNDWATER NEEL	0	0	0	0
84	F HOWELL	0	0	0	0	196	PINCOCK-BYINGTON	2	0	0	0	308	MINIDOKA NTH S	0	0	0	0
85	S BOLLAERT	0	0	0	0	197	B HOLLIST	0	0	0	0	309	MINIDOKA STH (8)	0	0	0	0
86	F VANDERSLOOT #1	0	0	0	0	198	TETON ISLAND FDR	137	0	0	0	310	E HERBERT	0	0	0	0
87	F VANDERSLOOT #2	0	0	0	0	199	SALEM UNION B	0	0	0	0	311	MID MISC	0	0	0	0
88	F VANDERSLOOT #3	0	0	0	0	200	J HARRIS	0	0	0	0	312	MILNER MISC	0	0	0	0
89	T HOLCOMB	0	0	0	0	201	ROXANA	5	0	0	0	313	LAW-KER FARMS	0	0	0	0
90	R LEE	0	0	0	0	202	ISLAND WARD	0	0	0	0	314	BURLEY GC	0	0	0	0
91	Z EGBERT #1 (10)	0	0	0	0	203	SAUREY	3	0	0	0	315	CITY OF BURLEY	0	0	0	0
92	R RITCHEY	0	0	0	0	204	GARDNER-BEDDES	0	0	0	0	316	SIMPLOT FTLZR	0	0	0	0
93	N MILLER #1	0	0	0	0	205	BIGLER SLOUGH	0	0	0	0	317	AMALGA SUGAR	0	0	0	0
94	N MILLER #2	0	0	0	0	206	WOODMANSEE-JSN	0	0	0	0	318	R TILLEY PUMP	0	0	0	0
95	Z EGBERT #2	0	0	0	0	207	G GODFREY	0	0	0	0	319	COORS BREWNG	0	0	0	0
96	R D BAKER	0	0	0	0	208	R R RICKS	0	0	0	0	320	K SANDMANN	0	0	0	0
97	D PHELPS (10)	0	0	0	0	209	CITY OF REXBURG	4	0	0	0	321	H SCHODDE	0	0	0	0
98	D SEELEY	0	0	0	0	210	T BRUNSON (27)	0	0	0	0	322	BAR-U-RANCH #1	0	0	0	0
99	Z EGBERT #3 (10)	0	0	0	0	211	J S WRIGHT	0	0	0	0	323	BAR-U-RANCH #2	0	0	0	0
100	Z EGBERT #4	0	0	0	0	212	REXBURG IRRIG	31	0	0	0	324	M HOBSON	0	0	0	0
101	Z EGBERT #5	0	0	0	0	213	BEAVER DICK PMP	0	0	0	0	325	V HOBSON	0	0	0	0
102	G NEDROW	0	0	0	0	214	GROUNDWATER HENR	0	0	0	0	326	A & B IRR DIST	0	0	0	0
103	BAKER & NEDROW	0	0	0	0	215	L A HARTERT (4)	0	0	0	0	327	PA LATERAL (9)	0	0	0	0
104	M REYNOLDS #1	0	0	0	0	216	A GUNDERSON (4)	0	0	0	0	328	MILNER IRRIG	0	0	0	0
105	R & C BAUM	0	0	0	0	217	MILLER-BARNS (4)	0	0	0	0	329	A LATERAL (9)	0	0	0	0
106	J MCCULLOCH	0	0	0	0	218	BUTTE SLOUGH (4)	0	0	0	0	330	J BRUNE (9)	0	0	0	0
107	M REYNOLDS #2	0	0	0	0	219	BUTTE & MARKET L	30	0	0	0	331	NS XCUT GDNG (9)	0	0	0	0
108	A NEDROW #1	0	0	0	0	220	BEAR TRAP	0	0	0	0	332	RES DIST #2	0	0	0	0
109	A NEDROW #2	0	0	0	0	221	WALKER FARMS	0	0	0	0	333	NORTHSIDE TWIN F	0	0	0	0
110	J NEDROW	0	0	0	0	222	M TOMCHAK	0	0	0	0	334	TWIN FALLS SOUTH	0	0	0	0
111	V & D KIRKHAM	0	0	0	0	223	A WILDE PUMP	0	0	0	0						
112	D NEDROW	0	0	0	0	224	N FULLMER	0	0	0	0						

STORAGE USED COMBINED WITH (1)ANDERSON, (2)DILTS, (3)W LABL & LI, (4)BUTTE & MARKET L, (5)PEOPLES, (6)NEW LAVA SIDE
(7)RIVERSIDE, (8)MINIDOKA NTH S, (9)NORTHSIDE TWIN F, (10)MARYSVILLE, (11)BRAMWELL, (12)BURGESS, (13)SNAKE R VY,
(14)TETON IRR, (15)FALL R, (16)GREAT WESTERN, (17)ST ANTHONY UN, (18)NEWBY #1, (19)SQUIRREL #3, AND (20)MIL IRRIG & T.F.S.S., MINIDOKA STH
(21)WOODVILLE CANAL, (22)CLARK & EDWARDS, (23)HILL-PETTINGER, (24)STEELE, (25)BOOM CREEK PUMP, (26)L LOOSLI #3

27 WOODMANSEE JR NELSON 28. NILES & LOBB

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327 FORMAT('    STORAGE USED COMBINED WITH (1)ANDERSON, (2)DILTS,
   1 (3)W LABL & LI, (4)BUTTE & MARKET L, (5)PEOPLES, (6)NEW
   2 LAVA SIDE',/'    (7)RIVERSIDE, (8)MINIDOKA NTH S, (9)NORTHSIDE
   3TWIN F, (10)MARYSVILLE,  (11)BRAMWELL, (12)BURGESS, (13)SNAKE R VY    !VER 1.1
   4, ', /'    (14)TETON IRR, (15)FALL R, (16)GREAT WESTERN, (17)ST
   5 ANTHONY UN, (18)NEWBY #1, (19)SQUIRREL #3, AND (20)MIL IRRIG &
   6 T.F.S.S.',/'    (21)WOODVILLE CANAL, (22)CLARK & EDWARDS, (23)
   7HILL-PETTINGER, (24)STEELE, (25)BOOM CREEK PUMP, (26)L LOOSLI #
   83',/'    (27)WOODMANSEE-JOHNSON, (28)KITE AND NORD')
```

MINIDOKA STH (28) ZUNDEL, (29) FARMERS OWN

CONANT CR CANAL,

I 1 13080000 MIN. N. SD.
I 8 13087500 TFSS
(20) I 8S 13061625 SWID
I 8C 13080000 MILNER

13010500	1	1	1JACKSON LAKE
13032450	2	2	1PALISADES
13032510	3	0	P BIRD
13032515	3	0	BOY SCOUT PUMP
13032520	3	0	A ROSTAD
13032920	3	0	R ROSE
13033010	3	0	PALISADES CANAL
13033643	3	0	J FLEMING
13033650	3	0	MERT OGDEN
13033660	3	0	LYNN DIXON
13033698	3	0	J CHICK
13034460	3	0	L JACOBSON
13037305	3	0	I SPAULDING (TR)
13037490	3	0	B FOSTER
13037505	4	0	ANDERSON
13037510	4	0	M & M CATTLE (S)
13037855	4	0	M NEWBY #1
13037860	4	0	M NEWBY #2 (18)
13037880	4	0	M NEWBY #3 (18)
13037975	4	0	EAGLE ROCK (1)
13037980	4	0	FARMERS FRIEND
13037985	4	0	ENTERPRIZE
13037997	4	0	C HICKMAN
13038025	4	0	BUTLER ISLAND
13038030	4	0	ROSS AND RAND
13038050	4	0	STEELE
13038055	4	0	HARRISON
13038065	4	0	CHENEY (24)
13038075	4	0	G SCOTT #1 (24)
13038079	4	0	J BROWN
13038080	4	0	BUTLER ISL #2
13038081	4	0	G SCOTT #2 (24)
13038084	4	0	SUBDIV PUMP
13038085	4	0	RUDY
13038090	4	0	LOWDER SLOUGH
13038098	4	0	KITE & NORD
13038110	4	0	BURGESS
13038113	4	0	M H HILL (27)
13038115	4	0	CLARK & EDWARDS
13038145	4	0	CROFT
13038147	4	0	A ZAUGG
13038148	4	0	G HOLMAN
13038149	4	0	G MUMA
13038150	4	0	EAST LABELLE
13038151	4	0	B GROVER (22)
13038180	4	0	RIGBY
13038183	4	0	K FOSTER (22)
13038201	4	0	WHITE ISLAND
13038204	4	0	DILTS LATERAL (2)
13038205	4	0	DILTS
13038210	4	0	ISLAND
13038225	4	0	W LABELLE & LG I
13038305	4	0	PARKS & LEWSVLLE
13038315	4	0	NORTH RIGBY
13038331	4	0	JEFF HILLS ELEC
13038340	4	0	WHITE DITCH (3)
13038352	4	0	D PHILLIPS
13038356	4	0	VON BARON
13038360	4	0	BRAMWELL
13038362	4	0	ELLIS (11)
13038363	4	0	D SCOTT (3)
13038365	4	0	FRESH PAC
13038371	4	0	J T JONES
13038372	4	0	C JONES (3)
13038382	4	0	W DABELL (3)

13038384	4	0	D STOKER
13038386	4	0	J N ERICKSON
13038387	4	0	NELSON
13038388	4	0	MATTSON-CRAIG
13038392	32	0	SUNNYDELL
13038393	32	0	B COVINGTON
13038405	32	0	T PARKINSON
13038410	32	0	R GROVER
13038417	32	0	D CHENEY
13038422	32	0	L ROBINSON
13038426	32	0	LENROOT
13038428	32	0	R BURNS
13038431	32	0	REID
13038434	32	0	TEXAS & LIBRTY P
13038435	32	0	BANNOCK JIM
13038436	32	0	HILL PETTINGER
13038437	32	0	NELSON COREY (23)
13038438	32	0	L HILL (23)
13039000	11	3	1HENRYS LAKE
13042000	12	4	1ISLAND PARK
13042600	13	-1	1ASHTON POWER
13045655	13	0	G MAROTZ
13045675	13	0	N FK HIGHLANDS
13045705	13	0	F HOWELL
13045710	13	0	S BOLLAERT
13045721	13	0	F VANDERSLOOT #1
13045724	13	0	F VANDERSLOOT #2
13045727	13	0	F VANDERSLOOT #3
13045755	13	0	T HOLCOMB
13045780	13	0	R LEE
13045805	13	0	Z EGBERT #1 (10)
13045807	13	0	R RITCHEY
13045810	13	0	N MILLER #1
13045811	13	0	N MILLER #2 (28)
13045813	13	0	Z EGBERT #2
13045823	13	0	R D BAKER
13045829	13	0	D PHELPS (10)
13045849	13	0	D SEELEY
13045860	13	0	Z EGBERT #3 (10)
13045880	13	0	Z EGBERT #4
13045930	13	0	Z EGBERT #5
13045940	13	0	G NEDROW
13045950	13	0	BAKER & NEDROW
13045960	13	0	M REYNOLDS #1
13046015	13	0	R & C BAUM
13046020	13	0	J MCCULLOCH
13046025	30	0	M REYNOLDS #2
13046070	30	0	A NEDROW #1
13046072	30	0	A NEDROW #2
13046075	30	0	J NEDROW
13046083	30	0	V & D KIRKHAM
13046084	30	0	D NEDROW 29
13046086	30	0	L FRANSEN (10)
13046090	30	0	L BRATT
13046095	30	0	L LOOSLI #1
13046310	30	0	DEWEY
13046315	30	0	J SEELEY
13046500	14	5	1GRASSY LAKE
13047305	16	0	YELLOWSTONE
13047474	16	0	ATCHLEY PMPS (10)
13047475	16	0	MARYSVILLE
13047515	16	0	F & L GRIFFEL
13047565	16	0	R BAUM
13047570	16	0	G/6 (10)
13047575	16	0	FARMERS OWN

13047605	16	0	W SCAFE
13047615	16	0	R STURM #2 (10)
13047616	16	0	R STURM #1 (10)
13047625	16	0	M GRIFFEL
13047635	16	0	L LOOSLI #2
13047636	16	0	C MALOUF
13047681	16	0	CONANT CR CANAL
13047710	16	0	K NYBORG
13047900	16	0	BOOM CR CANAL
13048050	16	0	ORME CANAL
13048060	16	0	SQUIR PMP #3
13048070	16	0	L ORME PUMP
13048080	16	0	D HARSHBARGER(25)
13048255	16	0	SQUIR PMP #1 (19)
13048265	16	0	D ZUNDELL
13048275	16	0	L LOOSLI #3
13048280	16	0	L LOOSLI #4 (26)
13048290	16	0	D BUDGE
13048350	16	0	J HILL
13048430	16	0	D REYNOLDS
13048440	16	0	C LOOSLI
13048470	16	0	T POTTER
13048475	16	0	ENTERPRISE
13048485	16	0	R D MILLER
13048551	16	0	C ATCHLEY (10)
13048556	16	0	W C DAVIS (10)
13048560	16	0	FALL RIVER CANAL
13048705	16	0	CHESTER
13049008	16	0	MCBEE
13049010	16	0	SILKEY
13049015	16	0	CURR
13049490	16	0	L LOOSLI #5
13049495	16	0	G BLANCHARD
13049550	17	0	LAST CHANCE
13049560	17	0	CROSSCUT TO TETN
13049561	17	0	XCUT FALL R (15)
13049705	17	0	FARMERS FRIEND
13049710	17	0	TWIN GROVES
13049725	17	0	ST ANTHONY UNION
13049805	17	0	SALEM UNION
13050525	10	0	EGIN
13050530	10	0	ST AN U FDR (17)
13050535	10	0	INDEPENDENT
13050545	10	0	CONSOLIDATED FRS
13053951	18	0	SOUTH PIPE
13053971	18	0	J RICKS
13054031	18	0	BOELKE
13054042	18	0	CLEMENTSVILLE
13054045	18	0	HIBBERT FARMS
13054111	18	0	R & J BROWN
13054291	18	0	P L STOTT
13054420	18	0	B PARKINSON
13054515	18	0	CANYON CR CANAL
13054577	18	0	G CRAPO
13054590	18	0	P STEVENS
13054705	18	0	V SCHWENDIMAN
13054772	18	0	R B RICKS
13054801	18	0	CANYON CR LAT
13054940	18	0	H BISCHOFF
13055030	19	0	WILFORD
13055032	19	0	D ALLEN (14)
13055033	19	0	B TUCKER (14)
13055036	19	0	B PARKER (14)
13055037	19	0	SIDDOWAY PMP (14
13055039	19	0	MCKINNLEY (14)

13055040	19	0	TETON IRRIGATION
13055042	19	0	SIDDOWAY (14)
13055050	19	0	PIONEER
13055060	19	0	STEWART
13055193	19	0	N BIRCH
13055195	19	0	B LEAVITT
13055205	19	0	PINCOCK-BYINGTON
13055206	19	0	B HOLLIST
13055210	19	0	TETON ISLAND FDR
13055245	19	0	SALEM UNION B
13055263	47	0	J HARRIS
13055275	47	0	ROXANA
13055280	47	0	ISLAND WARD
13055295	47	0	SAUREY
13055313	19	0	GARDNER-BEDDES
13055314	19	0	BIGLER SLOUGH
13055315	19	0	WOODMANSEE-JSN
13055319	19	0	G GODFREY
13055321	19	0	R R RICKS
13055323	19	0	CITY OF REXBURG
13055325	19	0	T BRUNSON (27)
13055327	19	0	J S WRIGHT
13055334	19	0	REXBURG IRRIG
13056501	21	0	BEAVER DICK PMP
13056999	21	0	GROUNDWATER HENRYS
13057012	21	0	L A HARTERT (4)
13057013	21	0	A GUNDERSON (4)
13057014	21	0	MILLER-BARNS (4)
13057021	21	0	BUTTE SLOUGH (4)
13057025	21	0	BUTTE & MARKET L
13057030	5	0	BEAR TRAP
13057038	5	0	WALKER FARMS
13057046	5	0	M TOMCHAK
13057090	5	0	A WILDE PUMP
13057097	5	0	N FULLMER
13057105	5	0	D BOYCE
13057106	5	0	B TOMCHAK #1
13057107	5	0	C BOYCE
13057114	5	0	STIENKE-MURDOCK
13057115	5	0	L CARLSON N (12)
13057116	5	0	B TOMCHAK #2
13057117	5	0	L CARLSON S (12)
13057118	5	0	H BROWN
13057120	5	0	KINGSTON NTH
13057121	5	0	G OFFUT (12)
13057122	5	0	KINGSTON STH
13057123	5	0	BEAR ISL NORTH
13057124	5	0	BEAR ISL WEST
13057125	5	0	OSGOOD
13057126	5	0	CLEMENTS
13057130	5	0	KENNEDY
13057135	5	0	GREAT WESTERN
13057140	5	0	L HANSEN E (12)
13057141	5	0	A ZOHNER
13057142	5	0	V CENELL
13057143	5	0	M BOAM (12)
13057144	5	0	R MACKAY (12)
13057145	5	0	IDAHO
13057250	36	0	PORTER (16)
13057938	23	0	LOERTSCHER
13057950	24	6	1RIRIE RESERVOIR
13058015	25	0	BOYD FOSTER
13058090	25	0	SCHWENDIMAN
13058105	25	0	LOVELL # 1
13058125	25	0	FERGUSON

13058145	25	0	LOVELL # 2
13058165	25	0	W REED #1
13058210	25	0	SARGENT & SUMMRS
13058230	25	0	DURTSCHI PUMPS
13058250	25	0	W REED #2
13058265	25	0	FOSTER-SARGENT PUMP
13058270	25	0	SPERRY
13058290	25	0	ORVAL AVERY
13058310	25	0	ROY AVERY
13058330	25	0	STUCKI PUMPS
13058370	25	0	ROY COOPER SAND
13058380	25	0	ROY COOPER WILL
13058508	25	0	D KEELER
13058510	25	0	PROGRESSIVE SAND
13058512	25	0	BEAN
13058514	25	0	W & O COOPER
13058515	25	0	IDAHO FR SAND CK
13058519	25	0	DEMICK
13058530	25	0	PROGRESSIVE WILL
13059050	31	-1	IDAHO FALLS POWR
13059490	31	0	IF MONROC LYONS
13059505	31	0	WOODVILLE
13059510	31	0	WOODVL PMP#1 (21)
13059515	31	0	WOODVL PMP#2 (21)
13059520	31	0	WOODVL SIPH (21)
13059523	31	0	IDAHO PUMP
13059525	31	0	SNAKE RIVER VY
13060055	6	0	P HILL (13)
13060500	6	0	RESERV MITIG
13060501	6	0	RESERVATION
13061430	6	0	BLACKFOOT
13061520	6	0	NEW LAVA SIDE
13061521	6	0	R C ADAMS #1 (5)
13061522	6	0	R C ADAMS #2 (5)
13061525	6	0	PEOPLES
13061610	6	0	ABERDEEN
13061625	6	0	SWID (20)
13061650	6	0	CORBETT
13061670	6	0	NIELSON-HANSEN
13061677	6	0	R LAMBERT (7)
13061685	6	0	K CHRISTENSEN(6)
13061705	6	0	RIVERSIDE
13061995	6	0	DANSKIN
13062050	6	0	TREGO
13062051	6	0	JENSEN GROVE
13062503	22	0	WEARYRICK
13062506	22	0	WATSON
13062507	22	0	PARSONS
13074999	39	0	GROUNDWATER SHELLEY
13075900	7	0	FT HALL MICHAUD
13076400	7	0	FALLS IRRIGATION
13076500	7	7	1AMERICAN FALLS
13076751	7	-1	1AMERICAN FALLS P
13077652	8	0	M OSBORN
13077755	8	0	CALL FARMS
13077775	8	0	R EVANS
13079999	8	0	GROUNDWATER NEELEY
13080000	8	0	MINIDOKA NTH S
13080500	8	0	MINIDOKA STH (8)
13081000	8	8	1LAKE WALCOTT
13081400	8	-1	1MINIDOKA POWER
13084590	9	0	E HERBERT
13084598	9	0	MID MISC
13084599	9	0	MILNER MISC
13084610	9	0	LAW-KER FARMS

13084640	9	0	BURLEY GC
13084650	9	0	CITY OF BURLEY
13084655	9	0	SIMPLOT FTLZR
13084690	9	0	AMALGA SUGAR
13084710	9	0	R TILLEY PUMP
13084720	9	0	COORS BREWNG
13084725	9	0	K SANDMANN
13085270	9	0	H SCHODDE
13085275	9	0	BAR-U-RANCH #1
13085300	9	0	BAR-U-RANCH #2
13085390	9	0	M HOBSON
13085400	9	0	V HOBSON
13085500	9	0	A & B IRR DIST
13085800	9	0	PA LATERAL (9)
13086000	9	0	MILNER IRRIG
13086510	9	0	A LATERAL (9)
13086512	9	0	J BRUNE (9)
13086520	9	0	NS XCUT GDNG (9)
13086530	9	0	RES DIST #2
13087000	9	0	NORTHSIDE TWIN F
13087500	9	0	TWIN FALLS SOUTH

```
C I64 IS IS M NEWBY #1, I65 IS M NEWBY #2, I66 IS M NEWBY #3
      RD(I64)=RD(I64)+DIV(I65)+DIV(I66)
      RD(I65)=0.0
      RD(I66)=0.0
C I87 IS WOODVILLE, I88 IS WOODVILLE PMP #1, I89 IS WOODVILLE PMP #2
C I90 IS WOODVILLE PMP #3
      RD(I87)=RD(I87)+DIV(I88)+DIV(I89)+DIV(I90)
      RD(I88)=0.0
      RD(I89)=0.0
      RD(I90)=0.0
C I75 IS IS SQUIR PMP #3, I77 IS SQUIR PMP #1
      RD(I75)=RD(I75)+DIV(I77)
      RD(I77)=0.0
C I93 IS IS CLARK AND EDWARDS, I94 IS B GROVER, I95 IS K FOSTER
      RD(I93)=RD(I93)+DIV(I94)+DIV(I95)
      RD(I94)=0.0
      RD(I95)=0.0
C I100 IS HILL-PETTINGER, I101 IS NELSON-COREY, I102 IS L HILL
      RD(I100)=RD(I100)+DIV(I101)+DIV(I102)
      RD(I101)=0.0
      RD(I102)=0.0
C I121 IS STEELE, I106 IS G SCOTT #1, I107 IS G SCOTT #2, I46 IS CHENEY
      RD(I121)=RD(I121)+DIV(I106)+DIV(I107)+DIV(I46)  !VER 1.1 Added Cheney
      RD(I106)=0.0
      RD(I107)=0.0
      RD(I46)=0.0
C I109 IS BOOM CREEK PMUMP, I108 IS HARSHBARGER PUMP
      RD(I109)=RD(I109)+DIV(I108)
      RD(I108)=0.0
C I117 IS L LOOSLI #3, I116 IS L LOOSLI #4
      RD(I117)=RD(I117)+DIV(I116)
      RD(I116)=0.0
C I119 IS WOODMANSEE-JOHNSON, I120 IS T BRUNSON
      RD(I119)=RD(I119)+DIV(I120)
      RD(I120)=0.0
C I122 IS M HILL PUMP, I123 IS KITE & NORD
      RD(I123)=RD(I123)+DIV(I122)
      RD(I122)=0.0
  415 CONTINUE
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C----SECTION  9-1
C****TRANSFER SPECIAL CANAL DIVERSION ORDER NUMBERS TO UNDIMENSIONED
C****VARIABLES FOR LATER USE AS SUBSCRIPTS.  WHEN ADDING MORE SPECIAL
C****DIVERSIONS, INCREASE DIMENSION TO EXACT NUMBER.
C
      I1 =ISPEC( 1)
      I2 =ISPEC( 2)
      I3 =ISPEC( 3)
      I4 =ISPEC( 4)
      I5 =ISPEC( 5)
      I6 =ISPEC( 6)
      I7 =ISPEC( 7)
      I8 =ISPEC( 8)
      I9 =ISPEC( 9)
      I10=ISPEC(10)
      I11=ISPEC(11)
      I12=ISPEC(12)
      I13=ISPEC(13)
      I14=ISPEC(14)
      I15=ISPEC(15)
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      I20=ISPEC(20)
      I21=ISPEC(21)
      I22=ISPEC(22)
      I23=ISPEC(23)
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      I37=ISPEC(37)
      I38=ISPEC(38)
      I39=ISPEC(39)
      I40=ISPEC(40)
      I41=ISPEC(41)
      I42=ISPEC(42)
      I43=ISPEC(43)
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      I46=ISPEC(46)
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      I48=ISPEC(48)
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      I63=ISPEC(63)
      I64=ISPEC(64)
      I65=ISPEC(65)
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      I67=ISPEC(67)
      I68=ISPEC(68)
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      I69=ISPEC(69)
      I70=ISPEC(70)
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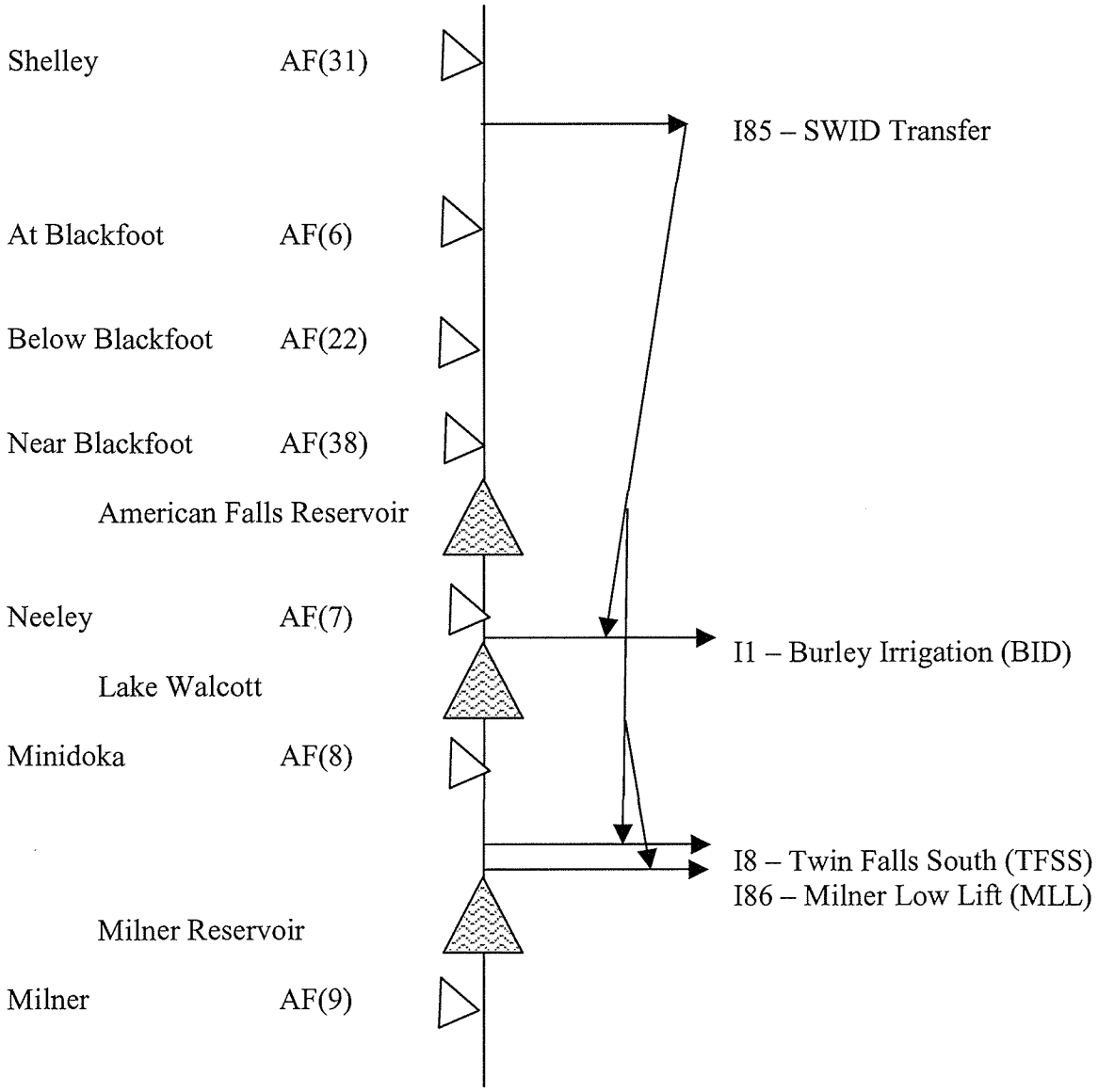
      I95=ISPEC(95)
      I96=ISPEC(96)
      I97=ISPEC(97)
      I98=ISPEC(98)
      I99=ISPEC(99)
      I100=ISPEC(100)
      I101=ISPEC(101)                                    (1)
      I102=ISPEC(102)
      I103=ISPEC(103)
      I104=ISPEC(104)
      I105=ISPEC(105)
      I106=ISPEC(106)
      I107=ISPEC(107)
      I108=ISPEC(108)
      I109=ISPEC(109)
      I110=ISPEC(110)
      I111=ISPEC(111)
      I112=ISPEC(112)
      I113=ISPEC(113)
      I114=ISPEC(114)
      I115=ISPEC(115)
      I116=ISPEC(116)
      I117=ISPEC(117)
      I118=ISPEC(118)
      I119=ISPEC(119)
      I120=ISPEC(120)
      I121=ISPEC(121)
      I122=ISPEC(122)                                    (2)
      I123=ISPEC(123)
C
```

SWLD

Southwest Irrigation District Transfer



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

TRANSFER OF WATER RIGHT

TRANSFER NO. 4859
WATER RIGHT NO. 01-00023

This is to certify that: **SOUTHWEST IRRIGATION DISTRICT**
PO BOX 668
BURLEY ID 83318

has requested a change to the above captioned water right(s). This change in water right(s) is authorized pursuant to the provisions of Section 42-222, Idaho Code, provided the conditions listed below are met.

BENEFICIAL USE	PERIOD OF USE	DIVERSION RATE	ANNUAL VOLUME
IRRIGATION	04/01 to 10/31	77.90 CFS	6725.0 AF

SOURCE	TRIBUTARY OF
SNAKE RIVER	COLUMBIA RIVER

Priority: 02/06/1895

LOCATION OF POINT(S) OF DIVERSION: Lot 7(SESW), Sec. 1, Township 09S, Range 25E
CASSIA County
Lot 5(SWNW), Sec. 28, Township 10S, Range 21E
SESE , Sec. 29, Township 10S, Range 21E
TWIN FALLS County

PLACE OF USE: See Remarks

CONDITIONS OF APPROVAL AND REMARKS

1. The change authorized by this transfer shall be accomplished within one (1) year of the date of this approval.
2. Use of Water Right No. 01-00023 pursuant to approved Transfer No. 4859 shall be subordinate to all existing water rights diverting from Snake River in the American Falls to Milner reach except to the extent that water available under this right at the Aberdeen Springfield Canal diversion is specifically identified and shown to be delivered in the American Falls-Milner reach.
3. The annual volume diverted under this right is limited to 6725 acre feet at the points of diversion approved under Transfer No. 4859 except that any water diverted during flood control operations that result in a release of water past Milner Dam shall not be charged against the seasonal volume limitation.

MICROFILMED
APR 04 1997

TRANSFER NO. 4859
WATER RIGHT NO. 01-00023

CONDITIONS OF APPROVAL AND REMARKS

4. Diversion and use of water under Right No. 01-00023 shall be regulated by the watermaster of State Water District 01 (Upper Snake River).
5. Approval of Transfer No. 4859 does not grant any easement or right-of-way to use diversion and delivery facilities owned by persons other than the right owner.
6. Water diverted under this right shall be used within the boundaries of and applied to the lands of the Southwest Irrigation District.
7. The Director of the Department of Water Resources retains jurisdiction to determine and assess a delivery loss to prevent injury to existing water rights in Water District 01.
8. Failure to comply with the conditions of this transfer is cause for the Director to issue an order to show cause why the approval of the transfer should not be rescinded and to take such other action as authorized by law to prevent unauthorized use of water.
9. Water used under this transfer when combined with all other right shall provide no more than 0.02 cubic feet per second per acre no more than 4.0 acre feet per acre per year for the lands herein authorized to be irrigated.

Dated this 21st day of MARCH, 1997.

Acting for Chief, Water Alloc. Bureau

APR 0 8 1997

Form 1-222
12-92

Page 1 of 8

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Transfer No. 4859

RECEIVED
MAY 23 1996
Department of Water Resources
Southern Region

APPLICATION FOR TRANSFER OF WATER RIGHT

PART 1

RECEIVED
MAY 20 1996
Department of Water Resources

Name of applicant SOUTHWEST IRRIGATION DISTRICT (SOUTHWEST) Phone 208-678-8382

Post Office address PO Box 668, Burley, Idaho 83318

RECEIVED
AUG 13 1996
Department of Water Resources
Eastern Region

A. PURPOSE OF TRANSFER

1. ☒ Change point of diversion ☒ Add diversion point(s) ☒ Change place of use
   ☐ Change nature of use ☐ Change period of use ☐ Other _____

2. Describe the reason for the proposed changes Southwest has agreed to purchase this water right from CAnyon View Irrigation Company, Inc. and to use the water through the ~~Burley Irrigation District, Milner Lowlift and Twin Falls Canal Company~~ to lands within the Southwest District.

B. DESCRIPTION OF RIGHT(S) OR PORTION THEREOF, AFTER THE REQUESTED CHANGE

1. Right Number	Priority	Amount (cfs/ac-ft)	Nature of Use	Period of Use (5-30-96)
01-0023	2-6 1895	77.9 cfs	Irrigation	~~Annually~~ 4-1 to 10-31
				to
				to
				to

2. Total amount of water being transferred 77.9 cubic feet per second and/or 8,996/6725 acre-feet per annum.

3. Source of water Natural flow tributary to Snake River

4. Point(s) of Diversion: Snake River *1

Lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Local name for diversion
5		~~SW~~ NW	NW	28	10S	21E	Twin Falls	Twin Falls Canal/Milner ~~Lowlift~~ Dam
7		SE	SW	1	9S	25E	Cassia	Burley Irrigation District
	NE	SE	SE	29	10S	21E	Twin Falls	Milner Low-Lift Irrig. District Pump/Canal

5. Lands irrigated or place of use: Land #2 within Southwest Irrig. District - Cassia + Twin Falls Co.

Twp.	Rge.	Sec.	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	

MICROFILMED
APR 04 1997

Total acres _____

PART 1

6. General Information:

a. Description of diversion system The delivery system of Twin Falls Canal Company, Milner Low Lift Irrigation District and Burley Irrigation District - Consisting of pumps, lifts, canals. Wheeling agreements are utilized between Southwest and other companies.

b. Are the lands from which you propose to transfer the water right subject to any liens, deeds of trust, mortgages, or contracts? X Yes _____ No. If yes, provide a notarized statement from the holder of the lien, deed of trust, mortgage or contract agreeing to the proposed changes. See attached contract.

c. Describe the affect on the land now irrigated if the place of use is changed pursuant to this transfer:

No affect - see Memorandum Decision - 9631 Ada County District Court and IDWR Order 10-30-92.

d. Remarks:

*1 No exact legal can be propvided as the water will be diverted where the three districts take the water out of the Snake River.

*2 The land irrigated will be as determined by the Southwest Directors to lands within the Southwest Irrigation District from time to time.

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Transfer of Water Rights No. _____

And said application is hereby _____, subject to the following limitations and conditions:

Witness my hand this _____ day of _____, 19____.

_____

Page _____ of _____ TRANS NO. 4859

PART 2

A. DESCRIPTION OF RIGHT AS RECORDED:

Water Right No. 01-00023

STAGE: DECREED

BENEFICIAL USE	PERIOD OF USE	DIVERSION RATE
IRRIGATION	04/01 to 11/01	1250.00 CFS

SOURCE	TRIBUTARY OF
SNAKE RIVER	COLUMBIA RIVER

Priority: 02/06/1895

LOCATION OF POINT(S) OF DIVERSION: Lot 14(SENE), Sec. 34, Township 01S, Range 36E
BINGHAM County

PLACE OF USE: See Remarks

CONDITIONS/REMARKS:

1. P/U WITHIN THE BOUNDARIES OF THE CANAL CO.

```
C
C----SECTION  4-1, PART 2
C****READ ALL RIGHTS ASSOCIATED WITH DIVERSIONS. P IS THE CFS AMOUNT AND
C****ICN IS THE CANAL/DIVERSION NUMBER OF THE RIGHT. IV INDICATES A
C****VARIABLE RIGHT, AND JR INDICATES THE RESERVOIR NUMBER OF A RESERVOIR
C****RIGHT (ALWAYS GE 1), A CANAL OR PUMP DIVERSION (ALWAYS = 0), OR AN
C****INSTREAM FLOW RIGHT SUCH AS POWER OR FISH FLOW (ALWAYS NEGATIVE,
C****  -1 WITHOUT A MEASURED USE AND -2 WITH A MEASURED USE.
C****INDC IS AN INDICATOR USED TO READ THE START DATE FOR SWID.
C
      INDC=0
      DO 52 L=1,NLL
      READ(8,8) IY(L),IM(L),ID(L),P(L),ICN(L),IV(L),JR(L),SVL(L),
     1 KBG(L),KEN(L)
    8 FORMAT(I6,I2,I2,5X,F10.3,I10,2I5,F6.0,2I5)
      IMN=IM(L)
C
C----SECTION  4-1, PART 3A
C****DATE (YEAR,MONTH,DAY) IS CONVERTED TO SINGLE INTEGER FOR LATER USE.
C
      IDATE(L)=ID(L)+(100*IM(L))+(IY(L)*10000)
C
C****FIND THE ORDER NUMBER OF THE TRIBAL (NTR) AND NON-TRIBAL (NNTR) 1891 RIGHTS
C****(ADDED 9/23/05, REMOVED 10/23/05 WHEN SECTION 16-2, PART 3 WAS REMOVED RJS)  VE
C
C      IF (IDATE(L).EQ.18911214.AND.P(L).EQ.390.) NTR=L
C      IF (IDATE(L).EQ.18911214.AND.P(L).EQ.260.) NNTR=L
C
C----SECTION  4-1, PART 3B
C****BEGINNING AND END DAY OF THE YEAR FOR PERIOD OF USE IS CONVERTED
C****TO MONTH AND DAY OF THE MONTH FOR PRINTOUTS.
C
      IF(KBG(L).LE.0) KBG(L)=1
      IF(KEN(L).LE.0) KEN(L)=365
      KBDY(L)=KBG(L)
      KBM=0
  340 KBM=KBM+1
      IF(KBM.GT.12) GO TO 341
      KBDY(L)=KBDY(L)-JD(KBM)
      IF(KBDY(L).GT.0) GO TO 340
      KBDY(L)=KBDY(L)+JD(KBM)
  341 KEDY(L)=KEN(L)
      KEM=0
  342 KEM=KEM+1
      IF(KEM.GT.12) GO TO 343
      KEDY(L)=KEDY(L)-JD(KEM)
      IF(KEDY(L).GT.0) GO TO 342
      KEDY(L)=KEDY(L)+JD(KEM)
  343 CONTINUE
      KBMN(L)=KBM
      KEMN(L)=KEM
C  ADDED 3/17/03 AND CHANGED 4/18/03 TO PRINT START DATE FOR SWID
C  INDC IS USED TO READ ONLY THE FIRST RIGHT.
      IF(ICN(L).EQ.13061625.AND.INDC.EQ.0)THEN
      KDSWID=KBG(L)+3
      INDC=1
      END IF


      READ(15,252) NMR,TYP,NDT,(VRD(L),L=16,20)
```

```
C      READ(15,252) NMR,TYP,NDT,(VRD(L),L=21,24)
       READ(15,252) NMR,TYP,NDT,(VRD(L),L=21,25)    !V1.2
       READ(15,252) NMR,TYP,NDT,(VRD(L),L=26,30)    !V1.2   ADDED NEW READ STATEMENT
       GO TO 388
  390 DO 389 I=1,4
  389 READ(15,252,END=250) NMR,TYP,NDT
       IF(NDT.NE.JDT(16)) GO TO 250
  388 IF(IBGE.EQ.1) GO TO 250
       READ(15,252) NMR,TYP,NDT,(TSE(L),L=1,5)
       IF(NDT.NE.JDT(16)) GO TO 387
       READ(15,252) NMR,TYP,NDT,(TSE(L),L=6,10)
       READ(15,252) NMR,TYP,NDT,(TSE(L),L=11,15)
       READ(15,252) NMR,TYP,NDT,(TSE(L),L=16,20)
       READ(15,252) NMR,TYP,NDT,(TSE(L),L=21,25)
  252 FORMAT(I8,A1,I7,5F10.0)
       READ(15,935) NMR,TYP,NDT,AVSWID
  935 FORMAT(I8,A1,I7,F10.0)
  250 CONTINUE
       PRINT *,' '
       PRINT *,' ALLOCATIONS DATA READ IN  '
       PRINT *,' '
C



C----SECTION 17-1
C****ALIGN DATA FOR KDTH DAY BY TRANSFERRING RESERVOIR DATA TO
C****ALTERNATE ARRAYS WITH PROPER LAGS.  KDPIL IS THE DAY (KD) PLUS THE
C****LAG (IL).  LGG IS THE TRAVEL TIME FROM THE RESERVOIR TO MILNER.
C****PAN EVAPORATION (EV) AT OTHER RESERVOIRS IS BASED ON AMERICAN FALLS
C****(L=7) PAN EVAPORATION WHICH IS ESTIMATED AS 1.18 OF REFERENCE ET.
C****EVAPORATION IS ZERO BEFORE APRIL 1 (DAY 91) AND AFTER OCTOBER 31
C****(DAY 304), MILNER TIME, FOR ALL RESERVOIRS. ANY CHANGES MADE TO
C****THE EVAPORATION CALCULATION IN THIS SECTION AND SECTION 18-2 SHOULD
C****ALSO BE MADE TO THE SNKRCHGN.FOR PROGRAM FOR CONSISTENCY.
C
       DO 74 L=1,NP
       IL=LGG(L)
       KDPIL=KD+IL
       IF(KDPIL.GT.0) GO TO 79
       EV(L)=0.0
       PP(L)=0.0
       RES(L,1)=0.0
       RES(L,2)=0.0
       GO TO 74
   79 LD=JDY(KD)
       IF(FEB.LT.0.001.AND.LD.GT.59) LD=LD-1
       IF(LD.GE.91.AND.LD.LE.304) GO TO 70
       EV(L)=0.0
       PP(L)=0.0
       GO TO 313
   70 EV(L)=EVP(L,KDPIL)
       IF(L.EQ.2.OR.L.EQ.4.OR.L.EQ.6) EV(L)=0.0
       IF(EVP(7,KDPIL).GT.0.50.OR.EVP(7,KDPIL).LT.0.0)
      1EVP(7,KDPIL)=0.25
       IF(EVP(7,KDPIL).GT.0.04) THEN
             IF(L.EQ.2) EV(L)=(1.18*EVP(7,KDPIL)*0.91)-0.03
             IF(L.EQ.4) EV(L)=(1.18*EVP(7,KDPIL)*0.67)-0.03
             IF(L.EQ.6) EV(L)=(1.18*EVP(7,KDPIL)*0.95)-0.02
             ENDIF
```

```
      IF(L.EQ.7.OR.L.EQ.8) EV(L)=1.18*EVP(7,KDPIL)
      PP(L)=PPT(L,KDPIL)
  313 RES(L,2)=RSS(L,KDPIL)
      KDPIL=KDPIL-1
      IF(KDPIL.GT.0)RES(L,1)=RSS(L,KDPIL)
      IF(KDPIL.LE.0)RES(L,1)=RES(L,2)
   74 CONTINUE
C----SECTION 29-1
C****ALL RIGHTS (P) ARE PUT IN A TEMPORARY ARRAY (T) WHICH CAN BE
C****MODIFIED DURING RIGHT ALLOCATION.  FIRST THE CANAL (OR PUMP) IS
C****IDENTIFIED (J), THEN THE REACH (IR) AND THE TRAVEL TIME TO MILNER
C****(IL).  CHECK THE BEGINNING (KBG) AND ENDING (KEN) DATE FOR WHICH THE
C****RIGHT IS VALID, THEN ZERO THE RIGHT OUTSIDE OF THESE DATES.  IVV IS
C****THE NUMBER OF THE SPECIAL RIGHTS WHICH VARY WITH YEAR.  IF THE RIGHT
C****  IS ONE OF THESE, CHECK DAY (KDPIL) AND MODIFY RIGHT (T) IF NECESSARY.
C****ALSO, IF IVV IS 13,14,15,16,17,OR 18, SAVE ORDER NUMBER SO RIGHT CAN
C****BE SET EQUAL TO THE SWID DIVERSION FOR TRANSFOR TO LOWER CANALS. SEE
C****SECTION 37-1, PART 8.
C
      DO 47 L=1,NLL
      J=ICNL(L)
      IF(J.EQ.0)GO TO 47
      IF(J.LT.1)WRITE(OUT,998)ICNL(L)
  998 FORMAT(/'J IS LESS THAN 1 ICNL =',F10.0)
      IR=IRCH(J)
      IL=LGD(IR)
      KDPIL=KD+IL
      LD=JDY(KDPIL)
      FB=JYE(KDPIL)/4.0
      IFB=FB
      FB=FB-IFB
      IF(FB.LT.0.001.AND.LD.GT.59) LD=LD-1
      T(L)=P(L)
C SECTION 29-2
C****IF THE RIGHT IS A POWER RIGHT WITH NO VALUE FOR AMOUNT USED
C****(JR = -1), THEN ZERO OUT THE FLOW RIGHT.  THIS SHOULD BE CHANGED
C****WHEN WE FIGURE OUT EXACTLY HOW TO HANDLE POWER RIGHTS. RJS 9-MAR-89
C****IF THE REACH IS 8, THEN DO NOT ZERO OUT RIGHT SINCE THE MINIDOKA
C****POWER RIGHT CAUSES WATER TO FLOW PAST MILNER.
C
      IF(JR(L).EQ.-1.AND.IR.NE.8) T(L)=0.0
      IF(KBG(L).LE.0.AND.KEN(L).LE.0) GO TO 142
      IF(KBG(L).GT.KEN(L)) GO TO 69
      IF(LD.LT.KBG(L).OR.LD.GT.KEN(L)) T(L)=0.0
      GO TO 142
   69 IF(LD.LT.KBG(L).AND.LD.GT.KEN(L)) T(L)=0.0
  142 IVV=IV(L)
      IF(IVV.LE.0) GO TO 47
C
C**** ADDED 4/18/03. SWB1 AND SWB2 IS SWID WATER TRANSFERD TO BID, SWT1 AND
C****SWT1 AND SWT2 IS SWID WATER TRANSFERED TO TWIN FALLS,SWM1 AND SWM2 IS SWID
C*****TRANSFERED TO MILNER LOW LIFT.
C
      IF(IVV.GE.13.AND.IVV.LE.18)THEN
      IF(IVV.EQ.13) ISWB1=L
      IF(IVV.EQ.14) ISWT1=L
      IF(IVV.EQ.15) ISWM1=L
      IF(IVV.EQ.16) ISWB2=L
      IF(IVV.EQ.17) ISWT2=L
      IF(IVV.EQ.18) ISWM2=L
```

```
      GO TO 47
      END IF
      IF(IVV.LE.0) GO TO 47
      IF(IVV.LT.10.OR.IVV.GT.11) GO TO 94
      IF(IVV.EQ.10.AND.LD.LT.121) T(L)=0.0
      IF(IVV.EQ.11.AND.LD.GE.121) T(L)=850.0
      GO TO 47
   94 IF(LD.LT.182) GO TO 47
      IF(IVV.NE.1) GO TO 328           ! IVV=1 NOT USED V1.2
      IF(LD.GE.183.AND.LD.LE.197) T(L)=T(L)-100.
      IF(LD.GE.213) T(L)=T(L)-100.
      GO TO 47
  328 IF(IVV.NE.3) GO TO 56                ! IVV=3 NOT USED V1.2
C      IF(LD.GE.183.AND.LD.LE.197) T(L)=T(L)-50
C      IF(LD.GE.213) T(L)=T(L)-50
C CHANGED 8/16/02, APPLYS ONLY TO EGINS JUNIOR RIGHT
      IF(LD.GE.183.AND.LD.LE.197) T(L)=T(L)-100
      IF(LD.GE.213) T(L)=T(L)-100
      GO TO 47
   56 IF(IVV  .NE.6) GO TO 75          !IVV=6 IS NOT USED PRE V1.1
      IF(LD.GE.182.AND.LD.LE.196) T(L)=360.
      IF(LD.GE.213) T(L)=360.
      GO TO 47
   75 IF(IVV.EQ.2) T(L)=T(L)*0.7826    !IVV=2 NOT USED V1.2
      IF(IVV.EQ.4) T(L)=240.               !IVV=4 NOT USED V1.2
      IF(IVV.EQ.5) T(L)=7.68               !SAME T(L) AS PRE-JD 182
      IF(IVV.EQ.7) T(L)=120.               !IVV=7 NOT USED V1.2
      IF(IVV.EQ.8) T(L)=160.               !IVV=8 NOT USED V1.2
      IF(IVV.EQ.9.OR.IVV.EQ.12) T(L)=0.0  !IVV=9 NOT USED V1.2
   47 CONTINUE
C
C----SECTION 29-3
C****ADDED 4/18/03. MODIFY RD FOR I1(MINIDOKA PROJECT), I8(TWIN FALLS
C****SOUTHSIDE), AND I36(MILNER LOW LIFT) FOR SWID RIGHT TRASFER
C****FROM ABERDEEN-SPRINFIELD(I85).
C
      RD(I85)=0.0
C ADDED 10-8-2003 TO SHUT OFF DIVERSION ONCE VOUME LIMIT REACHED.
      TBID=T(ISWB1)
      TTFSS=T(ISWT1)
      TMLL=T(ISWM1)
      IF(SVL(ISWB2).GT.VRD(11))TBID=TBID+T(ISWB2)       !V1.2 VRD(12)
      IF(SVL(ISWT2).GT.VRD(12))TTFSS=TTFSS+T(ISWT2)     !V1.2 VRD(13)
      IF(SVL(ISWM2).GT.VRD(13))TMLL=TMLL+T(ISWM2)       !V1.2 VRD(14)
C      TBID=T(SWB1)+T(SWB2)
C      TTFSS=T(SWT1)+T(SWT2)
C      TMLL=T(SWM1)+T(SWM2)

      IF(DIV(I1).GE.TBID)THEN
         RD(I1)=RD(I1)-TBID
         RD(I85)=RD(I85)+TBID
         ELSE
         TBID=0.0
         ENDIF
      IF(DIV(I8).GE.TTFSS)THEN
         RD(I8)=RD(I8)-TTFSS
         RD(I85)=RD(I85)+TTFSS
         ELSE
         TTFSS=0.0
         ENDIF
```

```
      IF(DIV(I86).GE.TMLL)THEN
         RD(I86)=RD(I86)-TMLL
         RD(I85)=RD(I85)+TMLL
         ELSE
         TMLL=0.0
         ENDIF
C
C----SECTION 37-1, PART 8
C****CORRECT REACHES 6, 22, 38, 7, AND 8 FOR DIVERSION OF
C****RECHARGE WATER FOR SWID THROUGH MILNER LOW LIFT(TMLL), TWIN
C****FALLS SOUTHSIDE(TTFSS) AND MINIDOKA SOUTHSIDE(TBID).  CORRECT
C****REMAINING DIVERSION OF SWID FAKE DIVERSION(I85) AND DIVERSION
C****SITES(I1),(I8),(I86), FOR PORTION OF RIGHT NOT MET BY NATURAL
C****FLOW. DVSWID IS DAILY VOLUME OF WATER USED. AVSWID IS ANNUAL
C****VOLUME OF WATER USED.
C
      TSWID=TBID+TTFSS+TMLL
      IF(TSWID.LE.0.0)GO TO 324
      IF(RD(I85).GT.0.0)THEN
         RD(I1)=RD(I1)+(TBID/TSWID)*RD(I85)
         RD(I8)=RD(I8)+(TTFSS/TSWID)*RD(I85)
         RD(I86)=RD(I86)+(TMLL/TSWID)*RD(I85)
         TBID=(TBID/TSWID)*(TSWID-RD(I85))
         TTFSS=(TTFSS/TSWID)*(TSWID-RD(I85))
         TMLL=(TMLL/TSWID)*(TSWID-RD(I85))
         RD(I85)=0.0
         TSWID=TBID+TTFSS+TMLL
         ENDIF
      TD(6)=TD(6)-TSWID
      RF(6)=RF(6)+TSWID
      RF(22)=RF(22)+TSWID
      RF(38)=RF(38)+TSWID
      RF(7)=RF(7)+TSWID
      RF(8)=RF(8)+TTFSS+TMLL
      TD(8)=TD(8)+TBID
      TD(9)=TD(9)+TTFSS+TMLL
  324 CONTINUE
      DVSWID=TSWID*1.9835
      AVSWID=AVSWID+DVSWID
C

        923 FORMAT(1X,'SPRING CREEK:                ',F7.0,2X,'CFS')
      WRITE(OUT,924)SPCKGN
  924 FORMAT(1X,'SPRING CREEK GAIN:            ',F7.0,2X,'CFS'/)
      WRITE(OUT,925)KDSWID
  925 FORMAT(1X,'SWID START DAY OF THE YEAR:           ',I4)
      WRITE(OUT,926)TSWID
  926 FORMAT(1X,'SWID:                          ',F7.0,' CFS')
      WRITE(OUT,932)AVSWID
  932 FORMAT(1X'SWID TOTAL VOLUME:             ',F7.0,2X,'AF'/)
C  ADDED 6/30/2003 FOR MINIDOKA-MILNER GAIN ON PRINTOUT
      GMIL=AG(9)+ECH(20)
      WRITE(OUT,927)GMIL
  927 FORMAT(1X,'MINIDOKA-MILNER REACH GAIN:   ',F7.0,2X,'CFS')
      WRITE(OUT,933)RETN
  933 FORMAT(1X,'MEASURED RETURN FLOW:         ',F7.0,2X,'CFS')
      WRITE(OUT,928)ECH(20)
  928 FORMAT(1X,'MINIDOKA RETURN FLOW CREDIT:  ',F7.0,2X,'CFS')
      WRITE(OUT,929)TSE(20)
  929 FORMAT(1X,'MINIDOKA TOTAL CREDIT:        ',F7.0,2X,' AF'/)
```

```
2806 C
2807 C----SECTION 41-1, PART 1
2808 C****ADD EXCHANGE PUMPING TO PREVIOUS TOTAL TO MAINTAIN SEASONAL TOTAL.
2809 C****TOTAL ALL EXCHANGE PUMPS (TTSE(L)).  ADDED 3/26/03.
2810 C
2811       TTSE(1)=0.
2812       TSE(1)=ECH(1)*1.9835+TSE(1)
2813       TTSE(1)=TSE(1)
2814       DO 176 L=2,NEP
2815       TTSE(L)=0.
2816       TSE(L)=TSE(L)+(ECH(L)*1.9835)
2817   176 TTSE(L)=TTSE(L)+TSE(L)+TTSE(L-1)
2818 C****LIMIT MINIDOKA CREDIT TO 9000 AF ANNUALLY. ADDED 3/27/2003.
2819       IF(TSE(20).GE.9000.)TSE(20)=9000.
```

SUGGEST CHANGE

DON'T NEED - HAS ALREADY BEEN DONE IN 18-1 PART B

```
2806 C
2807 C----SECTION 41-1, PART 1
2808 C****ADD EXCHANGE PUMPING TO PREVIOUS TOTAL TO MAINTAIN SEASONAL TOTAL.
2809 C****TOTAL ALL EXCHANGE PUMPS (TTSE). ADDED 3/27/2003.
2810 C
2811       TTSE=0.
2814       DO 176 L=1,NEP
2816       TSE(L)=TSE(L)+(ECH(L)*1.9835)
2817   176 TTSE=TTSE+TSE(L)
```

REMOVE

REMOVE 3-3 PART 3

```
    DIMENSION TTSE(30)

 426       TTSE(L)=0.0

3080       GNAV=((GT(3)+GT(4)+TTSE)-(TT(9)+GT(2)+GT(6)+GT(7)+TT(17)))
3081      1-TT(12)

3117       WRITE(OUT,988)TTSE
3118   988 FORMAT(1X,'YEAR TO DATE TOTAL = ',F8.1,1X,'AF')
```

13083999

STEVE, DAVE SHAW QUESTIONED THIS PROGRAMMING - I THINK IT'S OK BUT IS BETTER AS CHANGED

BOB S.

ADD PAGES IN PC VERSION

13038047

```
C
C----SECTION 37-1, PART 7
C****CORRECT REACH 8 & 9  FOR DOWNSTREAM DIVERSION OF NATURAL FLOW BY
C****PUMPS SHARING MINIDOKA NORTHSIDE CANAL RIGHT.
C
      CORNF=RD(I1)-DIV(I68)-DIV(I69)-DIV(I70)-DIV(I71)-DIV(I72)
      IF(CORNF.LT.0.0) THEN
          TD(8)=TD(8)+CORNF
          RF(8)=RF(8)-CORNF
          TD(9)=TD(9)-CORNF
          END IF
```

CHECK FOR VALIDITY.

USGS 4-CARD

Burrell, Steve

From: Vincent, Sean
Sent: Wednesday, April 12, 2006 1:22 PM
To: Burrell, Steve; Robbins, Liz
Cc: King, Helga
Subject: RE: Water District 1 Accounting

Steve and Liz,
Can you discuss Helga's issue with each other and get back to me ASAP? Thanks.

Sean

-----Original Message-----
From: King, Helga
Sent: Wednesday, April 12, 2006 12:10 PM
To: Vincent, Sean
Subject: Water District 1 Accounting

I am not sure you are the right person but I thought that you could tell me who that person might be. I am working on the Alpha machine and am trying to change the hydromet file I pulled into the format that will be accepted by the History file (change snkhydmet.txt to snkdent.hyd) It has a problem and truncates the file after station 13038055. We have also added the following new hydromet stations to our hydromet list. I do not know if some file needs to be updated in order for this part of the program to work? The new stations added are

LACI 13038150 East Labelle
RACI 13038180 Rigby
RDWI 13038431 Reid
TLCI 13038434 Texas Liberty
SUCI 13049805 Salem Union
CFCI 13050545 consolidated Farmer
TICI 13055040 Teton Irrigation

I have attached the snkhydmet.txt file that I am trying to change.
<< File: snkhydmet.txt >> Thank you for your time
Helga

in the GSraf File change title from F to D

13057940F willow creek BL Tex creek NR RiRie
13057950R RiRie Lake NR RiRie ID
13058000F willow creek NR RiRie
13058510D sand creek AB willow creek Div NR Ucon
13058520F willow creek Floodway channel NR Ucon
13058530D willow creek BL Floodway channel NR Ucon
13058549F willow creek Floodway channel at mouth NR IDAHO Falls
13060000F Snake River NR Shelley ID
13062500F SNK River At Blackfoot
13069500F SNK River NR Blackfoot
13075500F Portneuf River At Pocatello
13075983F spring creek at sheepskin RD NR Fort Hall
13076500R American Falls Res. At American Falls
13077000F SNK River At Neeley
13081000R Lake Walcott NR minidoka
13081500F SNK River NR minidoka
13087900R Lake milner at milner Dam
13088000F SNK River at milner

USGS files that need to be pulled

13010065 SNK River AB Jackson Lake at Flagg Ranch
13010500 Jackson lake NR moran
13011000 F Snake River NR moran
13018750 F SNK River BL Flat Creek NR Jackson
13022500 F SNK River AB Reservoir NR Alpine
13023000 F Greys River AB Reservoir NR Alpine
13027500 F Salt River AB Reservoir NR ETNA
13032450 F Palisades Reservoir NR IRWin
13032500 F SNK River NR IRWin ID
13037500 F SNK River NR Heise
13038000 F Dry Bed NR Rigby
13038500 F SNK River at Lorenzo
13039000 R Henrys lake NR Lake
13039500 F Henrys Fork NR Lake
13042000 R Island park Res NR Island Park
13042500 F Henrys Fork NR Island Park
13046023 F Henrys Fork NR Ashton — NO
13046975 extra
13047500 F Falls River NR Squirrel
13049500 F Falls River NR Chester
13050500 F Henrys Fork at St Anthony
13052200 F Teton River AB South Leigh Creek NR Driggs
13055000 F Teton River NR St Anthony
13055198 F North Fork Teton River at Teton
13055340 F South Fork Teton River NR Rexburg ✓
13056500 F Henrys Fork NR Rexburg ✓
13057132 F Great Western Spillback
13057155 F SNK River AB Eagle Rock

Take out 201,000 of the amount for each entry you pull

5910.54

WILLOW CR.

Crosscut Canal

The program treats the Crosscut Canal as an off stream channel. Other than charging of loss, the operation of the Crosscut canal is exclusively physical and does not affect the water right accounting.

The Crosscut Canal diverts flow from the Henrys Fork to lands irrigated by the Fall River Canal Company and/or to the Teton River where the flow is rediverted or passes back downstream to the Henrys Fork. There are three gages on the Canal: 1) at the head, 2) below the diversion to the Fall River Canal Company, and 3) at the end. The Fall River Canal Company takes water out of the Fall River and divides it into two branches. The northern branch intersects the crosscut canal between 1) and 2). The southern branch overflows into the crosscut canal between 2) and 3).

Gages on the southern branch on each side of the crosscut canal were added in 2000. Prior to 2000, if the flow at (3) is less than (2), the difference is considered unnatural loss and is then accounted for as stored water use by the Crosscut Canal. If the flow at (3) is greater than (2), the gain is treated as a natural flow gain to the Teton River. This unfairly charged storage to Freemont-Madison instead of Fall River Canal Company.

Section16-2, part 2 of the program includes:

DIV (I9)=DIV (I10)-A (26,L)
FRCF=A (43,L)-A (42,L)
IF (FRCF.GT.0.O) DIV (I9)=DIV (I9)+FRCF
IF (DIV (I9). LT.0.0) DIV (I9)=0.0
XCUT=DIV (I10)
DIV (I10)=DIV (I10)-DIV (I9)

IF DIV(10) < 0 DIV 10 = 0

I9 is the difference between the head of the Crosscut and the middle of the Crosscut. This is the total of the North and Middle Forks of the Falls River Canal. FRCF is the amount of water spilled into the Crosscut Canal from the South Branch of the Falls River Canal. This is added to I9. The head of the Crosscut is reduced by I9, water diverted to Falls River Canal. XCUT is for the printout, Crosscut at Head. I9 is the diversion Xcut Fall River and I10 is the diversion Crosscut to Teton on the daily accounting report

Section 24-1, Part 1 of the program is:

CCWS=AF (27)
CCWT=AF (27)
IF (CCWS.GT.DIV (I10)) CCWS=DIV (I10)
G (18,1)=G (18,1)-CCWS

CCWS is the flow from the Crosscut Canal to the Teton River. CCWS is limited by the diversion at the Head of the Crosscut excluding Falls River Canal water, DIV (I10). CCWS is removed from the Teton River Near St. Anthony Reach Gain since it is not natural to that reach.

Section 27-1, Part 2 of the Program is:

RD (I17)=RD (I17)+DIV (I9)
RD (I9)=0.0

RD is initially each diversion. As each right is met by natural flow that amount is deducted so the RD = remaining diversion. The diversion of the Falls River Canal, DIV (I9) out of the Crosscut Canal is added to the remaining diversion of the Falls River Canal Company.

THERE'S A FLOW EXCHANGE & OUTLET TO FALLS RIVER

Section 37-1, Part 1 of the program is:

```
CORNF=RD (I17)-DIV (I9)
IF (CORNF.LT.0.0) THEN
        TD (16)=TD (16)+CORNF
        RF (16)=RF (16)-CORNF
        TD (17)=TD (17)-CORNF
        ENDIF
```

TD(17) = RD(17) + DM(17)

DIV (I9) = DM(I9) + RD(I9)

RD(17) = DIV(17) - DM(17)

Total reach diversion, TD, and natural flow, RF, is corrected by the Falls River Canal diversion. Reach 16 is the Falls River. Reach 17 is the reach ending at the Henry's Fork at St. Anthony Gage.

Section 38-1, Part 1 of the Program is:

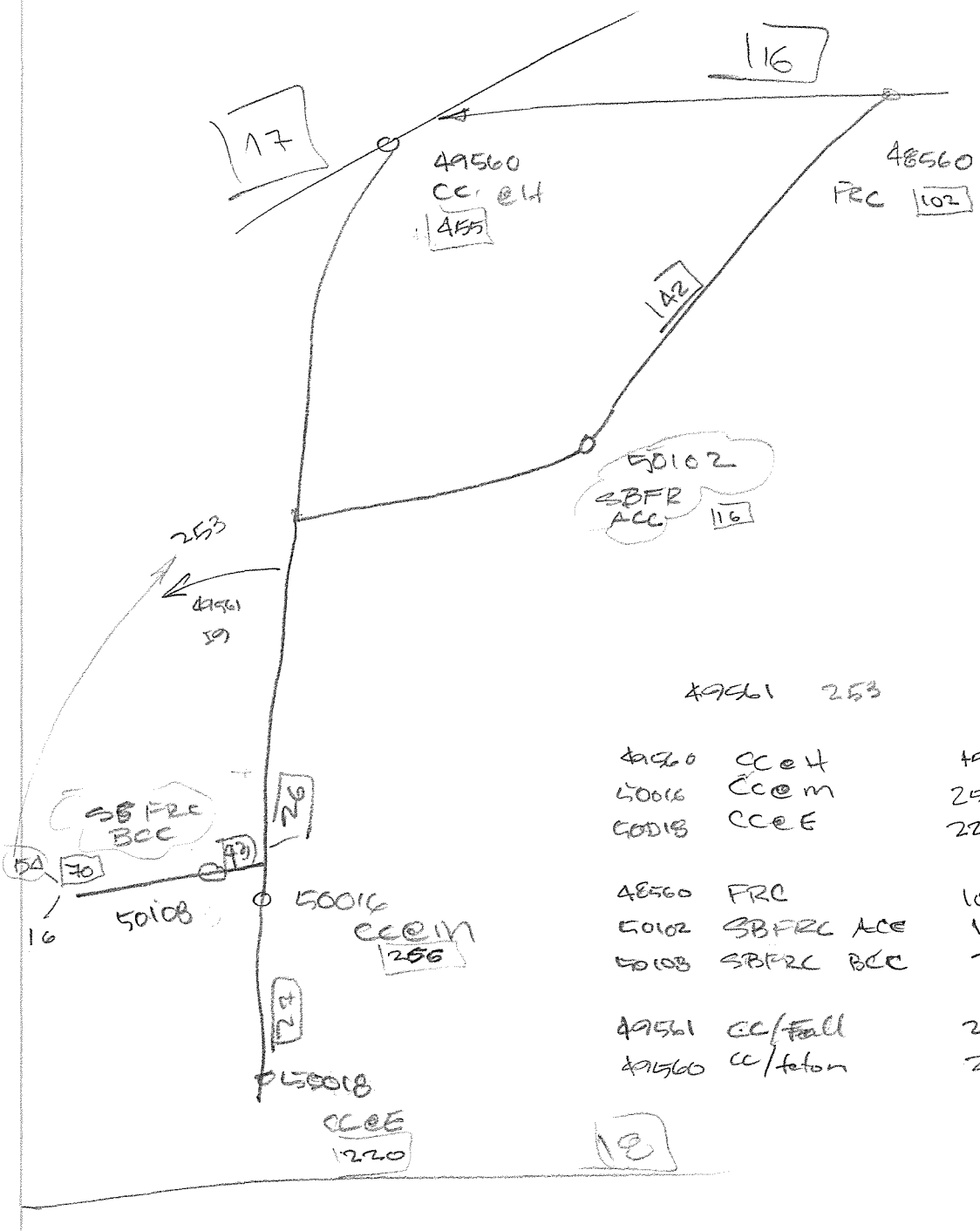
```
RD (I10)=DIV (I10)-CCWT
IF (RD (I10). LT.0.0) RD (I10)=0.0
```

RD (I10) is the remaining diversion of the Crosscut Canal is the loss between the head works and the Teton River. If the Canal Gains, then the remaining Diversion, RD (I10) is zero.

Section 38-1, Part 1 of the program is:

```
DM (I10)=0.0
```

Zero the diversion made from natural flow by the Crosscut Canal to the Teton River since it has no natural flow right and water is simply being transferred to the Teton River.



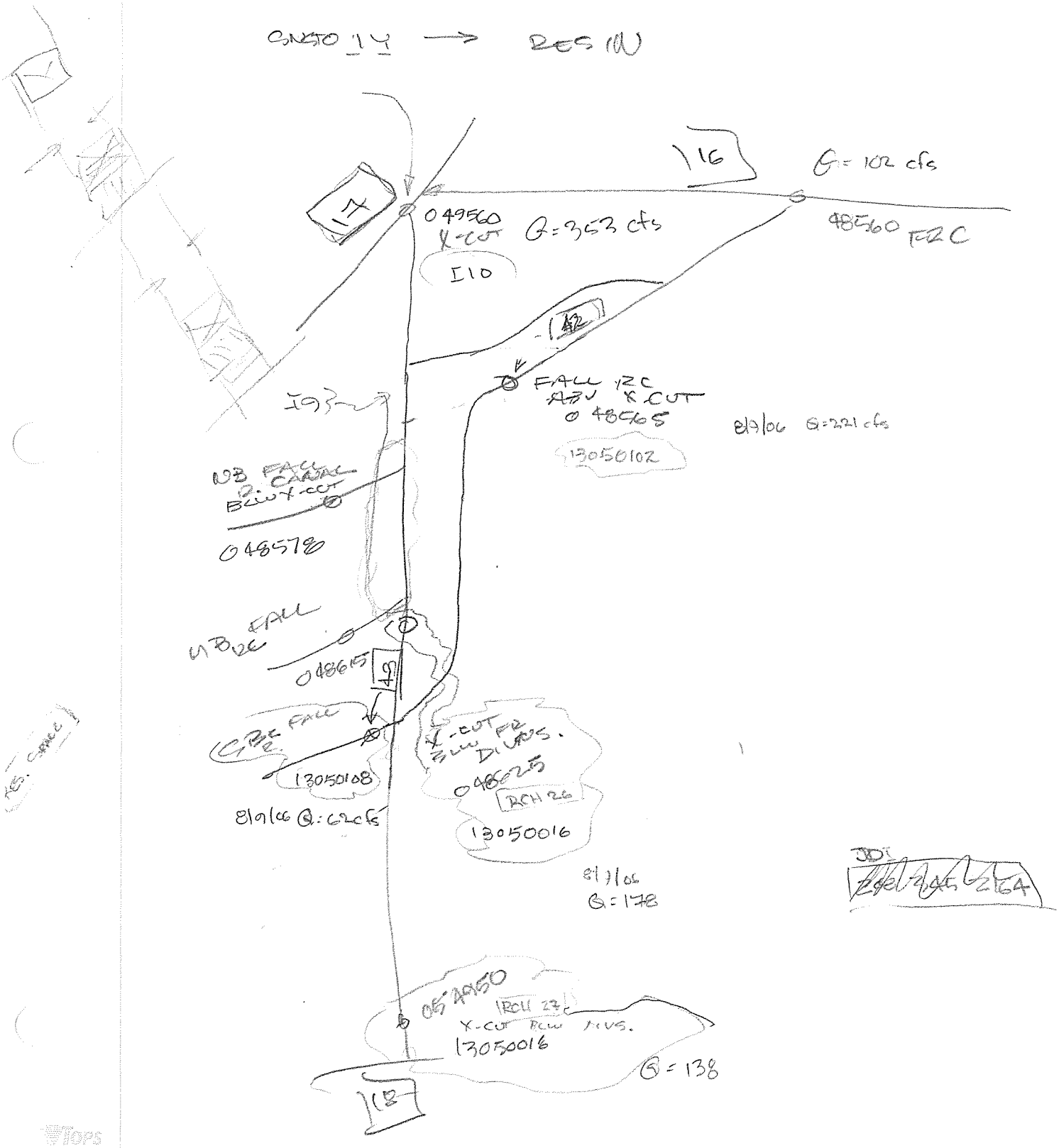
49561 253

49560	CC@H	455 ✓
50016	CC@M	256 ✓
50018	CC@E	220 ✓
48560	FRC	102 ✓
50102	SBFRC ACC	16 ✓
50108	SBFRC BCC	70
49561	CC/Fall	253
49560	CC/teton	202

IY KY = IY + 1
JY = IC - 1

RESERVOIR SPACE OR FILL:

CONSTO IY → RES (N)



2005 COMBINED CANALS

IDAHO DEPARTMENT OF WATER RESOURCES
STATE OFFICE, IDAHO WATER CENTER
BUREAU: TECHNICAL SERVICES

CALCULATION COVER SHEET
CALC. NO. : 2006-001
SECTION: HYDROLOGY

TASK

WATER RIGHT ACCOUNTING

FEATURE

UPPER SNAKE RIVER BASIN

ITEM

REVISE COMBINED CANALS FOR 2005 FINAL ACCOUNTING

SOURCES OF DATA AND DATA FILES

ORIGINAL ACCOUNTING SOURCE CODE: HYDRO:[PPACE.SNAKE]SNKWRA.FOR;97
ORIGINAL WATER RIGHTS FILE: WD:[WRDIST01]SNKWRA.RTS;239
ORIGINAL DIVERSION POINT LIST FILE: WD:[WRDIST01]SNKWRA.DPL;111
NEW ACCOUNTING SOURCE CODE FILE HYDRO:[HYDROLOGY.SOURCE]SNKWRA.FOR;100
NEW WATER RIGHTS FILE: WD:[WRDIST01]SNKWRA.RTS;241
NEW DIVERSION POINT LIST FILE: WD:[WRDIST01]SNKWRA.DPL;112

SOURCES OF FORMULAE AND REFERENCES

Email from Tony Olenichak to Steve Burrell, Jan 03, 2006, 'Programming changes needed!'

COMPUTER CODE REVISION ☒ GW HYDROLOGY CALC. ☐ SW HYDROLOGY CALC. ☐ WQ CALC. ☐

	NAME	SIGNATURE	DATE	COMMENTS
CALCULATION BY	S. Burrell			
CHECKED BY	G. Newton		01-29-06	
APPROVED BY	Bruce Tuttle			
APPROVED BY	Sean Vincent			
REVIEWED BY	Tony Olinechack			
REVIEWED BY	Lyle Swank			

IDAHO DEPARTMENT OF WATER RESOURCES				Calc. No.	2006-001
TASK Water Right Accounting				Revision	A
FEATURE Upper Snake River				Page	1 of 6
ITEM SNKWRA.FOR Revisions				Date	01/27/2006
ORIGINATOR: S. Burrell	DATE: 01/27/2006	CHECKED: G. Newton	DATE:		

PURPOSE:

1. Modify SNKWRA.FOR to incorporate changes as detailed in attached email message (page 6).

2. Modify SNKWRA.FOR to include version number to be displayed in printed output and add comment section in code with revision history.

3. Recompile code for Water District 01 use. Compile on HP-Alpha using the Compaq Fortran compiler (formerly Fortran 90 compiler).

PROCEDURE AND RESULTS:

1. Make changes to code as shown in the following page. Changes are highlited using MS Word track document changes feature, and compare SNKWRA.FOR;97 with SNKWRA.FOR;100 (pages 2-3). Also, do search on HP-Alpha

2. Revise SNKWRA.DPL file to reflect new footnotes to be used in displayed output. Footnote (11) is no longer needed for CHENEY/SUBDIVPUMP combined diversion. Pages 4 and 5 shows comparison of file versions listed on cover sheet. Only pertinent portions of files are shown.

3. Revise SNKWRA.RTS file as noted in attached email (page 6). Compare files listed on cover sheet and shown on page 5.

PROGRAMMING REVISIONS:

Add version number variable

```
C----SECTION  1-1, PART 1
C****DECLARE ALL CHARACTER DATA
C
C
      CHARACTER RUNDATE*9,VERNO*4  !REVISION HISTORY IN SEC 2-3 PART 6
      CHARACTER*49 DVNAME,DVNAM,RESNAME,RESNAM,FLONAME,FLONAM
      CHARACTER*49 UNDEF
```

Add section to Set version number, list revision history

```
C
C----SECTION  2-3, PART 6
C****SET VERSION NUMBER OF PROGRAM, LIST REVISION HISTORY
C
      VERNO='1.1'  ! 01-27-2006  S. Burrell
C
C     VER 1.1 CHANGES MADE FOR 2005 FINAL ACCTG:
C              INCORPORATE RESERVATION CANAL WATER
C                DISTRIBUTION SCHEME - BY B.SUTTER OCT-2005
C                ASSOCIATED WATER RIGHT CHANGES IN SNKWRA.RTS:
C                SWITCH 13060501 TO 13060500 - BY S. BURRELL 01-27-2006
C              UNCOMBINE ISPEC I46 AND I49, COMBINE I46 WITH
C                I121,I106,I107.  I49 IS NOW AN UNUSED ISPEC
C                REVISED FOOTNOTES IN PRINTOUT AND SNKWRA.DPL
C                TO ELIMINATE #11 CHENEY/SUBDIV PUMP -
C                BY S BURRELL 01-26-2006
C                ASSOCIATED WATER RIGHT CHANGES MADE TO
C                SNKWRA.RTS - BY T. OLENICHAK 01-26-2006
```

Make changes to combined diversions

```
C----SECTION 27-2


C ~~I46 IS CHENEY, I49 IS SUBDIV PUMP~~
      PUMP, Not a combined diversion with Cheney in 2005, VER 1.1
~~RD(I46)=RD(I46)+DIV(I49)~~
~~      RD(I49)=0.0~~



      RD(I102)=0.0
C I121 IS STEELE, I106 IS G SCOTT #1, I107 IS G SCOTT #2, I46 IS CHENEY
      RD(I121)=RD(I121)+DIV(I106)+DIV(I107)+DIV(I46)  !VER 1.1 Added Cheney
      RD(I106)=0.0
      RD(I107)=0.0
```

```
      RD(I46)=0.0
```

Printout version number in header of first page of daily output

```
C----SECTION 41-2
C****PRINT OUT REACH DATA.  FIND ACTUAL DATE (UNLAGGED) FOR WHICH DATA
C****WAS MEASURED AT EACH REACH (OM AND LDAY).
C
      CALL DATE_AND_TIME(RUNDATE)
      IF(KD.GT.NED) WRITE(OUT,165) OM(MON),LDY,JYE(KD),RUNDATE
  165 FORMAT(1H1,31X,52HWATER DISTRICT 01 - SNAKE RIVER FLOW ACCOUNTING
     1 -   ,A3,I3,1H,,I5,14H   (PROJECTED),10X,A9)
      IF(KD.LE.NED) WRITE(OUT,18) OM(MON),LDY,JYE(KD),RUNDATE
   18 FORMAT(1H1,31X,'WATER DISTRICT 01 - SNAKE RIVER FLOW ACCOUNTING
     1 -   ',A3,I3,1H,,I5,24X,A9)WRITE(OUT,165)VERNO, OM(MON),LDY,JYE(KD),RUNDATE
!VER 1.1
  165 FORMAT(1H1,27X,'WATER DISTRICT 01 - SNAKE RIVER FLOW ACCOUNTING
     1(VER ',A4,')  -   ',A3,I3,1H,,I5,14H   (PROJECTED),6X,A9)
      IF(KD.LE.NED) WRITE(OUT,18)VERNO, OM(MON),LDY,JYE(KD),RUNDATE     !VER 1.1
   18 FORMAT(1H1,27X,'WATER DISTRICT 01 - SNAKE RIVER FLOW ACCOUNTING
     1(VER ',A4,')  -   ',A3,I3,1H,,I5,16X,A9)
```

Sample output?

Revise footnotes shown on printed output

```
C----SECTION 44-1, PART 1
C****PRINT FOOTNOTES FOR SPECIAL CANALS WHOSE STORAGE IS SUMMED WITH
C****ANOTHER CANAL BECAUSE OF COMMON RIGHTS.
C
      WRITE(OUT,327)
  327 FORMAT('   STORAGE USED COMBINED WITH (1)ANDERSON, (2)DILTS,
     1 (3)W LABL & LI, (4)BUTTE & MARKET L, (5)PEOPLES, (6)NEW
     2 LAVA SIDE',/'   (7)RIVERSIDE, (8)MINIDOKA NTH S, (9)NORTHSIDE
     3TWIN F, (10)MARYSVILLE,  (11)CHENEY, (12)BRAMWELL, (13)BURGESS,
(14(11)BRAMWELL, (12)BURGESS, (13)SNAKE R VY   !VER 1.1
     4)SNAKE R VY', /'   (15)TETON IRR, (16)FALL R, (17)GREAT WESTERN4, ', /'
(14)TETON IRR, (15)FALL R, (16)GREAT WESTERN, (17)ST
     5, (18)ST ANTHONY UN, (19)NEWBY #1, (20)SQUIRREL #3, AND (21)MIL 5 ANTHONY
UN, (18)NEWBY #1, (19)SQUIRREL #3, AND (20)MIL IRRIG &
     6IRRIG & T.F.S.S.',/'   (22)WOODVILLE CANAL, (23)CLARK & EDWARDS,6
T.F.S.S.',/'   (21)WOODVILLE CANAL, (22)CLARK & EDWARDS,  (23)
     7 (24)HILL-PETTINGER, (25)STEELE, (26)BOOM CREEK PUMP, (27)L 7HILL-
PETTINGER, (24)STEELE, (25)BOOM CREEK PUMP, (26)L LOOSLI #
     8LOOSLI #3',/'   (28)WOODMANSEE-JOHNSON, (29)KITE83',/'   (27)WOODMANSEE-
JOHNSON, (28)KITE AND NORD')
```

Sample Output

COMPARE DPL FILES:

13037860	4	0	M NEWBY #2 ~~(19)~~(18)
13037880	4	0	M NEWBY #3 ~~(19)~~(18)
13038065	4	0	CHENEY (24)
13038075	4	0	G SCOTT #1 ~~(25)~~(24)
13038081	4	0	G SCOTT #2 ~~(25)~~(24)
13038084	4	0	SUBDIV PUMP ~~(11)~~
13038110	4	0	BURGESS
13038113	4	0	M H HILL ~~(28)~~(27)
13038150	4	0	EAST LABELLE
13038151	4	0	B GROVER ~~(23)~~(22)
13038180	4	0	RIGBY
13038183	4	0	K FOSTER ~~(23)~~(22)
13038360	4	0	BRAMWELL
13038362	4	0	ELLIS ~~(12)~~(11)
13038437	32	0	NELSON COREY ~~(24)~~(23)
13038438	32	0	L HILL ~~(24)~~(23)
13048070	16	0	L ORME PUMP
13048080	16	0	D ~~HARSHBARGER(26)~~HARSHBARGER(25)
13048255	16	0	SQUIR PMP #1 ~~(20)~~(19)
13048265	16	0	D ZUNDELL
13048275	16	0	L LOOSLI #3
13048280	16	0	L LOOSLI #4 ~~(27)~~(26)
13049561	17	0	XCUT FALL R ~~(16)~~(15)
13050530	10	0	ST AN U FDR ~~(18)~~(17)
13055032	19	0	D ALLEN ~~(15)~~(14)
13055033	19	0	B TUCKER ~~(15)~~(14)
13055036	19	0	B PARKER ~~(15)~~(14)
13055037	19	0	SIDDOWAY PMP ~~(15~~(14
13055039	19	0	MCKINNLEY ~~(15)~~(14)
13055040	19	0	TETON IRRIGATION
13055042	19	0	SIDDOWAY ~~(15)~~(14)
13055325	19	0	T BRUNSON ~~(28)~~(27)
13057115	5	0	L CARLSON N ~~(13)~~(12)
13057116	5	0	B TOMCHAK #2
13057117	5	0	L CARLSON S ~~(13)~~(12)
13057118	5	0	H BROWN
13057120	5	0	KINGSTON NTH
13057121	5	0	G OFFUT ~~(13)~~(12)
13057140	5	0	L HANSEN E ~~(13)~~(12)
13057141	5	0	A ZOHNER
13057142	5	0	V CENELL
13057143	5	0	M BOAM ~~(13)~~(12)

```
13057144          5   0  R MACKAY ~~(13)~~(12)
13057145          5   0  IDAHO
13057250         36   0  PORTER ~~(17)~~(16)

13059510         31   0  WOODVL PMP#1 ~~(22)~~(21)
13059515         31   0  WOODVL PMP#2 ~~(22)~~(21)
13059520         31   0  WOODVL SIPH  ~~(22)~~(21)

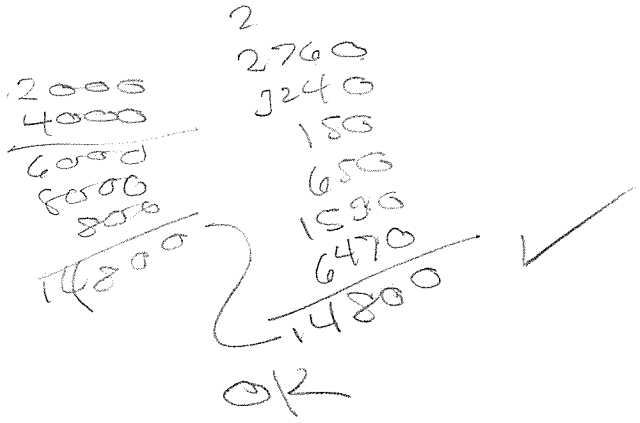
13060055          6   0  P HILL ~~(14)~~(13)

13061625          6   0  SWID ~~(21)~~(20)
```

COMPARE WATER RIGHTS FILE CHANGES (only pertinent parts of files shown)

```
18850601          ~~2200~~2350  13038050    0    0    0    0    0
18850601          6040  13038055    0    0    0    0    0
~~18850601~~          ~~800  13038065    0    0    0    0    0~~
18850601          250  13038079    0    0    0    0    0
18850601          650  13038084    0    0    0    0    0

18890602          ~~2000~~2760  13038050    0    0    0    0    0
18890602          ~~4000  13038065~~3240  13038084    0    0    0    0    0
18900601          150  13038050    0    0    0    0    0
~~800  13038065~~18900601          650  13038084    0    0    0    0    0
19160122          1580  13038050    0    0    0    0    0
~~8000 13038065~~19160122      6470 13038084  0  0  0  0  0
```



Burrell, Steve

From: Olenichak, Tony
Sent: Tuesday, January 03, 2006 10:37 AM
To: Burrell, Steve
Subject: Programming changes needed!

Steve,

I've just realized there is a programming change (due to water-right transfers received this past year) I was going to send Pam just before she left IDWR, but I can see it was never completed Could you make the change in the program? The change needs to be done within the next few weeks before we run the final accounting It involves some small pumps, the Steele and Cheney Canals. Here's an explanation on what needs to be done:

Currently in the accounting program there are special computations that: 1) combine pump diversions 13038075 (G Scott #1) and 13038081 (G Scott #2) with canal diversion 13038050 (Steele); and 2) combine pump diversion 13038084 (Subdiv pump) with canal diversion 13038065 (Cheney). These combined diversions are also referenced in Footnotes #11 and #25 of the accounting output (SNKWRA.RPT).

Diversion 13038084 (Subdiv pump) should no longer be combined with 13038065 (Cheney). It now has its own individual water rights assigned to only that one diversion.

The remaining diversions 13038050 (Steele), 13038075 (G Scott #1), 13038081 (G Scott #2), and 13038065 (Cheney), all share the same water rights and should be combined in the program

The special computations for these diversions need to be changed in the programming, footnote (11) for the SUBDIV PUMP/CHENEY needs to be removed in the accounting output report, and the same numbered footnote should be added to the STEELE/SCOTT #1/SCOTT #2/CHENEY diversions in the accounting report to show these four diversions are added together. Of course, if you delete a footnote from the accounting report, you may have to renumber every other subsequent footnote following it if you want to keep them sequential.

The following rights apply to only diversion 13038084 (Subdiv pump):
1-35C 0.65 cfs 6/1/1885 priority
1-177C 3.24 cfs 6/2/1889 priority
1-71B 0.65 cfs 6/1/1890 priority
1-10470 6.47 cfs 1/22/1916 priority

The following rights apply to diversions 13038050, 13038075, 13038081, and 13038065:
1-35A&B 2.35 cfs 6/1/1885 priority
1-177A&B 2.76 cfs 6/2/1889 priority
1-71C 0.15 cfs 6/1/1890
1-326 9.0 cfs 4/1/1939 priority
1-10017 1.53 cfs 1/22/1916 priority

I can make the cfs and priority changes in the SNKWRA.RTS file if you could make all the changes necessary in all the other files such as SNKWRA.EXE, .DPL, etc.

If you have any questions, let me know.

Thanks,
Tony

Burrell, Steve

From: Olenichak, Tony
Sent: Tuesday, January 03, 2006 10:37 AM
To: Burrell, Steve
Subject: Programming changes needed!

Steve,

I've just realized there is a programming change (due to water-right transfers received this past year) I was going to send Pam just before she left IDWR, but I can see it was never completed. Could you make the change in the program? The change needs to be done within the next few weeks before we run the final accounting. It involves some small pumps, the Steele and Cheney Canals. Here's an explanation on what needs to be done:

Currently in the accounting program there are special computations that: 1) combine pump diversions 13038075 (G Scott #1) and 13038081 (G Scott #2) with canal diversion 13038050 (Steele); and 2) combine pump diversion 13038084 (Subdiv pump) with canal diversion 13038065 (Cheney). These combined diversions are also referenced in Footnotes #11 and #25 of the accounting output (SNKWRA.RPT).

Diversion 13038084 (Subdiv pump) should no longer be combined with 13038065 (Cheney). It now has its own individual water rights assigned to only that one diversion.

The remaining diversions 13038050 (Steele), 13038075 (G Scott #1), 13038081 (G Scott #2), and 13038065 (Cheney), all share the same water rights and should be combined in the program.

The special computations for these diversions need to be changed in the programming, footnote (11) for the SUBDIV PUMP/CHENEY needs to be removed in the accounting output report, and the same numbered footnote should be added to the STEELE/SCOTT #1/SCOTT #2/CHENEY diversions in the accounting report to show these four diversions are added together. Of course, if you delete a footnote from the accounting report, you may have to renumber every other subsequent footnote following it if you want to keep them sequential.

The following rights apply to only diversion 13038084 (Subdiv pump):
1-35C 0.65 cfs 6/1/1885 priority
1-177C 3.24 cfs 6/2/1889 priority
1-71B 0.65 cfs 6/1/1890 priority
1-10470 6.47 cfs 1/22/1916 priority

The following rights apply to diversions 13038050, 13038075, 13038081, and 13038065:
1-35A&B 2.35 cfs 6/1/1885 priority
1-177A&B 2.76 cfs 6/2/1889 priority
1-71C 0.15 cfs 6/1/1890
1-326 9.0 cfs 4/1/1939 priority
1-10017 1.53 cfs 1/22/1916 priority

I can make the cfs and priority changes in the SNKWRA.RTS file if you could make all the changes necessary in all the other files such as SNKWRA.EXE, .DPL, etc.

If you have any questions, let me know.

Thanks,
Tony

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C----SECTION  2-1, PART 2
C****ISPEC = IDENTIFICATION NUMBERS OF CANALS FOR WHICH SPECIAL
C****COMPUTATIONS MUST BE MADE TO DETERMINE DIVERSION RATES TO BE
C****USED FOR WATER RIGHT ALLOCATION.
C
      DATA ISPEC/13080000,13080500,13085800,13087000,13086520,13086530,
     113086510,13087500,13049561,13049560,13037505,13037975,13038204,
     213038205,13057135,13057250,13048560,13049725,13050530,13058310,
     313058530,13058515,13057025,13057021,13057014,13057015,13052018,
     413061525,13061522,13061705,13055040,13038025,13038386,13057171,
     513038180,13061520,13061685,13058015,13058519,13038225,13038340,
     613047475,13047615,13047616,13038050,13038065,13038360,13048362,
     713038084,13038372,13038110,13057144,13059525,13060055,13057515,
     813057117,13057121,13038382,13054772,13061521,13055042,13057012,
     913061677,13037855,13037860,13037880,13048556,13084590,13084598,
     X13084610,13084720,13085390,13047474,13086512,13048060,13055178,
     113048255,13045805,13045829,13045860,13046086,13047570,13055039,
     213048551,13061625,13086000,13059505,13059510,13059515,13059520,
     313060500,13060501,13038115,13038151,13038183,13057140,13057143,
     413055205,13055295,13038436,13038437,13038438,13055263,13055295,
     513058015,13038075,13038081,13048080,13047900,13055032,13055033,
     613055036,13055037,13055039,13038363,13048280,13048275,13057013,
     713055315,13055325,13038050,13038113,13038098/
C
C----SECTION  2-1, PART 3
```

ISPEC(46)
ISPEC(49)
ISPEC(106)
ISPEC(107)
ISPEC(121)
123

18890710	833	13077755	0	0	0	0	0			
18890926	5200	13048705	0	0	0	91	305			
18891001	21400	13055315	0	0	0	0	0			
18891002	10000	13055040	0	0	0	0	0			
18900221	4800	13048275	0	0	0	0	0			
18900221	13000	~~13060501~~13060500	0	0	0	0	0			
18900301	200000	13050525	3	0						
18900401	700	13054042	0	0	122.5	105	288			
18910601	3600	13049010	0	0	0	0	0			
18910601	4800	13049015	0	0	0	0	0			
18910601	3200	13055315	0	0	0	0	0			
18910601	18000	13057135	0	0	0	0	0			
18910701	6000	13055040	0	0	0	0	0			
~~18911213~~18911214		390000	13060500	0	0	100000	0	0		
18911214	260000	~~13060501~~13060500	0	0	0	60000	0	0		
18920428	300000	13049805	4	0						
18920501	130000	13061650	0	0	0	0	0			

COMPARE: SNKWRA.RIS | 242 [illegible] ...]

w/ 239 → [illegible]

2007 STORAGE ALLOCATION

APRIL 17 -

CLOSING OF DATA
GRANBY LAKE - NO TRANSMITTER
AND BOR -

PALISADES CANAL
MAIN 1

REACH G

+ 1971.1
+ 24331.4
- 10208.4
↓ 619.4

EVERYTHING PRIOR TO APR 17 IS FLOOD CONTROL

1913

MAY 15 @ MORAN } 1913 RIGHT STILL GOOD
MAY 20 @ MILNER

48 500 SHORT ON JACKSON

25% JACKSON
75% PALISADES

3,669,741.7

APR 16 3805638.3

298 981
95200
138829
409190
73615.5
259600
45000
156830
1515760
-75877
128.32.8
1099 0.1
687303.4
10156

57839.1 3809.0421

3837507.8 = NEW APR 16

3806473.5 = OLD APR 16

Δ = 37034.3.

MARCH 19

1. —
2. —
4 —

} 847000 ∅ JACKSON

1971.1 PALISADES

2&331 LS. PARK GROSS

+10083

1&248 — LS. PPR NET

619.4 GROSS Lake

16838.5

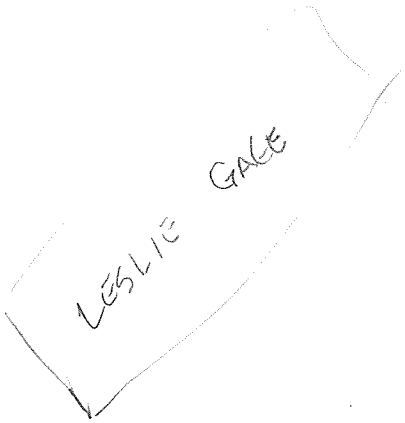
65 165

APRIL 16, 2007 Water right accounting (Milner spill ceases)

Acre-Feet	
3,759,136.8	Physical Contents (includes 34,446.2 AF in Lake Milner)
3,800,473.4	Stored (paper) Accrual
41,336.6	Shortfall allocating water in Lake Milner
75,782.8	Shortfall without allocating water in Lake Milner

APRIL 16, 2007 Water right accounting (Milner spill ceases)

Acre-Feet	
3,759,136.8	Physical Contents (includes 34,446.2 AF in Lake Milner)
3,800,473.4	Stored (paper) Accrual
41,336.6	Shortfall allocating water in Lake Milner
75,782.8	Shortfall without allocating water in Lake Milner



WATER DISTRICT 01 - SNAKE RIVER FLOW ACCOUNTING (+ 1.5PC) - MAY 19, 2007 20070525

	REACH FLOWS IN CFS		ACTUAL DATE	NATURAL FLOW	ACTUAL FLOW	RMAINING NAT FLOW	POWER FLOW	STORED RESRVOIR FLOW	NATURAL EVAP	TOTAL FLOW DIV	TOTAL RCH DIV	REACH GAIN	LAST RIGHT
1	TO MORAN		MAY 14	5759.	503.	5759.	0.	-5257.	0.	0.	0.	5759.	19210330
33	MORAN TO ALPINE		MAY 14	13585.	8328.	13585.	0.	-5257.	0.	0.	0.	7826.	19210330
34	SALT RIVER ABV RES		MAY 14	815.	815.	815.	0.	0.	0.	0.	0.	815.	19210330
35	GREYS RIVER ABV RES		MAY 14	1663.	1663.	1663.	0.	0.	0.	0.	0.	1663.	19210330
2	ALPINE TO IRWIN		MAY 15	17400.	12266.	17400.	0.	-5135.	113.	0.	0.	1338.	19210330
3	IRWIN TO HEISE		MAY 15	18524.	13340.	18475.	0.	-5135.	0.	49.	49.	1123.	19210330
4	HEISE TO BLW DRY BED	*	MAY 15	18524.	6915.	13088.	0.	-6173.	0.	5387.	5465.	0.	19210330
32	BLW DRY BED TO LORENZO		MAY 15	17742.	5565.	11661.	0.	-6096.	0.	645.	675.	-782.	19210330
11	TO HENRYS LAKE		MAY 12	60.	11.	0.	0.	11.	0.	60.	0.	60.	19170515
12	HENRYS L TO ISLAND PARK		MAY 13	706.	540.	646.	0.	-106.	63.	0.	0.	646.	19210330
13	ISLAND PARK TO ASHTON		MAY 14	1884.	1718.	1824.	0.	-106.	0.	0.	0.	1178.	19210330
30	ASHTON TO AB FALLS RIVER	*	MAY 14	1884.	1702.	1807.	0.	-106.	0.	16.	16.	0.	19210330
14	TO GRASSY LAKE		MAY 14	67.	0.	67.	0.	-67.	0.	0.	0.	67.	19210330
15	GRASSY LK TO ABV YELLOW		MAY 14	2359.	2292.	2359.	0.	-67.	0.	0.	0.	2292.	19210330
16	ABV YELLOW TO CHESTER		MAY 14	2420.	2052.	2119.	0.	-67.	0.	301.	301.	61.	19210330
17	AB FALLS R TO ST ANTHONY		MAY 14	4412.	2780.	2971.	0.	-191.	0.	1064.	1098.	108.	19210330
10	ST ANTHONY TO AB NF TETN	*	MAY 14	4412.	1977.	2168.	0.	-191.	0.	803.	803.	0.	19210330
18	AB S LEIGH TO ST ANTHONY		MAY 14	1852.	1886.	1852.	0.	34.	0.	0.	0.	1852.	19210330
19	ST ANTH TO TETON FORKS		MAY 14	1579.	713.	679.	0.	34.	0.	900.	900.	-273.	19210330
47	TETON FORKS TO MOUTH	*	MAY 14	1579.	652.	618.	0.	34.	0.	61.	61.	0.	19210330
20	AB NF TETN TO REXBURG		MAY 15	6157.	2794.	2952.	0.	-157.	0.	0.	0.	165.	19210330
21	LORENZO TO MENAN	*	MAY 15	23898.	8035.	14289.	0.	-6254.	0.	324.	324.	0.	19210330
5	MENAN TO NR IDAHO FALLS		MAY 15	23159.	6941.	12144.	0.	-5203.	0.	1406.	1407.	-739.	19210330
36	NR ID FALLS TO AB WLW CR	*	MAY 15	23159.	6623.	11826.	0.	-5203.	0.	318.	318.	0.	19210330
23	WILLOW CRK BLW TEX CREEK		MAY 15	88.	88.	88.	0.	0.	0.	0.	0.	88.	19210330
24	BLW TEX CREEK TO NR RIRI		MAY 15	88.	35.	88.	0.	-53.	12.	0.	0.	0.	19210330
25	NR RIRIE TO FDWY NR UCON		MAY 15	83.	2.	55.	0.	-53.	0.	28.	592.	-5.	19210330
28	FDWY NR UCON TO END	*	MAY 15	83.	2.	55.	0.	-53.	0.	0.	0.	0.	19210330
31	WILLOW CRK TO SHELLEY		MAY 16	23106.	5830.	11226.	0.	-5396.	0.	519.	519.	-136.	19210330
6	SHELLEY TO AT BLACKFOOT		MAY 16	22746.	2229.	7611.	0.	-5382.	0.	3255.	3329.	-360.	19210330
22	AT BLKFOOT TO BLW BLKFT	*	MAY 16	22746.	2101.	7483.	0.	-5382.	0.	128.	128.	0.	19210330
38	BLW BLKFT TO NR BLKFOOT		MAY 17	22629.	1752.	7366.	0.	-5614.	0.	0.	0.	-117.	19210330
39	PORTNUEF R AT POCATELLO		MAY 17	118.	118.	118.	0.	0.	0.	0.	0.	118.	19210330
7	NR BLACKFOOT TO NEELEY		MAY 18	24126.	10125.	8863.	0.	1262.	86.	0.	90.	1378.	19210330
8	NEELEY TO MINIDOKA		MAY 18	24402.	7835.	6615.	0.	1221.	101.	2524.	2524.	276.	19210330
9	MINIDOKA TO MILNER		MAY 19	24429.	216.	0.	0.	216.	0.	6642.	8050.	27.	19210330
										TOTALS	24429.	26649.	24429.

* - INDICATES FLOW ESTIMATED, NOT MEASURED

	RESERVOIR	PREVIOUS AF	CURRNT AF	CHNG CFS	ACCRD CFS	TOTAL AF	EVAP AF
1	JACKSON LAKE	779703.0	790235.0	5309.8	56,765.0	847000.0	0.0
2	PALISADES	1068895.0	1066923.0	-994.2	81. 0.0	985146.5	4804.4
3	HENRYS LAKE	86400.0	86400.0	0.0	60.4	84824.7	0.0
4	ISLAND PARK	134878.0	135125.0	124.5	0.0	112256.3	1164.6
5	GRASSY LAKE	14717.2	14846.6	65.2	0.0	11609.5	0.0
6	RIRIE	64812.9	64906.0	46.9	0.0	57011.3	522.4
7	AMERICAN FALLS	1430791.0	1415589.0	-7664.2	0.0	1672590.0	3771.5
8	LAKE WALCOTT	94364.3	94245.1	-60.1	0.0	95200.0	4487.3
9	LAKE MILNER	35992.7	35918.2	-37.6	0.0	0.0	0.0
	TOTAL	3710554.1	3704187.9	-3209.6	60.4	3865638.3	14750.2

		CHANGE IN CONTENT	STORAGE DIVERTED	STO PAST MILNER	TOTAL STORED	UNACCT STORED	AM FALLS GAIN DIFF
	YEAR-TO-DATE AF	1712039.9	102889.4	15361.8	3865638.5	34446.2	-3564.6

PRIORITY	RESERVOIR	AF RIGHT	AF STORED
1	JACKSON LAKE	298981.0	298981.0
2	LAKE WALCOTT	95200.0	95200.0
3	JACKSON LAKE	138829.0	138829.0
4	JACKSON LAKE	409190.0	409190.0
5	HENRYS LAKE	79350.0	74174.7
6	PALISADES	259600.0	259600.0
7	ISLAND PARK	45000.0	45000.0
8	AMERICAN FALLS	156830.0	156830.0
9	AMERICAN FALLS	1515760.0	1515760.0
10	ISLAND PARK	90000.0	67256.3
11	GRASSY LAKE	15204.0	11609.5
12	PALISADES	940400.0	725546.5
13	HENRYS LAKE	10650.0	10650.0
14	RIRIE	80500.0	57011.3
15	AMERICAN FALLS	0.0	0.0
16	PALISADES	0.0	0.0

WATER DISTRICT 01 - SNAKE RIVER FLOW ACCOUNTING (VER 1.5PC) - APR 16, 2007 20070525

	REACH FLOWS IN CFS		ACTUAL DATE	NATURAL FLOW	ACTUAL FLOW	REMAINING NAT FLOW	POWER FLOW	STORED FLOW	RESRVOIR EVAP	NATURAL FLOW DIV	TOTAL RCH DIV	REACH GAIN	LAST RIGHT
1	TO MORAN		APR 11	988.	498.	988.	0.	-489.	0.	0.	0.	988.	19390728
33	MORAN TO ALPINE		APR 11	2812.	2323.	2812.	0.	-489.	0.	0.	0.	1825.	19390728
34	SALT RIVER ABV RES		APR 11	753.	753.	753.	0.	0.	0.	0.	0.	753.	19390728
35	GREYS RIVER ABV RES		APR 11	535.	535.	535.	0.	0.	0.	0.	0.	535.	19390728
2	ALPINE TO IRWIN		APR 12	4441.	1141.	2048.	0.	-908.	58.	2393.	0.	341.	19390728
3	IRWIN TO HEISE		APR 12	5039.	1738.	2646.	0.	-908.	0.	0.	0.	598.	19390728
4	HEISE TO BLW DRY BED	*	APR 12	5039.	1738.	2646.	0.	-908.	0.	0.	0.	0.	19390728
32	BLW DRY BED TO LORENZO		APR 12	4244.	959.	1851.	0.	-891.	0.	0.	0.	-795.	19390728
11	TO HENRYS LAKE		APR 9	51.	18.	0.	0.	18.	0.	51.	0.	51.	19170515
12	HENRYS L TO ISLAND PARK		APR 10	780.	542.	0.	0.	542.	28.	729.	0.	729.	19350314
13	ISLAND PARK TO ASHTON		APR 11	2051.	1813.	1271.	0.	542.	0.	0.	0.	1271.	19390728
30	ASHTON TO AB FALLS RIVER	*	APR 11	2051.	1782.	1240.	0.	542.	0.	30.	30.	0.	19390728
14	TO GRASSY LAKE		APR 11	10.	0.	0.	0.	0.	0.	10.	0.	10.	19360213
15	GRASSY LK TO ABV YELLOW		APR 11	924.	914.	914.	0.	0.	0.	0.	0.	914.	19390728
16	ABV YELLOW TO CHESTER		APR 11	934.	866.	866.	0.	0.	0.	58.	58.	10.	19390728
17	AB FALLS R TO ST ANTHONY		APR 11	3007.	2341.	1800.	0.	541.	0.	330.	353.	23.	19390728
10	ST ANTHONY TO AB NF TETN	*	APR 11	3007.	1934.	1393.	0.	541.	0.	407.	407.	0.	19390728
18	AB S LEIGH TO ST ANTHONY		APR 11	699.	722.	699.	0.	23.	0.	0.	0.	699.	19390728
19	ST ANTH TO TETON FORKS		APR 11	503.	268.	245.	0.	23.	0.	257.	257.	-197.	19390728
47	TETON FORKS TO MOUTH	*	APR 11	503.	268.	245.	0.	23.	0.	1.	1.	0.	19390728
20	AB NF TETN TO REXBURG		APR 12	3681.	2373.	1809.	0.	564.	0.	0.	0.	171.	19390728
21	LORENZO TO MENAN	*	APR 12	7925.	3333.	3659.	0.	-327.	0.	0.	0.	0.	19390728
5	MENAN TO NR IDAHO FALLS		APR 12	7845.	3078.	3506.	0.	-428.	0.	74.	74.	-80.	19390728
36	NR ID FALLS TO AB WLW CR	*	APR 12	7845.	3078.	3506.	0.	-428.	0.	0.	0.	0.	19390728
23	WILLOW CRK BLW TEX CREEK		APR 12	183.	183.	183.	0.	0.	0.	0.	0.	183.	19390728
24	BLW TEX CREEK TO NR RIRI		APR 12	183.	0.	183.	0.	-183.	6.	0.	0.	0.	19390728
25	NR RIRIE TO FDWY NR UCON		APR 12	183.	0.	183.	0.	-183.	0.	0.	0.	0.	19390728
28	FDWY NR UCON TO END	*	APR 12	183.	0.	183.	0.	-183.	0.	0.	0.	0.	19390728
31	WILLOW CRK TO SHELLEY		APR 13	7921.	2882.	3567.	0.	-685.	0.	16.	16.	-107.	19390728
6	SHELLEY TO AT BLACKFOOT		APR 13	7533.	2115.	2666.	0.	-551.	0.	513.	513.	-388.	19390728
22	AT BLKFOOT TO BLW BLKFT	*	APR 13	7533.	2115.	2666.	0.	-551.	0.	0.	0.	0.	19390728
38	BLW BLKFT TO NR BLKFOOT		APR 14	7310.	1890.	2442.	0.	-552.	0.	0.	0.	-223.	19390728
39	PORTNUEF R AT POCATELLO		APR 14	298.	298.	298.	0.	0.	0.	0.	0.	298.	19390728
7	NR BLACKFOOT TO NEELEY		APR 15	9405.	4517.	4511.	0.	7.	42.	27.	27.	1797.	19390728
8	NEELEY TO MINIDOKA		APR 15	9177.	3582.	3484.	0.	97.	49.	798.	798.	-228.	19390728
9	MINIDOKA TO MILNER		APR 16	9202.	336.	0.	0.	336.	0.	3510.	3510.	25.	19390728

* - INDICATES FLOW ESTIMATED, NOT MEASURED TOTALS 9202. 6043. 9202.

	RESERVOIR	PREVIOUS AF	CURRNT AF	CHNG CFS	ACCRD CFS	TOTAL AF	EVAP AF
1	JACKSON LAKE	643106.0	643834.0	367.0	0.0	847000.0	0.0
2	PALISADES	1036811.0	1041993.0	2612.6	2392.9	946903.4	1588.1
3	HENRYS LAKE	84265.5	84265.5	0.0	50.8	82853.6	0.0
4	ISLAND PARK	120647.0	120877.0	116.0	729.2	87924.9	498.7
5	GRASSY LAKE	12818.3	12832.8	7.3	9.5	10990.1	0.0
6	RIRIE	57528.9	57839.1	156.4	0.0	57011.3	182.5
7	AMERICAN FALLS	1670000.0	1667392.0	-1314.8	0.0	1672590.0	1333.5
8	LAKE WALCOTT	95418.2	95657.2	120.5	0.0	95200.0	1592.7
9	LAKE MILNER	33984.0	34446.2	233.0	0.0	0.0	0.0
	TOTAL	3754578.9	3759136.8	2297.9	3182.4	3800473.4	5195.4

	CHANGE IN CONTENT	STORAGE DIVERTED	STO PAST MILNER	TOTAL STORED	UNACCT STORED	AM FALLS GAIN DIFF
YEAR-TO-DATE AF	1766988.8	~~1136.1~~ 0	~~38526.5~~ 0	3800473.5	18388.8	-3020.1

	PRIORITY	RESERVOIR	AF RIGHT	AF STORED
	1	JACKSON LAKE	298981.0	298981.0 - FULL
	2	LAKE WALCOTT	95200.0	95200.0 - FULL
	3	JACKSON LAKE	138829.0	138829.0 - FULL
	4	JACKSON LAKE	409190.0	409190.0 - FULL
	5	HENRYS LAKE	79350.0	72203.6
	6	PALISADES	259600.0	259600.0 - FULL
	7	ISLAND PARK	45000.0	45000.0 - FULL
	8	AMERICAN FALLS	156830.0	156830.0 - FULL
	9	AMERICAN FALLS	1515760.0	1515760.0 - FULL
	10	ISLAND PARK	90000.0	42924.9
	11	GRASSY LAKE	15204.0	10990.1
	12	PALISADES	940400.0	687303.4
	13	HENRYS LAKE	10650.0	10650.0 - FULL
	14	RIRIE	80500.0	57011.3
	15	AMERICAN FALLS	0.0	0.0
	16	PALISADES	0.0	0.0

APRIL 16, 2007 Water right accounting (Milner spill ceases)

Acre-Feet	
3,759,136.8	Physical Contents (includes 34,446.2 AF in Lake Milner)
3,800,473.4	Stored (paper) Accrual
41,336.6	Shortfall allocating water in Lake Milner
75,782.8	Shortfall without allocating water in Lake Milner

MAY 19, 2007 Water Right Accounting (Last day of reservoir accrual)

Reservoir Right	AF Stored	
Jackson	847,000.0	full
Palisades WWS	259,600.0	full
Palisades 1939	725,546.5	full
Henrys - 1917	74,174.7	full
Henrys - 1965	10,650.0	full
Island Park - 1921	45,000.0	full
Island Park - 1935	67,256.3	full
Grassy	11,609.5	full
Ririe	57,011.3	full
Amer Falls	1,672,590.0	full
Walcott	95,200.0	full

Total Accrual Stored	3,865,638.3
Unnacct Stored	34,446.2
Total Paper Stored 5/19/07	3,900,084.5
Physical Contents on 5/19/07	3,704,187.9
Storage used thru 5/19/07	102,889.4
Storage Past Milner 5/19/07	15,361.8
Total Allocable Storage 5/19/07	3,822,439.1
Shortfall	-77,645.4

APR - JUL

2002 2705 + 2664.4 -

1-FEB-2005

APR - MAY Qinf

MAY - JUL Qinf

2005 APR - JUL 2340

2006 APR - JUL 3950

378 5273

Storage

MAY 22, 2007

Run 58, File

MERRIS CREEK 1917

GERSEY LAKE 1936

19

25th or 29th

JACKSON ✓

Walcott ✓

Merrys ✓

tributaries ✓

Isl. + Grassy ✓

River ✓

Merrys ✓

.33833

.800762

.590

1.738 → NEW RULES #5

WATER DISTRICT 01 - SNAKE RIVER FLOW ACCOUNTING (VER 1.5PC) - NOV 2, 2006 20070525

	REACH FLOWS IN CFS		ACTUAL DATE	NATURAL FLOW	ACTUAL RMAINING FLOW NAT FLOW	POWER FLOW	STORED RESRVOIR FLOW	EVAP	NATURAL FLOW DIV	TOTAL RCH DIV	REACH GAIN	LAST RIGHT
1	TO MORAN		OCT 28	255.	501. 0.	0.	501.	0.	255.	0.	255.	19060823
33	MORAN TO ALPINE		OCT 28	1824.	2070. 1569.	0.	501.	0.	0.	0.	1569.	19210329
34	SALT RIVER ABV RES		OCT 28	557.	557. 557.	0.	0.	0.	0.	0.	557.	19210329
35	GREYS RIVER ABV RES		OCT 28	307.	307. 307.	0.	0.	0.	0.	0.	307.	19210329
2	ALPINE TO IRWIN		OCT 29	2908.	2000. 987.	0.	1013.	0.	1666.	0.	220.	19210329
3	IRWIN TO HEISE		OCT 29	3328.	2420. 1407.	0.	1013.	0.	0.	0.	420.	19210329
4	HEISE TO BLW DRY BED	*	OCT 29	3328.	1434. 594.	0.	840.	0.	813.	813.	0.	19210329
32	BLW DRY BED TO LORENZO		OCT 29	2847.	836. 0.	0.	836.	0.	113.	113.	-481.	19210329
11	TO HENRYS LAKE		OCT 26	17.	17. 0.	0.	17.	0.	17.	0.	17.	19170515
12	HENRYS L TO ISLAND PARK		OCT 27	501.	317. 0.	0.	317.	0.	484.	0.	484.	19210329
13	ISLAND PARK TO ASHTON		OCT 28	1394.	1210. 893.	0.	317.	0.	0.	0.	893.	19210329
30	ASHTON TO AB FALLS RIVER	*	OCT 28	1394.	1210. 893.	0.	317.	0.	0.	0.	0.	19210329
14	TO GRASSY LAKE		OCT 28	4.	0. 4.	0.	-4.	0.	0.	0.	4.	19210329
15	GRASSY LK TO ABV YELLOW		OCT 28	624.	620. 624.	0.	-4.	0.	0.	0.	620.	19210329
16	ABV YELLOW TO CHESTER		OCT 28	625.	566. 571.	0.	-5.	0.	53.	55.	1.	19210329
17	AB FALLS R TO ST ANTHONY		OCT 28	2014.	1560. 1278.	0.	282.	0.	181.	207.	-5.	19210329
10	ST ANTHONY TO AB NF TETN	*	OCT 28	2014.	1315. 1033.	0.	282.	0.	245.	245.	0.	19210329
18	AB S LEIGH TO ST ANTHONY		OCT 28	535.	560. 535.	0.	25.	0.	0.	0.	535.	19210329
19	ST ANTH TO TETON FORKS		OCT 28	406.	284. 259.	0.	25.	0.	148.	148.	-128.	19210329
47	TETON FORKS TO MOUTH	*	OCT 28	406.	281. 255.	0.	25.	0.	3.	3.	0.	19210329
20	AB NF TETN TO REXBURG		OCT 29	2765.	1940. 1633.	0.	307.	0.	0.	0.	345.	19210329
21	LORENZO TO MENAN	*	OCT 29	5612.	2732. 1589.	0.	1143.	0.	44.	44.	0.	19210329
5	MENAN TO NR IDAHO FALLS		OCT 29	6239.	3530. 2215.	0.	1315.	0.	0.	0.	627.	19210329
36	NR ID FALLS TO AB WLW CR	*	OCT 29	6239.	3530. 2215.	0.	1315.	0.	0.	0.	0.	19210329
23	WILLOW CRK BLW TEX CREEK		OCT 29	50.	50. 50.	0.	0.	0.	0.	0.	50.	19210329
24	BLW TEX CREEK TO NR RIRI		OCT 29	50.	304. 50.	0.	254.	0.	0.	0.	0.	19210329
25	NR RIRIE TO FDWY NR UCON		OCT 29	41.	295. 37.	0.	258.	0.	4.	117.	-9.	19210329
28	FDWY NR UCON TO END	*	OCT 29	41.	295. 37.	0.	258.	0.	0.	0.	0.	19210329
31	WILLOW CRK TO SHELLEY		OCT 30	6368.	3790. 2341.	0.	1449.	0.	0.	0.	89.	19210329
6	SHELLEY TO AT BLACKFOOT		OCT 30	5980.	3350. 1878.	0.	1472.	0.	75.	75.	-388.	19210329
22	AT BLKFOOT TO BLW BLKFT	*	OCT 30	5980.	3326. 1854.	0.	1472.	0.	24.	24.	0.	19210329
38	BLW BLKFT TO NR BLKFOOT		OCT 31	6017.	3250. 1891.	0.	1359.	0.	0.	0.	37.	19210329
39	PORTNUEF R AT POCATELLO		OCT 31	240.	240. 240.	0.	0.	0.	0.	0.	240.	19210329
7	NR BLACKFOOT TO NEELEY		NOV 1	8650.	349. 2761.	0.	-2412.	0.	1763.	0.	2393.	19210329
8	NEELEY TO MINIDOKA		NOV 1	8882.	493. 0.	493.	0.	0.	2500.	0.	232.	19210329
9	MINIDOKA TO MILNER		NOV 2	9065.	673. 677.	0.	-4.	0.	0.	1.	184.	20030717

* - INDICATES FLOW ESTIMATED, NOT MEASURED TOTALS 8389. 1845. 9065.

	RESERVOIR	PREVIOUS AF	CURRNT AF	CHNG CFS	ACCRD CFS	TOTAL AF	EVAP AF
1	JACKSON LAKE	631086.0	630851.0	-118.5	255.1	796570.0	0.0
2	PALISADES	588510.0	590776.0	1142.4	1665.9	743862.5	0.0
3	HENRYS LAKE	85600.0	85600.0	0.0	17.0	68439.7	0.0
4	ISLAND PARK	83899.0	84204.0	153.8	484.3	34103.2	0.0
5	GRASSY LAKE	10851.0	10862.0	5.5	0.0	10846.0	0.0
6	RIRIE	39100.0	39056.0	-22.2	0.0	55356.1	0.0
7	AMERICAN FALLS	498087.0	506855.0	4420.5	1762.6	292045.8	0.0
8	LAKE WALCOTT	40060.0	40267.1	104.4	2500.0	17603.3	0.0
9	LAKE MILNER	25637.3	25636.0	-0.7	0.0	0.0	0.0
	TOTAL	2002830.3	2014107.1	5685.3	6684.9	2018826.6	0.0

	CHANGE IN CONTENT	STORAGE DIVERTED	STO PAST MILNER	TOTAL STORED	UNACCT STORED	AM FALLS GAIN DIFF
YEAR-TO-DATE AF	21959.1	11.4	995.2	2018826.7	786.7	-998.4

PRIORITY	RESERVOIR	AF RIGHT	AF STORED
1	JACKSON LAKE	298981.0	280259.5
2	LAKE WALCOTT	95200.0	17603.3
3	JACKSON LAKE	138829.0	138829.0
4	JACKSON LAKE	409190.0	377481.5
5	HENRYS LAKE	79350.0	57789.7
6	PALISADES	259600.0	124871.3
7	ISLAND PARK	45000.0	1953.7
8	AMERICAN FALLS	156830.0	57681.7
9	AMERICAN FALLS	1515760.0	234364.1
10	ISLAND PARK	90000.0	32149.5
11	GRASSY LAKE	15204.0	10846.0
12	PALISADES	940400.0	618991.2
13	HENRYS LAKE	10650.0	10650.0
14	RIRIE	80500.0	55356.1
15	AMERICAN FALLS	0.0	0.0
16	PALISADES	0.0	0.0

DIVERSION DATA - NOV 2, 20070525

DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG	DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG	DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG
1 P BIRD	0	0	0	0	113 L FRANSEN (29)	0	0	0	0	225 N FULLMER	0	0	0	0
2 BOY SCOUT PUMP	0	0	0	0	114 L BRATT	0	0	0	0	226 D BOYCE	0	0	0	0
3 A ROSTAD	0	0	0	0	115 L LOOSLI #1	0	0	0	0	227 B TOMCHAK #1	0	0	0	0
4 R ROSE	0	0	0	0	116 DEWEY	0	0	0	0	228 C BOYCE	0	0	0	0
5 PALISADES CANAL	0	0	0	0	117 J SEELEY	0	0	0	0	229 STIENKE-MURDOCK	0	0	0	0
6 J FLEMING	0	0	0	0	118 YELLOWSTONE	0	0	0	0	230 L CARLSON N (12)	0	0	0	0
7 MERT OGDEN	0	0	0	0	119 ATCHLEY PMPS (10	0	0	0	0	231 B TOMCHAK #2	0	0	0	0
8 LYNN DIXON	0	0	0	0	120 MARYSVILLE	0	0	0	0	232 L CARLSON S (12)	0	0	0	0
9 J CHICK	0	0	0	0	121 F & L GRIFFEL	0	0	0	0	233 H BROWN	0	0	0	0
10 L JACOBSON	0	0	0	0	122 R BAUM	0	0	0	0	234 KINGSTON NTH	0	0	0	0
11 I SPAULDING (TR)	0	0	0	0	123 G/6 (10)	0	0	0	0	235 G OFFUT (12)	0	0	0	0
12 B FOSTER	0	0	0	0	124 FARMERS OWN	22	2	7	-7	236 KINGSTON STH	0	0	0	0
13 ANDERSON	0	0	0	0	125 W SCAFE	0	0	0	0	237 BEAR ISL NORTH	0	0	0	0
14 M & M CATTLE (S)	0	0	0	0	126 R STURM #2 (10)	0	0	0	0	238 BEAR ISL WEST	0	0	0	0
15 M NEWBY #1	0	0	0	0	127 R STURM #1 (10)	0	0	0	0	239 OSGOOD	0	0	0	0
16 M NEWBY #2 (18)	0	0	0	0	128 M GRIFFEL	0	0	0	0	240 CLEMENTS	0	0	0	0
17 M NEWBY #3 (18)	0	0	0	0	129 L LOOSLI #2	0	0	0	0	241 KENNEDY	0	0	0	0
18 EAGLE ROCK (1)	323	0	0	0	130 C MALOUF	0	0	0	0	242 GREAT WESTERN	0	0	0	0
19 FARMERS FRIEND	0	0	0	0	131 CONANT CR CANAL	0	0	0	0	243 L HANSEN E (12)	0	0	0	0
20 ENTERPRIZE	0	0	0	0	132 K NYBORG	0	0	0	0	244 A ZOHNER	0	0	0	0
21 C HICKMAN	0	0	0	0	133 BOOM CR CANAL	0	0	0	0	245 V CENELL	0	0	0	0
22 BUTLER ISLAND	8	0	0	0	134 ORME CANAL	0	0	0	0	246 M BOAM (12)	0	0	0	0
23 ROSS AND RAND	0	0	0	0	135 SQUIR PMP #3	0	0	0	0	247 R MACKAY (12)	0	0	0	0
24 STEELE	0	0	0	0	136 L ORME PUMP	0	0	0	0	248 IDAHO	0	0	0	0
25 HARRISON	0	0	0	0	137 D HARSHBARGER(25	0	0	0	0	249 PORTER (16)	0	0	0	0
26 CHENEY (24)	0	0	0	0	138 SQUIR PMP #1 (19	0	0	0	0	250 LOERTSCHER	0	0	0	0
27 G SCOTT #1 (24)	0	0	0	0	139 D ZUNDELL (23)	0	0	0	0	251 BOYD FOSTER	0	0	0	0
28 J BROWN	0	0	0	0	140 L LOOSLI #3	0	0	0	0	252 SCHWENDIMAN	0	0	0	0
29 BUTLER ISL #2	0	0	0	0	141 L LOOSLI #4 (26)	0	0	0	0	253 LOVELL # 1	0	0	0	0
30 G SCOTT #2 (24)	0	0	0	0	142 D BUDGE	0	0	0	0	254 FERGUSON	0	0	0	0
31 SUBDIV PUMP	0	0	0	0	143 J HILL (23)	0	0	0	0	255 LOVELL # 2	0	0	0	0
32 RUDY	0	0	0	0	144 D REYNOLDS	0	0	0	0	256 W REED #1	0	0	0	0
33 LOWDER SLOUGH	11	0	0	0	145 C LOOSLI	0	0	0	0	257 SARGENT & SUMMRS	0	0	0	0
34 KITE & NORD	0	0	0	0	146 T POTTER	0	0	0	0	258 DURTSCHI PUMPS	0	0	0	0
35 BURGESS	0	0	0	0	147 ENTERPRISE	0	0	0	0	259 W REED #2	0	0	0	0
36 M H HILL	0	0	0	0	148 R D MILLER	0	0	0	0	260 FOSTER-SARGENT P	0	0	0	0
37 CLARK & EDWARDS	0	0	0	0	149 C ATCHLEY (10)	0	0	0	0	261 SPERRY	0	0	0	0
38 CROFT	0	0	0	0	150 W C DAVIS (10)	0	0	0	0	262 ORVAL AVERY	1	0	0	0
39 A ZAUGG	0	0	0	0	151 FALL RIVER CANAL	15	0	0	0	263 ROY AVERY	0	0	0	0
40 G HOLMAN	0	0	0	0	152 CHESTER	10	0	0	0	264 STUCKI PUMPS	0	0	0	0
41 G MUMA	0	0	0	0	153 MCBEE	0	0	0	0	265 SCHWENDIMAN #2	0	0	0	0
42 EAST LABELLE	45	0	0	0	154 SILKEY	0	0	0	0	266 ROY COOPER SAND	0	0	0	0
43 B GROVER (22)	0	0	0	0	155 CURR	8	0	0	0	267 ROY COOPER WILL	0	0	0	0
44 RIGBY	79	0	0	0	156 RLF PUMP	0	0	0	0	268 D KEELER	0	0	0	0
45 K FOSTER (22)	0	0	0	0	157 L LOOSLI #5	0	0	0	0	269 PROGRESSIVE SAND	84	0	0	0
46 WHITE ISLAND	0	0	0	0	158 G BLANCHARD	0	0	0	0	270 BEAN	0	0	0	0
47 DILTS LATERAL (2	0	0	0	0	159 LAST CHANCE	22	0	0	0	271 W & O COOPER	0	0	0	0
48 DILTS	0	0	0	0	160 CROSSCUT TO TETN	25	0	0	0	272 IDAHO FR SAND CK	4	0	0	0
49 ISLAND	58	0	0	0	161 XCUT FALL R (15)	0	0	0	0	273 DEMICK	0	0	0	0
50 W LABELLE & LG I	128	0	0	0	162 FARMERS FRIEND	28	0	0	0	274 PROGRESSIVE WILL	28	0	0	0
51 PARKS & LEWSVLLE	159	0	0	0	163 TWIN GROVES	23	0	0	0	275 IF MONROC LYONS	0	0	0	0
52 NORTH RIGBY	0	0	0	0	164 ST ANTHONY UNION	89	0	0	0	276 WOODVILLE	0	0	0	0
53 JEFF HILLS ELEC	0	0	0	0	165 SALEM UNION	19	0	0	0	277 WOODVL PMP#1 (21	0	0	0	0
54 WHITE DITCH (3)	0	0	0	0	166 EGIN	108	0	0	0	278 WOODVL PMP#2 (21	0	0	0	0
55 D PHILLIPS	0	0	0	0	167 ST AN U FDR (17)	36	0	0	0	279 WOODVL SIPH (21	0	0	0	0
56 VON BARON	0	0	0	0	168 INDEPENDENT	58	0	0	0	280 IDAHO PUMP	0	0	0	0
57 BRAMWELL	0	0	0	0	169 CONSOLIDATED FRS	44	0	0	0	281 SNAKE RIVER VY	0	0	0	0
58 ELLIS (11)	0	0	0	0	170 SOUTH PIPE	0	0	0	0	282 P HILL (13)	0	0	0	0

59	D S[illegible] (3)	0	0	0	0	171	J RICKS	0	0	[illegible]	0	283	RESERV MITIG	0	0	0	0
60	FRESH PAC	1	0	0	0	172	BOELKE	0	0	0	0	284	RESERVATION	29	0	0	0
61	J T JONES	0	0	0	0	173	CLEMENTSVILLE	0	0	0	0	285	BLACKFOOT	0	0	0	0
62	C JONES (3)	0	0	0	0	174	HIBBERT FARMS	0	0	0	0	286	NEW LAVA SIDE	0	0	0	0
63	W DABELL (3)	0	0	0	0	175	R & J BROWN	0	0	0	0	287	R C ADAMS #1 (5)	0	0	0	0
64	D STOKER	0	0	0	0	176	P L STOTT	0	0	0	0	288	R C ADAMS #2 (5)	0	0	0	0
65	J N ERICKSON	0	0	0	0	177	B PARKINSON	0	0	0	0	289	PEOPLES	0	0	0	0
66	NELSON	0	0	0	0	178	CANYON CR CANAL	0	0	0	0	290	ABERDEEN	0	0	0	0
67	MATTSON-CRAIG	0	0	0	0	179	G CRAPO	0	0	0	0	291	SWID (20)	0	0	0	0
68	SUNNYDELL	25	0	0	0	180	P STEVENS	0	0	0	0	292	CORBETT	0	0	0	0
69	B COVINGTON	0	0	0	0	181	V SCHWENDIMAN	0	0	0	0	293	NIELSON-HANSEN	4	0	0	0
70	T PARKINSON	0	0	0	0	182	R B RICKS	0	0	0	0	294	R LAMBERT (7)	0	0	0	0
71	R GROVER	0	0	0	0	183	CANYON CR LAT	0	0	0	0	295	K CHRISTENSEN(6)	0	0	0	0
72	D CHENEY	0	0	0	0	184	H BISCHOFF	0	0	0	0	296	RIVERSIDE	16	0	0	0
73	L ROBINSON	0	0	0	0	185	WILFORD	22	0	0	0	297	DANSKIN	15	0	0	0
74	LENROOT	3	0	0	0	186	D ALLEN (14)	0	0	0	0	298	TREGO	11	0	0	0
75	R BURNS	0	0	0	0	187	B TUCKER (14)	0	0	0	0	299	JENSEN GROVE	0	0	0	0
76	REID	37	0	0	0	188	B PARKER (14)	0	0	0	0	300	WEARYRICK	1	0	0	0
77	TEXAS & LIBRTY P	48	0	0	0	189	SIDDOWAY PMP (14	0	0	0	0	301	WATSON	14	0	0	0
78	BANNOCK JIM	0	0	0	0	190	MCKINNLEY (14)	0	0	0	0	302	PARSONS	9	0	0	0
79	HILL PETTINGER	0	0	0	0	191	TETON IRRIGATION	0	0	0	0	303	GROUNDWATER SHEL	0	0	0	0
80	NELSON COREY	0	0	0	0	192	SIDDOWAY (14)	0	0	0	0	304	FT HALL MICHAUD	0	0	0	0
81	L HILL	0	0	0	0	193	PIONEER	0	0	0	0	305	FALLS IRRIGATION	0	0	0	0
82	G MAROTZ	0	0	0	0	194	STEWART	3	0	0	0	306	M OSBORN	0	0	0	0
83	N FK HIGHLANDS	0	0	0	0	195	N BIRCH	0	0	0	0	307	CALL FARMS	0	0	0	0
84	F HOWELL	0	0	0	0	196	B LEAVITT	0	0	0	0	308	R EVANS	0	0	0	0
85	S BOLLAERT	0	0	0	0	197	PINCOCK-BYINGTON	1	0	0	0	309	GROUNDWATER NEEL	0	0	0	0
86	F VANDERSLOOT #1	0	0	0	0	198	B HOLLIST	0	0	0	0	310	MINIDOKA NTH S	0	0	0	0
87	F VANDERSLOOT #2	0	0	0	0	199	TETON ISLAND FDR	91	0	0	0	311	MINIDOKA STH (8)	0	0	0	0
88	F VANDERSLOOT #3	0	0	0	0	200	SALEM UNION B	0	0	0	0	312	E HERBERT	0	0	0	0
89	T HOLCOMB	0	0	0	0	201	J HARRIS	0	0	0	0	313	MID MISC	0	0	2	-2
90	R LEE	0	0	0	0	202	ROXANA	0	0	0	0	314	MILNER MISC	1	1	3	-3
91	Z EGBERT #1 (10)	0	0	0	0	203	ISLAND WARD	0	0	0	0	315	LAW-KER FARMS	0	0	0	0
92	R RITCHEY	0	0	0	0	204	SAUREY	3	0	0	0	316	BURLEY GC	0	0	0	0
93	N MILLER #1	0	0	0	0	205	GARDNER-BEDDES	0	0	0	0	317	CITY OF BURLEY	0	0	0	0
94	N MILLER #2 (28)	0	0	0	0	206	BIGLER SLOUGH	0	0	0	0	318	SIMPLOT FTLZR	0	0	0	0
95	Z EGBERT #2	0	0	0	0	207	WOODMANSEE-JSN	0	0	0	0	319	AMALGA SUGAR	0	0	0	0
96	R D BAKER	0	0	0	0	208	G GODFREY	0	0	0	0	320	R TILLEY PUMP	0	0	0	0
97	D PHELPS (10)	0	0	0	0	209	R R RICKS	0	0	0	0	321	COORS BREWNG	0	0	0	0
98	D SEELEY	0	0	0	0	210	CITY OF REXBURG	2	0	0	0	322	K SANDMANN	0	0	0	0
99	Z EGBERT #3 (10)	0	0	0	0	211	T BRUNSON (27)	0	0	0	0	323	H SCHODDE	0	0	0	0
100	Z EGBERT #4	0	0	0	0	212	J S WRIGHT	0	0	0	0	324	BAR-U-RANCH #1	0	0	0	0
101	Z EGBERT #5	0	0	0	0	213	REXBURG IRRIG	29	0	0	0	325	BAR-U-RANCH #2	0	0	0	0
102	G NEDROW	0	0	0	0	214	BEAVER DICK PMP	0	0	0	0	326	M HOBSON	0	0	0	0
103	BAKER & NEDROW	0	0	0	0	215	GROUNDWATER HENR	0	0	0	0	327	V HOBSON	0	0	0	0
104	M REYNOLDS #1	0	0	0	0	216	L A HARTERT (4)	0	0	0	0	328	A & B IRR DIST	0	0	0	0
105	R & C BAUM	0	0	0	0	217	A GUNDERSON (4)	0	0	0	0	329	PA LATERAL (9)	0	0	0	0
106	J MCCULLOCH	0	0	0	0	218	MILLER-BARNS (4)	0	0	0	0	330	MILNER IRRIG	0	0	0	0
107	M REYNOLDS #2	0	0	0	0	219	BUTTE SLOUGH (4)	0	0	0	0	331	A LATERAL (9)	0	0	0	0
108	A NEDROW #1	0	0	0	0	220	BUTTE & MARKET L	44	0	0	0	332	J BRUNE (9)	0	0	0	0
109	A NEDROW #2	0	0	0	0	221	BEAR TRAP	0	0	0	0	333	NS XCUT GDNG (9)	0	0	0	0
110	J NEDROW	0	0	0	0	222	WALKER FARMS	0	0	0	0	334	RES DIST #2	0	0	0	0
111	V & D KIRKHAM	0	0	0	0	223	M TOMCHAK	0	0	0	0	335	NORTHSIDE TWIN F	0	0	0	0
112	D NEDROW	0	0	0	0	224	A WILDE PUMP	0	0	0	0	336	TWIN FALLS SOUTH	0	0	0	0

STORAGE USED COMBINED WITH (1)ANDERSON, (2)DILTS, (3)W LABL & LI, (4)BUTTE & MARKET L, (5)PEOPLES, (6)NEW LAVA SIDE (7)RIVERSIDE, (8)MINIDOKA NTH S, (9)NORTHSIDE TWIN F, (10)MARYSVILLE, (11)BRAMWELL, (12)BURGESS, (13)SNAKE R VY (14)TETON IRR, (15)FALL R, (16)GREAT WESTERN, (17)ST ANTHONY UN, (18)NEWBY #1, (19)SQUIRREL #3, AND (20)MIL IRRIG, MINIDOKA STH & T.F.S.S., (21)WOODVILLE CANAL, (22)CLARK & EDWARDS, (23)CONANT CR CANAL, (24)STEELE, (25)BOOM CREEK PUMP (26)L LOOSLI #3, (27)WOODMANSEE-JOHNSON, (28)MILLER #1, (29)FARMERS OWN

MISCELLANEOUS DATA - NOV 2, 2006

EAGLE ROCK DUMP:	201.	CFS
EAGLE ROCK CREDIT:	113.	CFS
EAGLE ROCK TOTAL:	444.	AF
RIRIE LOSS:	232.	CFS
RIRIE TOTAL:	-119.	AF
WIILOW CREEK LOSS:	-47.	CFS
WILLOW CREEK TOTAL:	-184.	AF
DRY BED:	663.	CFS
CROSS CUT AT HEAD:	25.	CFS
CROSS CUT AT MIDDLE:	53.	CFS
CROSS CUT AT END:	35.	CFS
S BRANCH FALL RIVER BLW XCUT:	7.	CFS
S BRANCH FALL RIVER ABV XCUT:	5.	CFS
N FORK TETON BELOW SPLITTER:	45.	CFS
S FORK TETON AT REXBURG:	239.	CFS
RESERVATION AT HEAD:	29.	CFS
SAND CREEK TO RESERVATION:	45.	CFS
RESERVATION AT DROP:	40.	CFS
TRIBAL 1867:	11.	CFS
TRIBAL TOTAL VOLUME:	51.	AF
NON TRIBAL 1891:	16.	CFS
NON TRIBAL VOLUME:	63.	AF
SPRING CREEK:	279.	CFS
SPRING CREEK GAIN:	2421.	CFS
SWID START DAY OF THE YEAR:	122	
SWID:	0.	CFS
SWID TOTAL VOLUME:	0.	AF
MINIDOKA-MILNER REACH GAIN:	184.	CFS
MEASURED RETURN FLOW:	0.	CFS
MINIDOKA RETURN FLOW CREDIT:	0.	CFS
MINIDOKA TOTAL CREDIT:	0.	AF
GAIN AVERAGING ADJUSTMENT:	4803.	AF

EXCHANGE PUMP DATA

EXCHANGE PUMP	CFS PUMPED	AF YR TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR TOTAL
1 COVINGTON BROS	0.	0.0	8 M PARKINSON	0.	0.0	15 D, L, & R ARD	0.	0.0
2 L LOOSLI	0.	0.0	9 D BOTT	0.	0.0	16 HINK, INC.	0.	0.0
3 USBR 2	0.	0.0	10 C HOOPES	0.	0.0	17 R & J BROWN	0.	0.0
4 STEVECO CANYON	0.	0.0	11 USBR 5	0.	0.0	18 USBR 3	0.	0.0
5 CANYON CR LAT	0.	0.0	12 HOOPES BROS	0.	0.0	19 USBR 1	0.	0.0
6 B PARKINSON	0.	0.0	13 RICKS, R.	0.	0.0	20 MINIDOKA CREDIT	0.	0.0
7 V SCHWENDIMAN	0.	0.0	14 EHCO RANCH	0.	0.0			

YEAR TO DATE TOTAL = 0.0 AF

WATER DISTRICT 01 - SNAKE RIVER FLOW ACCOUNTING (1.5PC) - NOV 3, 2006 20070525

	REACH FLOWS IN CFS		ACTUAL DATE	NATURAL FLOW	ACTUAL FLOW	RMAINING NAT FLOW	POWER FLOW	STORED RESRVOIR FLOW	EVAP	NATURAL FLOW DIV	TOTAL RCH DIV	REACH GAIN	LAST RIGHT
1	TO MORAN		OCT 29	299.	501.	0.	0.	501.	0.	299.	0.	299.	19060823
33	MORAN TO ALPINE		OCT 29	1848.	2050.	1549.	0.	501.	0.	0.	0.	1549.	19210329
34	SALT RIVER ABV RES		OCT 29	555.	555.	555.	0.	0.	0.	0.	0.	555.	19210329
35	GREYS RIVER ABV RES		OCT 29	308.	308.	308.	0.	0.	0.	0.	0.	308.	19210329
2	ALPINE TO IRWIN		OCT 30	2931.	2010.	990.	0.	1020.	0.	1642.	0.	220.	19210329
3	IRWIN TO HEISE		OCT 30	3311.	2390.	1370.	0.	1020.	0.	0.	0.	380.	19210329
4	HEISE TO BLW DRY BED	*	OCT 30	3311.	1405.	581.	0.	824.	0.	789.	789.	0.	19210329
32	BLW DRY BED TO LORENZO		OCT 30	2843.	826.	0.	0.	826.	0.	113.	113.	-468.	19210329
11	TO HENRYS LAKE		OCT 27	17.	17.	0.	0.	17.	0.	17.	0.	17.	19170515
12	HENRYS L TO ISLAND PARK		OCT 28	524.	314.	54.	0.	260.	0.	453.	0.	507.	19210329
13	ISLAND PARK TO ASHTON		OCT 29	1410.	1200.	940.	0.	260.	0.	0.	0.	886.	19210329
30	ASHTON TO AB FALLS RIVER	*	OCT 29	1410.	1200.	940.	0.	260.	0.	0.	0.	0.	19210329
14	TO GRASSY LAKE		OCT 29	3.	0.	3.	0.	-3.	0.	0.	0.	3.	19210329
15	GRASSY LK TO ABV YELLOW		OCT 29	627.	624.	627.	0.	-3.	0.	0.	0.	624.	19210329
16	ABV YELLOW TO CHESTER		OCT 29	616.	556.	561.	0.	-5.	0.	55.	57.	-11.	19210329
17	AB FALLS R TO ST ANTHONY		OCT 29	2017.	1540.	1312.	0.	228.	0.	181.	206.	-9.	19210329
10	ST ANTHONY TO AB NF TETN	*	OCT 29	2017.	1295.	1066.	0.	228.	0.	245.	245.	0.	19210329
18	AB S LEIGH TO ST ANTHONY		OCT 29	534.	559.	534.	0.	25.	0.	0.	0.	534.	19210329
19	ST ANTH TO TETON FORKS		OCT 29	416.	294.	269.	0.	25.	0.	147.	147.	-118.	19210329
47	TETON FORKS TO MOUTH	*	OCT 29	416.	291.	265.	0.	25.	0.	3.	3.	0.	19210329
20	AB NF TETN TO REXBURG		OCT 30	2738.	1890.	1636.	0.	254.	0.	0.	0.	305.	19210329
21	LORENZO TO MENAN	*	OCT 30	5581.	2610.	1531.	0.	1080.	0.	106.	106.	0.	19210329
5	MENAN TO NR IDAHO FALLS		OCT 30	6251.	3530.	2201.	0.	1329.	0.	0.	0.	670.	19210329
36	NR ID FALLS TO AB WLW CR	*	OCT 30	6251.	3530.	2201.	0.	1329.	0.	0.	0.	0.	19210329
23	WILLOW CRK BLW TEX CREEK		OCT 30	49.	49.	49.	0.	0.	0.	0.	0.	49.	19210329
24	BLW TEX CREEK TO NR RIRI		OCT 30	49.	188.	49.	0.	139.	0.	0.	0.	0.	19210329
25	NR RIRIE TO FDWY NR UCON		OCT 30	43.	226.	40.	0.	186.	0.	3.	117.	-6.	19210329
28	FDWY NR UCON TO END	*	OCT 30	43.	226.	40.	0.	186.	0.	0.	0.	0.	19210329
31	WILLOW CRK TO SHELLEY		OCT 31	6301.	3610.	2248.	0.	1362.	0.	0.	0.	7.	19210329
6	SHELLEY TO AT BLACKFOOT		OCT 31	5940.	3220.	1827.	0.	1393.	0.	60.	60.	-361.	19210329
22	AT BLKFOOT TO BLW BLKFT	*	OCT 31	5940.	3196.	1803.	0.	1393.	0.	24.	24.	0.	19210329
38	BLW BLKFT TO NR BLKFOOT		NOV 1	5894.	3280.	1757.	0.	1523.	0.	0.	0.	-46.	19210329
39	PORTNUEF R AT POCATELLO		NOV 1	233.	233.	233.	0.	0.	0.	0.	0.	233.	19210329
7	NR BLACKFOOT TO NEELEY		NOV 2	8487.	354.	2771.	0.	-2417.	0.	1578.	0.	2359.	19210329
8	NEELEY TO MINIDOKA		NOV 2	8716.	500.	0.	500.	0.	0.	2500.	0.	229.	19210329
9	MINIDOKA TO MILNER		NOV 3	8866.	572.	651.	0.	-78.	0.	0.	1.	151.	20030717

* - INDICATES FLOW ESTIMATED, NOT MEASURED TOTALS 8216. 1868. 8866.

	RESERVOIR	PREVIOUS AF	CURRNT AF	CHNG CFS	ACCRD CFS	TOTAL AF	EVAP AF
1	JACKSON LAKE	630851.0	630500.0	-177.0	299.1	797163.2	0.0
2	PALISADES	590776.0	592945.0	1093.5	1642.3	747120.0	0.0
3	HENRYS LAKE	85600.0	85600.0	0.0	17.0	68473.4	0.0
4	ISLAND PARK	84204.0	84636.0	217.8	452.7	35001.2	0.0
5	GRASSY LAKE	10862.0	10867.0	2.5	0.0	10846.0	0.0
6	RIRIE	39056.0	38993.0	-31.8	0.0	55356.1	0.0
7	AMERICAN FALLS	506855.0	517550.0	5392.0	1577.8	295175.4	0.0
8	LAKE WALCOTT	40267.1	40267.1	0.0	2500.0	22562.0	0.0
9	LAKE MILNER	25636.0	25518.8	-59.1	0.0	0.0	0.0
	TOTAL	2014107.1	2026876.9	6438.0	6488.8	2031697.3	0.0

	CHANGE IN CONTENT	STORAGE DIVERTED	STO PAST MILNER	TOTAL STORED	UNACCT STORED	AM FALLS GAIN DIFF
YEAR-TO-DATE AF	34728.9	17.1	995.2	2031697.4	942.3	-1378.2

PRIORITY	RESERVOIR	AF RIGHT	AF STORED
1	JACKSON LAKE	298981.0	280852.7
2	LAKE WALCOTT	95200.0	22562.0
3	JACKSON LAKE	138829.0	138829.0
4	JACKSON LAKE	409190.0	377481.5
5	HENRYS LAKE	79350.0	57823.4
6	PALISADES	259600.0	128128.8
7	ISLAND PARK	45000.0	2851.7
8	AMERICAN FALLS	156830.0	60811.3
9	AMERICAN FALLS	1515760.0	234364.1
10	ISLAND PARK	90000.0	32149.5
11	GRASSY LAKE	15204.0	10846.0
12	PALISADES	940400.0	618991.2
13	HENRYS LAKE	10650.0	10650.0
14	RIRIE	80500.0	55356.1
15	AMERICAN FALLS	0.0	0.0
16	PALISADES	0.0	0.0

JACKSON LAKE EVAP	00000000.0
PALISADES EVAP	00000000.0
HENRYS LAKE EVAP	00000000.0
ISLAND PARK EVAP	00000000.0
GRASSY LAKE EVAP	00000000.0
RIRIE EVAP	00000000.0
AMERICAN FALLS EVAP	00000000.0
LAKE WALCOTT EVAP	00000000.0
MILNER EVAP	00000000.0
--RESERVOIR--------	-AF STORED
Jackson Lake-1906	279362.3
Lake Walcott	7685.7
Jackson Lake-1910	138829.0
Jackson Lake-1913	377481.5
Henrys Lake-1917	57721.8
Palisades WWS	118420.5
Island Park-1921	0.0
American Falls WWS	49511.4
American Falls-1921	234364.1
Island Park-1935	32149.5
Grassy Lake	10846.0
Palisades-1939	618991.2
Henrys Lake-1965	10650.0
Ririe	55356.1
American Falls LTF	0.0
Palisades LTF	0.0
--MISC VARIABLES---	-----VALUE
Change in Storage	0.0
Storage past Milner	0.0
Total Accounted Sto	1991369.1
Unallctd (Milner)	778.5
Total Minidoka Cr	0.0
Total Ririe Loss	0.0
Total Willow Loss	0.0
Total Eagle Rock Cr	0.0
Total AF Gain Diff	0.0
SWID Total	0.0

WATER DISTRICT 01 - SNAKE RIVER FLOW ACCOUNTING (v 1.4) - OCT 31, 2006 20070227

	REACH FLOWS IN CFS		ACTUAL DATE	NATURAL FLOW	ACTUAL RMAINING FLOW	NAT FLOW	POWER FLOW	STORED RESRVOIR FLOW	EVAP	NATURAL FLOW DIV	TOTAL RCH DIV	REACH GAIN	LAST RIGHT
1	TO MORAN		OCT 26	228.	500.	0.	0.	500.	0.	228.	0.	228.	19060823
33	MORAN TO ALPINE		OCT 26	1868.	2140.	1640.	0.	500.	0.	0.	0.	1640.	19210329
34	SALT RIVER ABV RES		OCT 26	573.	573.	573.	0.	0.	0.	0.	0.	573.	19210329
35	GREYS RIVER ABV RES		OCT 26	322.	322.	322.	0.	0.	0.	0.	0.	322.	19210329
2	ALPINE TO IRWIN		OCT 27	3039.	2370.	1112.	0.	1258.	13.	1699.	0.	277.	19210329
3	IRWIN TO HEISE		OCT 27	3759.	3090.	1832.	0.	1258.	0.	0.	0.	720.	19210329
4	HEISE TO BLW DRY BED	*	OCT 27	3759.	1779.	693.	0.	1086.	0.	1139.	1139.	0.	19210329
32	BLW DRY BED TO LORENZO		OCT 27	3213.	1090.	0.	0.	1090.	0.	147.	147.	-546.	19210329
11	TO HENRYS LAKE		OCT 24	18.	17.	0.	0.	17.	0.	18.	0.	18.	19170515
12	HENRYS L TO ISLAND PARK		OCT 25	509.	315.	0.	0.	315.	0.	492.	0.	492.	19210329
13	ISLAND PARK TO ASHTON		OCT 26	1374.	1180.	865.	0.	315.	0.	0.	0.	865.	19210329
30	ASHTON TO AB FALLS RIVER	*	OCT 26	1374.	1180.	865.	0.	315.	0.	0.	0.	0.	19210329
14	TO GRASSY LAKE		OCT 26	4.	0.	4.	0.	-4.	0.	0.	0.	4.	19210329
15	GRASSY LK TO ABV YELLOW		OCT 26	629.	625.	629.	0.	-4.	0.	0.	0.	625.	19210329
16	ABV YELLOW TO CHESTER		OCT 26	638.	583.	589.	0.	-6.	0.	49.	51.	9.	19210329
17	AB FALLS R TO ST ANTHONY		OCT 26	2009.	1540.	1255.	0.	285.	0.	195.	221.	-4.	19210329
10	ST ANTHONY TO AB NF TETN	*	OCT 26	2009.	1295.	1010.	0.	285.	0.	245.	245.	0.	19210329
18	AB S LEIGH TO ST ANTHONY		OCT 26	534.	560.	534.	0.	26.	0.	0.	0.	534.	19210329
19	ST ANTH TO TETON FORKS		OCT 26	418.	295.	269.	0.	26.	0.	148.	148.	-117.	19210329
47	TETON FORKS TO MOUTH	*	OCT 26	418.	290.	264.	0.	26.	0.	5.	5.	0.	19210329
20	AB NF TETN TO REXBURG		OCT 27	2772.	1930.	1619.	0.	311.	0.	0.	0.	345.	19210329
21	LORENZO TO MENAN	*	OCT 27	5985.	2972.	1571.	0.	1401.	0.	48.	48.	0.	19210329
5	MENAN TO NR IDAHO FALLS		OCT 27	6542.	3440.	1993.	0.	1447.	0.	136.	136.	558.	19210329
36	NR ID FALLS TO AB WLW CR	*	OCT 27	6542.	3440.	1993.	0.	1447.	0.	0.	0.	0.	19210329
23	WILLOW CRK BLW TEX CREEK		OCT 27	50.	50.	50.	0.	0.	0.	0.	0.	50.	19210329
24	BLW TEX CREEK TO NR RIRI		OCT 27	50.	305.	50.	0.	255.	1.	0.	0.	0.	19210329
25	NR RIRIE TO FDWY NR UCON		OCT 27	41.	320.	39.	0.	281.	0.	2.	120.	-9.	19210329
28	FDWY NR UCON TO END	*	OCT 27	41.	320.	39.	0.	281.	0.	0.	0.	0.	19210329
31	WILLOW CRK TO SHELLEY		OCT 28	6737.	4190.	2185.	0.	2005.	0.	0.	0.	154.	19210329
6	SHELLEY TO AT BLACKFOOT		OCT 28	6332.	3610.	1705.	0.	1905.	0.	76.	76.	-405.	19210329
22	AT BLKFOOT TO BLW BLKFT	*	OCT 28	6332.	3586.	1680.	0.	1905.	0.	24.	24.	0.	19210329
38	BLW BLKFT TO NR BLKFOOT		OCT 29	6441.	3480.	1789.	0.	1691.	0.	0.	0.	108.	19210329
39	PORTNUEF R AT POCATELLO		OCT 29	231.	231.	231.	0.	0.	0.	0.	0.	231.	19210329
7	NR BLACKFOOT TO NEELEY		OCT 30	9070.	364.	0.	0.	364.	27.	4418.	0.	2398.	19210329
8	NEELEY TO MINIDOKA		OCT 30	9241.	489.	171.	0.	318.	25.	0.	0.	171.	20030717
9	MINIDOKA TO MILNER		OCT 31	9446.	711.	376.	0.	335.	0.	0.	1.	206.	20030717
	* - INDICATES FLOW ESTIMATED, NOT MEASURED							TOTALS		9070.	2361.	9446.	

	RESERVOIR	PREVIOUS AF	CURRNT AF	CHNG CFS	ACCRD CFS	TOTAL AF	EVAP AF
1	JACKSON LAKE	632100.0	631332.0	-387.2	227.8	36884.2	0.0
2	PALISADES	584322.0	586142.0	917.6	1699.2	41233.0	25388.4
3	HENRYS LAKE	85600.0	85600.0	0.0	17.5	1748.7	0.0
4	ISLAND PARK	82988.0	83533.0	274.8	492.0	12209.1	10108.8
5	GRASSY LAKE	10843.0	10846.0	1.5	0.0	0.0	0.0
6	RIRIE	40723.0	40181.0	-273.3	0.0	0.0	3456.0
7	AMERICAN FALLS	478700.0	488854.0	5119.2	4418.2	69639.4	21525.8
8	LAKE WALCOTT	39600.0	40060.0	231.9	0.0	95200.0	25753.4
9	LAKE MILNER	25700.0	25600.0	-50.4	0.0	0.0	0.0
	TOTAL	1980576.0	1992148.0	5834.1	6854.6	256914.5	86232.4

	CHANGE IN CONTENT	STORAGE DIVERTED	STO PAST MILNER	TOTAL STORED	UNACCT STORED	AM FALLS GAIN DIFF
YEAR-TO-DATE AF	665539.3	1992554.3	281795.2	4320667.0	31782.4	671.3

	PRIORITY	RESERVOIR	AF RIGHT	AF STORED
	1	JACKSON LAKE	298981.0	36884.2
	2	LAKE WALCOTT	95200.0	95200.0
	3	JACKSON LAKE	138829.0	0.0
	4	JACKSON LAKE	409190.0	0.0
	5	HENRYS LAKE	79350.0	1748.7
	6	PALISADES	259600.0	41233.0
	7	ISLAND PARK	45000.0	12209.1
	8	AMERICAN FALLS	156830.0	69639.4
	9	AMERICAN FALLS	1515760.0	0.0
	10	ISLAND PARK	90000.0	0.0
	11	GRASSY LAKE	15204.0	0.0
	12	PALISADES	940400.0	0.0
	13	HENRYS LAKE	10650.0	0.0
	14	RIRIE	80500.0	0.0
	15	AMERICAN FALLS	0.0	0.0
	16	PALISADES	0.0	0.0

DIVERSION DATA - OCT 31, [illegible] 20070227

	DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG		DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG		DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG
1	P BIRD	0	0	42	-42	113	L FRANSEN (29)	0	0	0	0	225	N FULLMER	0	0	0	0
2	BOY SCOUT PUMP	0	0	35	-35	114	L BRATT	0	0	0	0	226	D BOYCE	0	0	5	-5
3	A ROSTAD	0	0	0	0	115	L LOOSLI #1	0	0	150	-150	227	B TOMCHAK #1	0	0	0	0
4	R ROSE	0	0	7	-7	116	DEWEY	0	0	1026	-1026	228	C BOYCE	0	0	0	0
5	PALISADES CANAL	0	0	373	-373	117	J SEELEY	0	0	0	0	229	STIENKE-MURDOCK	0	0	97	-97
6	J FLEMING	0	0	0	0	118	YELLOWSTONE	0	0	1955	-1955	230	L CARLSON N (12)	0	0	0	0
7	MERT OGDEN	0	0	0	0	119	ATCHLEY PMPS (10	0	0	0	0	231	B TOMCHAK #2	0	0	87	-87
8	LYNN DIXON	0	0	0	0	120	MARYSVILLE	0	0	14185	-14185	232	L CARLSON S (12)	0	0	0	0
9	J CHICK	0	0	0	0	121	F & L GRIFFEL	0	0	147	-147	233	H BROWN	0	0	127	-127
10	L JACOBSON	0	0	118	-118	122	R BAUM	0	0	155	-155	234	KINGSTON NTH	0	0	12	-12
11	I SPAULDING (TR)	0	0	0	0	123	G/6 (10)	0	0	0	0	235	G OFFUT (12)	0	0	0	0
12	B FOSTER	0	0	468	-468	124	FARMERS OWN	22	2	6155	-6155	236	KINGSTON STH	0	0	24	-24
13	ANDERSON	11	0	22788	-22788	125	W SCAFE	0	0	38	-38	237	BEAR ISL NORTH	0	0	107	-107
14	M & M CATTLE (S)	0	0	56	-56	126	R STURM #2 (10)	0	0	0	0	238	BEAR ISL WEST	0	0	60	-60
15	M NEWBY #1	0	0	353	-353	127	R STURM #1 (10)	0	0	0	0	239	OSGOOD	0	0	2838	-2838
16	M NEWBY #2 (18)	0	0	0	0	128	M GRIFFEL	0	0	117	-117	240	CLEMENTS	0	0	156	-156
17	M NEWBY #3 (18)	0	0	0	0	129	L LOOSLI #2	0	0	282	-282	241	KENNEDY	0	0	13	-13
18	EAGLE ROCK (1)	360	0	0	0	130	C MALOUF	0	0	142	-142	242	GREAT WESTERN	0	0	48093	-48093
19	FARMERS FRIEND	0	0	9195	-9195	131	CONANT CR CANAL	0	0	2651	-2651	243	L HANSEN E (12)	0	0	0	0
20	ENTERPRIZE	0	0	22426	-22426	132	K NYBORG	0	0	0	0	244	A ZOHNER	0	0	71	-71
21	C HICKMAN	0	0	0	0	133	BOOM CR CANAL	0	0	885	-885	245	V CENELL	0	0	0	0
22	BUTLER ISLAND	10	0	619	-619	134	ORME CANAL	0	0	0	0	246	M BOAM (12)	0	0	0	0
23	ROSS AND RAND	0	0	128	-128	135	SQUIR PMP #3	0	0	633	-633	247	R MACKAY (12)	0	0	0	0
24	STEELE	0	0	0	0	136	L ORME PUMP	0	0	82	-82	248	IDAHO	136	0	3489	-3489
25	HARRISON	0	0	26179	-26179	137	D HARSHBARGER(25	0	0	0	0	249	PORTER (16)	0	0	0	0
26	CHENEY (24)	0	0	0	0	138	SQUIR PMP #1 (19	0	0	0	0	250	LOERTSCHER	0	0	0	0
27	G SCOTT #1 (24)	0	0	0	0	139	D ZUNDELL (23)	0	0	0	0	251	BOYD FOSTER	0	0	0	0
28	J BROWN	0	0	0	0	140	L LOOSLI #3	0	0	220	-220	252	SCHWENDIMAN	0	0	0	0
29	BUTLER ISL #2	0	0	0	0	141	L LOOSLI #4 (26)	0	0	0	0	253	LOVELL # 1	0	0	0	0
30	G SCOTT #2 (24)	0	0	0	0	142	D BUDGE	0	0	149	-149	254	FERGUSON	0	0	0	0
31	SUBDIV PUMP	0	0	0	0	143	J HILL (23)	0	0	0	0	255	LOVELL # 2	0	0	0	0
32	RUDY	23	0	16138	-16138	144	D REYNOLDS	0	0	242	-242	256	W REED #1	0	0	0	0
33	LOWDER SLOUGH	9	0	2154	-2154	145	C LOOSLI	0	0	314	-314	257	SARGENT & SUMMRS	0	0	0	0
34	KITE & NORD	0	0	188	-188	146	T POTTER	0	0	29	-29	258	DURTSCHI PUMPS	0	0	0	0
35	BURGESS	211	0	39760	-39760	147	ENTERPRISE	0	0	15914	-15914	259	W REED #2	0	0	0	0
36	M H HILL	0	0	196	-196	148	R D MILLER	0	0	0	0	260	FOSTER-SARGENT P	0	0	0	0
37	CLARK & EDWARDS	24	0	256	-256	149	C ATCHLEY (10)	0	0	0	0	261	SPERRY	0	0	0	0
38	CROFT	0	0	234	-234	150	W C DAVIS (10)	0	0	0	0	262	ORVAL AVERY	1	0	0	0
39	A ZAUGG	0	0	3	-3	151	FALL RIVER CANAL	15	0	471	-471	263	ROY AVERY	0	0	0	0
40	G HOLMAN	0	0	0	0	152	CHESTER	10	0	1439	-1439	264	STUCKI PUMPS	0	0	0	0
41	G MUMA	0	0	8	-8	153	MCBEE	0	0	188	-188	265	SCHWENDIMAN #2	0	0	0	0
42	EAST LABELLE	44	0	560	-560	154	SILKEY	0	0	122	-122	266	ROY COOPER SAND	0	0	0	0
43	B GROVER (22)	0	0	0	0	155	CURR	4	0	37	-37	267	ROY COOPER WILL	0	0	0	0
44	RIGBY	84	0	2520	-2520	156	RLF PUMP	0	0	79	-79	268	D KEELER	0	0	0	0
45	K FOSTER (22)	0	0	0	0	157	L LOOSLI #5	0	0	0	0	269	PROGRESSIVE SAND	83	0	24	-24
46	WHITE ISLAND	0	0	274	-274	158	G BLANCHARD	0	0	0	0	270	BEAN	0	0	0	0
47	DILTS LATERAL (2	0	0	0	0	159	LAST CHANCE	22	0	6552	-6552	271	W & O COOPER	0	0	0	0
48	DILTS	0	0	2176	-2176	160	CROSSCUT TO TETN	26	0	3310	-3310	272	IDAHO FR SAND CK	2	0	4768	-4768
49	ISLAND	58	0	854	-854	161	XCUT FALL R (15)	0	0	0	0	273	DEMICK	0	0	0	0
50	W LABELLE & LG I	132	0	513	-513	162	FARMERS FRIEND	41	0	4033	-4033	274	PROGRESSIVE WILL	34	0	7159	-7159
51	PARKS & LEWSVLLE	161	0	2758	-2758	163	TWIN GROVES	24	0	4902	-4902	275	IF MONROC LYONS	0	0	0	0
52	NORTH RIGBY	13	0	689	-689	164	ST ANTHONY UNION	89	0	0	0	276	WOODVILLE	0	0	6038	-6038
53	JEFF HILLS ELEC	0	0	0	0	165	SALEM UNION	19	0	15504	-15504	277	WOODVL PMP#1 (21	0	0	0	0
54	WHITE DITCH (3)	0	0	0	0	166	EGIN	108	0	658	-658	278	WOODVL PMP#2 (21	0	0	0	0
55	D PHILLIPS	0	0	6	-6	167	ST AN U FDR (17)	35	0	0	0	279	WOODVL SIPH (21	0	0	0	0
56	VON BARON	0	0	30	-30	168	INDEPENDENT	58	0	8770	-8770	280	IDAHO PUMP	0	0	8	-8
57	BRAMWELL	0	0	0	0	169	CONSOLIDATED FRS	44	0	12375	-12375	281	SNAKE RIVER VY	0	0	28341	-28341
58	ELLIS (11)	0	0	0	0	170	SOUTH PIPE	0	0	1551	-1551	282	P HILL (13)	0	0	0	0

59	D SC (3)	0	0	0	0	171	J RICKS	0	0	1	-241	283	RESERV MITIG	0	0	26180	-26180
60	FRESH PAC	1	0	0	0	172	BOELKE	0	0	1522	-1522	284	RESERVATION	29	0	532	-532
61	J T JONES	0	0	0	0	173	CLEMENTSVILLE	0	0	2409	-2409	285	BLACKFOOT	0	0	417	-417
62	C JONES (3)	0	0	0	0	174	HIBBERT FARMS	0	0	0	0	286	NEW LAVA SIDE	0	0	1484	-1484
63	W DABELL (3)	0	0	0	0	175	R & J BROWN	0	0	1970	-1970	287	R C ADAMS #1 (5)	0	0	0	0
64	D STOKER	0	0	273	-273	176	P L STOTT	0	0	0	0	288	R C ADAMS #2 (5)	0	0	0	0
65	J N ERICKSON	0	0	524	-524	177	B PARKINSON	0	0	4007	-4007	289	PEOPLES	0	0	28903	-28903
66	NELSON	0	0	0	0	178	CANYON CR CANAL	0	0	912	-912	290	ABERDEEN	0	0	119907	-119907
67	MATTSON-CRAIG	0	0	985	-985	179	G CRAPO	0	0	39	-39	291	SWID (20)	0	0	0	0
68	SUNNYDELL	35	0	8457	-8457	180	P STEVENS	0	0	1215	-1215	292	CORBETT	0	0	1510	-1510
69	B COVINGTON	0	0	985	-985	181	V SCHWENDIMAN	0	0	3594	-3594	293	NIELSON-HANSEN	4	0	216	-216
70	T PARKINSON	0	0	254	-254	182	R B RICKS	0	0	553	-553	294	R LAMBERT (7)	0	0	0	0
71	R GROVER	0	0	701	-701	183	CANYON CR LAT	0	0	2150	-2150	295	K CHRISTENSEN(6)	0	0	0	0
72	D CHENEY	0	0	13	-13	184	H BISCHOFF	0	0	34	-34	296	RIVERSIDE	16	0	491	-491
73	L ROBINSON	0	0	0	0	185	WILFORD	22	0	583	-583	297	DANSKIN	15	0	458	-458
74	LENROOT	4	0	6889	-6889	186	D ALLEN (14)	0	0	0	0	298	TREGO	11	0	471	-471
75	R BURNS	0	0	0	0	187	B TUCKER (14)	0	0	0	0	299	JENSEN GROVE	0	0	2995	-2995
76	REID	50	0	3670	-3670	188	B PARKER (14)	0	0	0	0	300	WEARYRICK	1	0	0	0
77	TEXAS & LIBRTY P	58	0	5	-5	189	SIDDOWAY PMP (14	0	0	0	0	301	WATSON	14	0	0	0
78	BANNOCK JIM	0	0	153	-153	190	MCKINNLEY (14)	0	0	0	0	302	PARSONS	9	0	0	0
79	HILL PETTINGER	0	0	543	-543	191	TETON IRRIGATION	0	0	0	0	303	GROUNDWATER SHEL	0	0	0	0
80	NELSON COREY	0	0	13	-13	192	SIDDOWAY (14)	0	0	0	0	304	FT HALL MICHAUD	0	0	36334	-36334
81	L HILL	0	0	70	-70	193	PIONEER	0	0	0	0	305	FALLS IRRIGATION	0	0	16675	-16675
82	G MAROTZ	0	0	0	0	194	STEWART	3	0	200	-200	306	M OSBORN	0	0	0	0
83	N FK HIGHLANDS	0	0	0	0	195	N BIRCH	0	0	37	-37	307	CALL FARMS	0	0	121	-121
84	F HOWELL	0	0	0	0	196	B LEAVITT	0	0	26	-26	308	R EVANS	0	0	0	0
85	S BOLLAERT	0	0	0	0	197	PINCOCK-BYINGTON	1	0	75	-75	309	GROUNDWATER NEEL	0	0	0	0
86	F VANDERSLOOT #1	0	0	0	0	198	B HOLLIST	0	0	0	0	310	MINIDOKA NTH S	0	0	297972	-297972
87	F VANDERSLOOT #2	0	0	0	0	199	TETON ISLAND FDR	91	0	9270	-9270	311	MINIDOKA STH (8)	0	0	0	0
88	F VANDERSLOOT #3	0	0	9	-9	200	SALEM UNION B	0	0	0	0	312	E HERBERT	0	0	103	-103
89	T HOLCOMB	0	0	101	-101	201	J HARRIS	0	0	7	-7	313	MID MISC	0	0	133	-133
90	R LEE	0	0	0	0	202	ROXANA	0	0	139	-139	314	MILNER MISC	1	1	233	-233
91	Z EGBERT #1 (10)	0	0	0	0	203	ISLAND WARD	0	0	2088	-2088	315	LAW-KER FARMS	0	0	129	-129
92	R RITCHEY	0	0	0	0	204	SAUREY	5	0	488	-488	316	BURLEY GC	0	0	231	-231
93	N MILLER #1	0	0	48	-48	205	GARDNER-BEDDES	0	0	64	-64	317	CITY OF BURLEY	0	0	117	-117
94	N MILLER #2 (28)	0	0	0	0	206	BIGLER SLOUGH	0	0	76	-76	318	SIMPLOT FTLZR	0	0	0	0
95	Z EGBERT #2	0	0	33	-33	207	WOODMANSEE-JSN	0	0	142	-142	319	AMALGA SUGAR	0	0	123	-123
96	R D BAKER	0	0	0	0	208	G GODFREY	0	0	0	0	320	R TILLEY PUMP	0	0	61	-61
97	D PHELPS (10)	0	0	0	0	209	R R RICKS	0	0	87	-87	321	COORS BREWNG	0	0	180	-180
98	D SEELEY	0	0	0	0	210	CITY OF REXBURG	2	0	0	0	322	K SANDMANN	0	0	2	-2
99	Z EGBERT #3 (10)	0	0	0	0	211	T BRUNSON (27)	0	0	0	0	323	H SCHODDE	0	0	0	0
100	Z EGBERT #4	0	0	12	-12	212	J S WRIGHT	0	0	0	0	324	BAR-U-RANCH #1	0	0	83	-83
101	Z EGBERT #5	0	0	98	-98	213	REXBURG IRRIG	29	0	1669	-1669	325	BAR-U-RANCH #2	0	0	193	-193
102	G NEDROW	0	0	4	-4	214	BEAVER DICK PMP	0	0	26	-26	326	M HOBSON	0	0	123	-123
103	BAKER & NEDROW	0	0	171	-171	215	GROUNDWATER HENR	0	0	0	0	327	V HOBSON	0	0	77	-77
104	M REYNOLDS #1	0	0	9	-9	216	L A HARTERT (4)	0	0	0	0	328	A & B IRR DIST	0	0	41410	-41410
105	R & C BAUM	0	0	0	0	217	A GUNDERSON (4)	0	0	0	0	329	PA LATERAL (9)	0	0	0	0
106	J MCCULLOCH	0	0	3	-3	218	MILLER-BARNS (4)	0	0	0	0	330	MILNER IRRIG	0	0	35905	-35905
107	M REYNOLDS #2	0	0	6	-6	219	BUTTE SLOUGH (4)	0	0	0	0	331	A LATERAL (9)	0	0	0	0
108	A NEDROW #1	0	0	17	-17	220	BUTTE & MARKET L	48	0	9716	-9716	332	J BRUNE (9)	0	0	0	0
109	A NEDROW #2	0	0	0	0	221	BEAR TRAP	0	0	287	-287	333	NS XCUT GDNG (9)	0	0	0	0
110	J NEDROW	0	0	40	-40	222	WALKER FARMS	0	0	234	-234	334	RES DIST #2	0	0	277517	-277517
111	V & D KIRKHAM	0	0	50	-50	223	M TOMCHAK	0	0	0	0	335	NORTHSIDE TWIN F	0	0	484395	-484395
112	D NEDROW	0	0	184	-184	224	A WILDE PUMP	0	0	79	-79	336	TWIN FALLS SOUTH	0	0	189537	-189537

STORAGE USED COMBINED WITH (1)ANDERSON, (2)DILTS, (3)W LABL & LI, (4)BUTTE & MARKET L, (5)PEOPLES, (6)NEW LAVA SIDE (7)RIVERSIDE, (8)MINIDOKA NTH S, (9)NORTHSIDE TWIN F, (10)MARYSVILLE, (11)BRAMWELL, (12)BURGESS, (13)SNAKE R VY (14)TETON IRR, (15)FALL R, (16)GREAT WESTERN, (17)ST ANTHONY UN, (18)NEWBY #1, (19)SQUIRREL #3, AND (20)MIL IRRIG, MINIDOKA STH & T.F.S.S., (21)WOODVILLE CANAL, (22)CLARK & EDWARDS, (23)CONANT CR CANAL, (24)STEELE, (25)BOOM CREEK PUMP (26)L LOOSLI #3, (27)WOODMANSEE-JOHNSON, (28)MILLER #1, (29)FARMERS OWN

MISCELLANEOUS DATA - OCT 31, 2006

EAGLE ROCK DUMP:	231.	CFS
EAGLE ROCK CREDIT:	117.	CFS
EAGLE ROCK TOTAL:	151024.	AF
RIRIE LOSS:	-17.	CFS
RIRIE TOTAL:	-1861.	AF
WIILOW CREEK LOSS:	-46.	CFS
WILLOW CREEK TOTAL:	-3918.	AF
DRY BED:	941.	CFS
CROSS CUT AT HEAD:	26.	CFS
CROSS CUT AT MIDDLE:	53.	CFS
CROSS CUT AT END:	35.	CFS
S BRANCH FALL RIVER BLW XCUT:	6.	CFS
S BRANCH FALL RIVER ABV XCUT:	5.	CFS
N FORK TETON BELOW SPLITTER:	55.	CFS
S FORK TETON AT REXBURG:	240.	CFS
RESERVATION AT HEAD:	29.	CFS
SAND CREEK TO RESERVATION:	116.	CFS
RESERVATION AT DROP:	116.	CFS
TRIBAL 1867:	87.	CFS
TRIBAL TOTAL VOLUME:	95054.	AF
NON TRIBAL 1891:	16.	CFS
NON TRIBAL VOLUME:	47266.	AF
SPRING CREEK:	286.	CFS
SPRING CREEK GAIN:	2457.	CFS
SWID START DAY OF THE YEAR:	136	
SWID:	0.	CFS
SWID TOTAL VOLUME:	6725.	AF
MINIDOKA-MILNER REACH GAIN:	206.	CFS
MEASURED RETURN FLOW:	0.	CFS
MINIDOKA RETURN FLOW CREDIT:	0.	CFS
MINIDOKA TOTAL CREDIT:	7495.	AF
GAIN AVERAGING ADJUSTMENT:	15846.	AF

EXCHANGE PUMP DATA

EXCHANGE PUMP	CFS PUMPED	AF YR TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR TOTAL
1 COVINGTON BROS	0.	0.0	8 M PARKINSON	0.	0.0	15 D, L, & R ARD	0.	0.0
2 L LOOSLI	0.	0.0	9 D BOTT	0.	0.0	16 HINK, INC.	0.	0.0
3 USBR 2	0.	0.0	10 C HOOPES	0.	0.0	17 R & J BROWN	0.	1244.2
4 STEVECO CANYON	0.	1608.0	11 USBR 5	0.	0.0	18 USBR 3	0.	0.0
5 CANYON CR LAT	0.	0.0	12 HOOPES BROS	0.	0.0	19 USBR 1	0.	0.0
6 B PARKINSON	0.	0.0	13 RICKS, R.	0.	0.0	20 MINIDOKA CREDIT	0.	7495.0
7 V SCHWENDIMAN	0.	0.0	14 EHCO RANCH	0.	0.0			

YEAR TO DATE TOTAL = 10347.3 AF

GAGES

18	AB S LI	TO ST ANTHONY	MAY 15	1741.	1755.	1740.	0.	14.	0.	1.	5.	1741.	19860823
19	ST ANTH	TETON FORKS	MAY 15	1536.	682.	669.	0.	13.	0.	866.	868.	-205.	19860823
47	TETON FORKS TO MOUTH	*	MAY 15	1536.	605.	596.	0.	9.	0.	73.	77.	0.	19860823
20	AB NF TETN TO REXBURG		MAY 16	5845.	2575.	2761.	0.	-186.	0.	0.	0.	137.	19860823
21	LORENZO TO MENAN	*	MAY 16	22700.	7707.	12666.	0.	-4959.	0.	325.	325.	0.	19860823
5	MENAN TO NR IDAHO FALLS		MAY 16	22105.	6609.	10584.	0.	-3975.	0.	1487.	1489.	-595.	19860823
36	NR ID FALLS TO AB WLW CR	*	MAY 16	22105.	6267.	10289.	0.	-4021.	0.	295.	342.	0.	19860823
23	WILLOW CRK BLW TEX CREEK		MAY 16	85.	85.	85.	0.	0.	0.	0.	0.	85.	19860823
24	BLW TEX CREEK TO NR RIRI		MAY 16	85.	60.	85.	0.	-25.	12.	0.	0.	0.	19860823
25	NR RIRIE TO FDWY NR UCON		MAY 16	78.	0.	25.	0.	-25.	0.	52.	618.	-7.	19860823
28	FDWY NR UCON TO END	*	MAY 16	78.	0.	25.	0.	-25.	0.	0.	0.	0.	19860823
31	WILLOW CRK TO SHELLEY		MAY 17	21901.	5312.	9493.	0.	-4181.	0.	540.	540.	-281.	19860823
6	SHELLEY TO AT BLACKFOOT		MAY 17	21605.	1815.	5978.	0.	-4164.	0.	3218.	3319.	-297.	19860823
22	AT BLKFOOT TO BLW BLKFT	*	MAY 17	21605.	1645.	5818.	0.	-4173.	0.	160.	170.	0.	19860823
38	BLW BLKFT TO NR BLKFOOT		MAY 18	21381.	1292.	5595.	0.	-4303.	0.	0.	0.	-223.	19860823
39	PORTNUEF R AT POCATELLO		MAY 18	107.	107.	107.	0.	0.	0.	0.	0.	107.	19860823
7	NR BLACKFOOT TO NEELEY		MAY 19	22851.	10233.	7065.	0.	3168.	83.	0.	313.	1362.	19860823
8	NEELEY TO MINIDOKA		MAY 19	23170.	8025.	5626.	0.	2398.	97.	1757.	2612.	319.	19860823
9	MINIDOKA TO MILNER		MAY 20	23240.	216.	0.	0.	216.	0.	5697.	8089.	70.	19860823

* - INDICATES FLOW ESTIMATED, NOT MEASURED

TOTALS 23240. 27316. 23240.

	RESERVOIR	PREVIOUS AF	CURRNT AF	CHNG CFS	ACCRD CFS	TOTAL AF	EVAP AF
1	JACKSON LAKE	790235.0	798529.0	4181.5	1436.1	484696.7	0.0
2	PALISADES	1066923.0	1063441.0	-1755.5	0.0	606000.2	6624.5
3	HENRYS LAKE	86480.0	86476.9	38.8	0.0	68951.7	0.0
4	ISLAND PARK	135125.0	135041.0	-42.3	0.0	75000.0	1725.4
5	GRASSY LAKE	14846.6	14967.4	60.9	0.0	12000.0	0.0
6	RIRIE	64906.0	64892.4	-6.9	0.0	0.0	728.9
7	AMERICAN FALLS	1415589.0	1402360.0	-6669.5	0.0	1291227.0	5270.1
8	LAKE WALCOTT	94245.1	94131.8	-57.1	0.0	95200.0	6273.2
9	LAKE MILNER	35918.2	35725.9	-97.0	0.0	0.0	0.0
	TOTAL	3704187.9	3695565.4	-4347.1	1436.1	2633075.7	20622.1

	PRIORITY	RESERVOIR	AF RIGHT	AF STORED
	1	JACKSON LAKE	298981.0	276867.7
	2	LAKE WALCOTT	95200.0	95200.0
	3	JACKSON LAKE	138829.0	138829.0
	4	JACKSON LAKE	409190.0	69000.0
	5	HENRYS LAKE	79350.0	58301.7
	6	PALISADES	259600.0	259600.0
	7	ISLAND PARK	45000.0	45000.0
	8	AMERICAN FALLS	156830.0	156830.0
	9	AMERICAN FALLS	1515760.0	1134397.0
	10	ISLAND PARK	90000.0	30000.0
	11	GRASSY LAKE	15204.0	12000.0
	12	PALISADES	940400.0	346400.2
	13	HENRYS LAKE	10650.0	10650.0
	14	RIRIE	80500.0	0.0
	15	AMERICAN FALLS	0.0	0.0
	16	PALISADES	0.0	0.0

	CHANGE IN CONTENT	STORAGE DIVERTED	STO PAST MILNER	TOTAL STORED	UNACCT STORED	AM FALLS GAIN DIFF
YEAR-TO-DATE AF	1703417.4	183200.9	59789.9	1949496.5	17610.3	-3585.6

DIVERSION DATA - MAY 20, 2007 20070911^@

	DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG
1	P BIRD	0	0	0	0
2	BOY SCOUT PUMP	0	0	0	0
3	A ROSTAD	0	0	0	0
4	R ROSE	0	0	0	0
5	PALISADES CANAL	64	0	0	0
6	J FLEMING	0	0	0	0
7	MERT OGDEN	0	0	0	0
8	LYNN DIXON	0	0	0	0
9	J CHICK	0	0	0	0
10	L JACOBSON	0	0	0	0
11	I SPAULDING (TR)	0	0	0	0
113	L FRANSEN (29)	0	0	0	0
114	L BRATT	0	0	0	0
115	L LOOSLI #1	0	0	0	0
116	DEWEY	15	0	26	-26
117	J SEELEY	0	0	0	0
118	YELLOWSTONE	0	0	0	0
119	ATCHLEY PMPS (10	0	0	0	0
120	MARYSVILLE	0	0	0	0
121	F & L GRIFFEL	0	0	0	0
122	R BAUM	0	0	0	0
123	G/6 (10)	0	0	0	0
225	N FULLMER	0	0	0	0
226	D BOYCE	0	0	0	0
227	B TOMCHAK #1	0	0	0	0
228	C BOYCE	0	0	0	0
229	STIENKE-MURDOCK	0	0	0	0
230	L CARLSON N (12)	0	0	0	0
231	B TOMCHAK #2	0	0	0	0
232	L CARLSON S (12)	0	0	0	0
233	H BROWN	0	0	0	0
234	KINGSTON NTH	0	0	0	0
235	G OFFUT (12)	0	0	0	0

Monthly	No.	ID	ACC	LIST	STR. PARAMETER	Data Name	USGS
✓	—	13043000	∅	∅	∅	Henrys Fork nr Ashton	R.T. 1903
✓	—	13047600	∅	∅	∅	Teton River nr. Ashton	RT 1913.
∅	10	13050590	1	∅	∅	St. Anthony to Above * Calculated NF Teton	—
∅	47	13055300	1	∅	∅	Teton forks to mouth * Calculated	misc sites
∅	—	13057000.	∅	∅	∅ St.	Snake River near Menan	RT 1923
∅	21	13057026	1	∅	∅	LORENZO TO MENAN	—
∅	36	13057260	1	∅	∅	NR IDAHO FALLS TO ABV WILLOW CR. *Calcul	—
∅	28	13058550	1	∅	∅	FDWY NR UCON TO END *Calcu	—
∅	22	13063600	1	∅	∅	AT BLACKFOOT TO BLW BLACKFOOT *Calcul	misc. site
∅	—	13085065	∅	(	∅		—

01 List

RT = Real Time

USGS Name / Forms/History Name

13050590 HENRYS FORK ABV NF TETON

13055300 NR TETON RIVER AT LAST BRIDGE NR STREAM > USGS Name Discontinued 1977-1978 P.O.R. , Daily
↳ Listed in History - FORMS DB

13057260 SNAKE RIVER ABV Willow Ck

13063600 ↳ LITTLE BLACKFOOT RIVER NR HENRY ID
↳ Listed in History Forms DB.

13085065 Dinwoody Snake River Reclamation

w/ & w/o Differences within ±5% River Gage, Res Stage error!

THIS MATTERS ONLY IF SPRING CK IS THE BEST SIGNAL

ADJUSTED for:

TRUE - EST = Δ

take 1.00% of ABS Δ

X Δ = ADJUSTMENT

PHREATOPHYTIC Vegetation

MODERATE FLOW...

SHIFTS

measure G_m

G_m → TABLE → G_H

G_H - G_H FIELD READ

SHIFT

INDEXES THE INFLUENCE OF THE SPRING CR. INFLOW TO THE EXCHANGE

Normal Calculation of outflow - inflow + ΔSTOR

"TRUE VALUE" = outflow - inflow + ΔSTOR

State of Idaho
DEPARTMENT OF WATER RESOURCES
1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720 -(208) 327-7900

CECIL D. ANDRUS
GOVERNOR
R. KEITH HIGGINSON
DIRECTOR

M E M O

TO: Ron Carlson, Lyle Swank - Water District 1

FROM: Bob Sutter - Hydrology

DATE: December 27, 1989

SUBJECT: Blackfoot to Neeley Gains

This memo describes the new procedure incorporated in the water right accounting program to compute the Blackfoot to Neeley daily reach gain. The previous method computed this gain simply from inflow-outflow and averaged it over a 15 day period. Because of gaging errors, the old method produced gains which fluctuated excessively at times. The new method, based on USGS Report 87-4063, tends to minimize this fluctuation.

As recommended by Report 87-4063 "Estimates of Gains and Losses for Reservoirs on the Snake River from Blackfoot to Milner, Idaho, for Selected Periods, 1912 to 1983," the Blackfoot to Neeley gain is based on the largest groundwater tributary, Spring Creek. The equation $Q = 2140 + 6.9\ (Q_s)$ was developed using mean monthly data from August 1980 through September 1982 where Q is the Blackfoot to Neeley ungaged gain in cfs and Q_s is the discharge of Spring Creek at Sheepskin Road in cfs minus 250 cfs. The Blackfoot to Neeley ungaged gain was computed as:

$$\text{Gain} = Q_N + D + E \pm SC - Q_B - Q_P - R \qquad (1)$$

where

Q_N = discharge of the Snake River at Neeley,
D = discharge diverted from irrigation,
E = evaporation from American Falls Reservoir,
SC = change in reservoir storage,
Q_B = discharge of the Snake River near Blackfoot,
Q_P = discharge of the Portneuf River at Pocatello, and
R = precipitation on reservoir water-surface area.

Because more data is now available, a new regression equation was computed using monthly data for water years 1981 through 1988. Data for 1984 were omitted as the computed ungaged inflows were obviously incorrect due to gaging errors. The

equation Q = 5.0 (S) + 1040 was derived where Q is the Blackfoot to Neeley ungaged reach gain and S is the discharge of Spring Creek at Sheepskin Road. The standard error of deviations was 320 cfs compared with 322 cfs using the 1980-82 data, hardly an improvement. The correlation coefficient was only 0.42, thus indicating that only about 17 percent of the variation in ungaged inflow was explained by the Spring Creek discharge.

In order to minimize the effects of erroneous end of month reservoir contents and gaging errors, the annual ungaged inflows were used in a regression with annual Spring Creek discharge for 1981-88, again dropping the 1984 year. This regression produced the equation Q = 5.2 (S) + 970 with a standard error of deviations of 119 cfs and a correlation coefficient of 0.81, thus explaining over 60 percent of the variation in ungaged inflow from Spring Creek.

The above monthly and annually derived equations are quite similar and produce almost the same estimate of ungaged inflow for a given Spring Creek flow. The annually derived equation -

$$Q = 5.2\ (S) + 970 \qquad (2)$$

was chosen to compute an initial daily cfs estimate of the ungaged inflow to American Falls (Blackfoot to Neeley gain) from Spring Creek (S) at Sheepskin Road for the water right accounting.

A procedure was then devised to modify this computed gain such that a surplus or deficit of water would not be created. The long-term (cumulative) gain must eventually become equal to the gain computed from the reach inflow-outflow (equation 1). During the daily water right accounting, the Blackfoot to Neeley gain is computed using both equation (1) and equation (2). A cumulative total of the difference in the two estimates is computed each day. A coefficient is then computed by multiplying this total by 0.0001. To compute the daily gain, this coefficient is then applied to the cumulative total difference and the resulting value is added to the gain computed from Spring Creek (equation (2)).

For example, if the inflow-outflow gain (equation (1)) is computed as 3000 cfs and the Spring Creek gain is computed as 2500 cfs, 500 cfs-days is added to the cumulative difference, say 1500 cfs-days. This gives a current cumulative difference of 2000 cfs-days. Thus far then we have underestimated the gain by 2000 cfs-days. Then compute the gain adjustment coefficient as

0.0001 (2000) or 0.2, and multiply 0.2 times 2000 for an adjustment of 400 cfs. The 2500 cfs gain is then adjusted upwards by 400 cfs to 2900 cfs. Therefore, as the cumulative difference increases, the proportion of the adjustment also increases, preventing the cumulative difference from becoming too large.

The 0.0001 factor was chosen arbitrarily and will be subject to adjustment. A cumulative gain difference of ± 2000 acre-feet will result in an adjustment of 10 percent or 100 cfs. A cumulative gain adjustment of 5000 acre-feet will result in an adjustment of 25 percent or 625 cfs. Therefore, differences below ± 2000 acre-feet will cause minor adjustments and above ± 5000 acre-feet will cause major adjustments. Increasing the 0.0001 factor will cause greater adjustment and vice-versa. The factor will be adjusted downward if the Blackfoot to Neeley gain fluctuates too greatly and upward if the cumulative gain difference grows too large.

Also attached to this memo is a copy of a memo from Bill Ondrechen concerning evaporation estimates at American Falls. We will be using Wright-Penman reference ET to estimate reservoir evaporation instead of pan evaporation. As described in the memo, this involves using a coefficient of 0.8 instead of 0.7. The reference ET values are well maintained on the Hydromet system whereas pan evaporation is not, so this should eliminate problems we have had in the past. Another change from past procedure is that precipitation at American Falls will be subtracted from evaporation to compute a net evaporation from the water surface. This will be done for April 1 through October 31 (Milner time) and the amount of precipitation that can be used to offset evaporation will be limited to the evaporation so that a net gain will not occur.

BS:cjk
Attachment