

2011 ANNUAL REPORT

WATER DISTRICT 1

SNAKE RIVER AND TRIBUTARIES

ABOVE MILNER, IDAHO

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## SUMMARY

At the end of the 2010 water year (September 30, 2010), the upper Snake River reservoir system contained 1,911,600 acre-feet of storage water. The total reservoir system storage was 392,100 acre-feet less than it was the same day the previous year. This represented a system filled to 46% of capacity. The amount of water needed to completely fill the reservoirs would be an additional 2,261,100 acre-feet of storage. The reservoir system continued to be drafted for sixteen additional days later and on October 16<sup>th</sup> contained 1,743,700 acre-feet of storage in the system. By midnight of October 31<sup>st</sup>, 2010 (Milner time), which marked the end of the 2010 irrigation year and beginning of the 2011 irrigation year, an additional 99,600 acre-feet of storage had been added to the reservoirs to bring the total storage up to 1,843,300 acre-feet to start the 2011 season.

The water year started off with above-average precipitation in October, November and December, resulting in a 116% April-July projected runoff for the Snake River near Heise on January 1<sup>st</sup>. Year-to-date precipitation continued to be above-average for the next three months, increasing the Heise runoff projection to 130% on April 1<sup>st</sup>. Forecasted percentages continued to increase over the next two months as precipitation during April and May was much above-average, and the cool spring temperatures allowed the snowpack to continue to increase into May. The June-July forecast, issued on June 1<sup>st</sup>, projected 178% of average runoff for the two-month period. The actual runoff for the April-July time period near Heise was measured as 150% of the 3,560,000 acre-feet 30-year long-term average.

Because of the high projected runoff, Palisades and Jackson were operated for flood control. Palisades was drawn down to 10% of its active capacity by early May, and Jackson was drawn down to 43% of its active capacity by early June. Releases from Palisades continued to increase to keep up with the runoff, peaking at 26,100 cfs on June 7. The unregulated peak flow at Heise (the flow that would have occurred had Palisades and Jackson Dam not been built) was 46,200 cfs on June 25<sup>th</sup>. Runoff continued through July, and allowed the reservoirs to fill all of the space that was evacuated for flood control by the time the maximum allocable reservoir system contents were reached on July 29<sup>th</sup>. All reservoirs received 100% storage allocations (less evaporation), as shown in Table 18 of this book.

With abundant water supplies, the filling of the Idaho Water Resource Board (IWRB) 1980-priority recharge water right occurred both above and below American Falls during the spring and below American Falls during the fall of the 2011 irrigation season. In total, nearly 114,000 acre-feet of the IWRB natural flow recharge was completed. The IWRB also supported a fall recharge effort above American Falls utilizing the recharging entities storage water. This effort accounted for an additional 4,200 acre-feet recharged. In addition to the IWRB sponsored recharge, a private recharge effort also began to take shape to try and take advantage of the plentiful water supply. The private recharge effort was managed by the Eastern Snake Plain Recharge Alliance (ESPRA). In total, participating canals in ESPRA recharged 29,400 acre-feet of their own storage water. Finally, 10,500 acre-feet of water was recharged by other canal entities that was not a part of either the IWRB or ESPRA recharge efforts. In total, nearly 158,000 acre-feet of water was recharged in 2011.

Rental Pool purchases totaled 221,118 acre-feet, with the USBR renting 185,000 acre-feet according to the rental procedures' rainbow chart. With an abundant water supply outlook for the season, rentals for uses above Milner only totaled 1,118 acre-feet. Idaho Power was the largest renter, purchasing 35,000 acre-feet for use below Milner. In addition to the rental from the Common Pool, the Committee of Nine amended the Water District #1 Rental Pool Procedures creating a new Supplemental Pool (Rule 8.0) in addition to the Common Pool in June of 2011. Rule 8.0 provides a voluntary mechanism for spaceholders to lease storage for hydropower purposes below Milner. The supplemental rental pool provided an additional 15,000 acre-feet to Idaho Power. A complete listing of individual rental pool purchases can be found in Table 31. Private leases shown in Table 32 totaled 89,227 acre-feet. The USBR used 22,500 acre-feet of its uncontracted space plus 185,000 acre-feet of rental for flow augmentation from July 29<sup>th</sup> to August 27<sup>th</sup>. Idaho Power used its 43,780 acre-feet preliminary storage allocation, 50,000 acre-feet of WD1 rental, and 45,716 acre-feet of Shoshone-Bannock Tribes rental during the period of August 1<sup>st</sup> to September 11<sup>th</sup>.

Initial carryover towards the end of the storage-use season was 2,828,306 acre-feet. After late-season fill was added, rental supplies deducted, and adjusted for the 157,000 acre-feet of Palisades powerhead space, the October 31, 2011 reservoir system held 2,703,142 acre-feet of final carryover in its reservoir contents to start the 2012 irrigation year, as shown on Table 28 in this book.



## WATER DISTRICT 1 ANNUAL MEETING

Title 42, Chapter 6 of the Idaho Code provides the legal mechanism by which the use of water can be regulated. The first step in this process is for the director of the Department of Water Resources to create a water district. The director took this action in 1919 to establish Water District 1. Each year it is the responsibility of the water users within the district to meet, as provided by law, to elect a watermaster, set the budget for the ensuing year, and pass such resolutions as are necessary and helpful in assuring an orderly and equitable distribution system. The results of the actions taken by water users of Water District 1 at their annual meeting are summarized as follows:

The annual meeting of Water District 1 was held on March 1, 2011, in Idaho Falls, Idaho. Lyle Swank was elected the watermaster for the ensuing year.

The following people were elected as members of the Committee of Nine:

Ed Clark, Chairman; Dan Shewmaker, Vice-Chairman; Alan DeGiulio, Alan Kelsch, Leonard Beck, Tebbin Johnson, Stan Hawkins, Albert Lockwood, and Rodney Dalling.

Alternates: Jeff Raybould; Dale Swenson, Secretary; Mike Wilkins; Scott Breeding; Greg Ledbetter; Claudon Lilya; Paul Berggren; Darryl Ker; and Lloyd Hicks.

Advisory members: Arnold Woolstenhulme, Clay Harrison, Randy Brown, Lynn Harmon, Chris Ketchum (USBR), and Pat Tyrrell (Wyoming State Engineer).

The principle resolutions adopted at the annual meeting were as follows:



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1. ANNUAL MEETING OF WATER DISTRICT

BE IT RESOLVED, That the annual Water District 1 meeting shall 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. Nevertheless, Water District 1 will attempt reasonable notice of the annual meeting.

2. WATERMASTER

BE IT RESOLVED, 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 divert or use water not provided by their legal rights to the water supply; that the watermaster maintain accurate records of water delivered to each water user; and

That the watermaster shall, by using available measured data and the best available estimates where data is unavailable, 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 the watermaster shall prepare the Annual Watermaster's Report as required by Idaho Code § 42-606 and a proposed budget for the succeeding year as 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; and

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; and

That the watermaster shall not deliver water to any ditch, canal company or other water user until receipt of the amount due and payable from such user is paid.

3. 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 depository which complies with the public depository law as contained in Chapter 1, Title 57, Idaho Code; 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 Idaho Department of Water Resources (IDWR); and

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; and

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 Code § 42-613A; and

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 IDWR; and

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

4. 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 assistant, 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 therefore, an extension of that term as provided by the director of the Idaho Department of Water Resources (IDWR) 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 IDWR.

- b. Treasurer. That the Treasurer shall be a current member of the Committee of Nine, and shall serve a term of one year, or until a successor is elected or appointed. The treasurer's compensation shall be set by the Committee of Nine, but not to exceed the sum provided in the 2011 Water District 1 budget. Alan Kelsch is hereby elected Water District 1 Treasurer.

## 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 assessed and collected from all water users in the district for the succeeding year. The actual deliveries for the past irrigation season or seasons will be the basis for the allocation of said expenses to the individual water users, canal companies, and irrigation districts. The amount assessed shall constitute a final determination of the amount due for that year, pursuant to Idaho Code §42-612(5); and

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; and

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

The budget for Water District 1 for the 2011 year beginning November 1, 2010 be as follows:

6. 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.

7. 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.

8. FILING OF RESOLUTIONS

BE IT RESOLVED, That resolutions 2, 3, 4, 5, 6 and 7 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 Idaho Department of Water Resources and a certified copy with the county auditors of Bonneville, Teton, and Fremont Counties.

9. 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 IDWR, a copy of which is attached hereto as Exhibit A and made a part hereof as if set out at length herein.

10. 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.

11. 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 selected by their respective districts and approved by the water users at the annual meeting of Water District 1. The member representing the Burley and Minidoka Irrigation Districts and the member representing the West side and East side of the Henrys Fork District shall be alternated between the two districts as they agree. Alternates for each committee member may be approved in the same manner as regular committee members at the annual meeting. Advisory members to the Committee of Nine may consist of a representative from the United States Bureau of Reclamation, the Teton Basin, the AFRD #2, A & B Irrigation District, the Wyoming State Engineer, or others as approved by the Committee of Nine.

12. CREDENTIALS

WHEREAS, The water users of Water District 1 have historically specified that "no person be elected to membership and service on the Committee of Nine ... 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 a and b above.

13. 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, and as such each Committee of Nine district shall be limited to one vote by either its regular Committee of Nine member or its approved alternate;

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.

14. 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 Endangered Species Act and the negotiation of federal claims and tribal claims filed in the Snake River Basin Adjudication, 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. 13.

15. 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;

NOW, THEREFORE, BE IT 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 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.

16. 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 Idaho Code §42-613A; and

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; and

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 water users of Water District 1, meeting in regular annual session this first day of March, 2011, that the following procedures be implemented to govern the relationship between legal firms employed by the Committee of Nine, 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.

17. 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, Discussions and petitions regarding these excess storage uses can be time-consuming and can result in delays in making payments to rental pool participants;

NOW, THEREFORE, BE IT RESOLVED, That the Committee of Nine is authorized to maintain \$100,000 of the funds generated through the administrative fee placed on water rentals for the purpose of assuring rental pool participants can be paid in accordance with the Water District 1 Rental Pool Procedures.

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.

18. 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.

19. SPECIAL ASSESSMENTS-UPPER VALLEY WATER USERS

WHEREAS, The water users located above Blackfoot, excluding irrigation entities which have duly and timely opted out of the upper valley legal services assessments by retaining their own individual counsel, (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 unless an alternative method is adopted;

NOW, THEREFORE, BE IT RESOLVED, This first day of March 2011, that the watermaster hereby be authorized to assess canals located above Blackfoot (excluding irrigation entities which have duly and timely opted out of the upper valley legal services assessments by retaining their own individual counsel) 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 and that the assessments will be made in proportion to their water use or in a manner acceptable to and approved by representatives of the water users of the upper valley.

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.

20. RENTAL POOL PROCEDURES OF COMMITTEE OF NINE

BE IT RESOLVED, That the following Water District 1 Rental Pool Procedures be approved by the Idaho Water Resource Board as follows:

See the Rental Pool Section.

21. 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 Snake River Basin Adjudication (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 Idaho Water Resource Board;
- 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 individuals, entities, federal government and/or Indian tribes and in challenging and defending claims in the SRBA or other necessary litigation.

## 22. 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 first day of March, 2011, that the Committee of Nine be authorized to expend the resources necessary to establish in the Snake River Basin Adjudication (SRBA) that past administration represents a vital element of a water right and must be preserved in the adjudication of rights in the SRBA.

## 23. 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 first day of March, 2011, 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 or any other McCarran Amendment adjudications to which they are a party in the state of Idaho.

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.

24. 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 Settlement Agreement of 2004 or is in breach of any contract between spaceholders and the United States Bureau of Reclamation or is an abrogation of any such contract; and

BE IT FURTHER RESOLVED, That any such water acquired for salmon recovery purposes be as per the Nez Perce Water Rights Settlement Agreement in compliance with the Water District 1 Rental Pool Procedures and with clear preference for the rental process over permanent acquisition; and

BE IT FURTHER RESOLVED, That the water users of Water District 1 continue in support of the Nez Perce Water Rights Settlement Agreement; and

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.

25. ENDANGERED SPECIES ACT

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

WHEREAS, Special interest groups use the ESA to obstruct beneficial water resource projects; and

WHEREAS, The appropriate federal agencies do not adequately or appropriately administer the ESA; 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.

26. 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 United States Army Corps of Engineers (USACE) nor Environmental Protection Agency (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 de minimus exception to the “discharge of dredged material” and the exemption of “incidental fallback”;
- d. The USACE 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 USACE 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 USACE 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 USACE, Idaho Department of Environmental Quality and other federal and state agencies;
- k. That neither the USACE nor EPA nor any other federal agency or officer shall utilize any provision or program under the Clean Water Act to require National Pollutant Discharge Elimination System (NPDES) permits for inter- or intra-basin water transfers and that the agencies adopt regulations exempting such water transfers from NPDES permits.

27. RECHARGE.

WHEREAS, Water levels in the Eastern Snake Plain Aquifer (ESPA), as well as surface water flows, have declined over the past several years due to changes in irrigation delivery operations and practices, drought, and groundwater pumping; and

WHEREAS, These declining water levels and surface water flows may be improved by managed recharge at various locations on the Snake River Plain as determined by the ESPA model and recharge study; and

WHEREAS, Managed recharge is recharge of the ESPA by authorized diversion and use of storage or natural flow water rights in existing irrigation delivery facilities; 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 the water users of Water District 1 support continued efforts and funding to identify and implement the most effective managed aquifer recharge sites and projects, which would, replenish ground water levels and surface and spring flows;

BE IT FURTHER RESOLVED, That the water users of Water District 1 support recharge and are ready, willing and able to provide facilities to commence recharge upon clearly defined recommendations or proposals from the state of Idaho and Idaho Water Resource Board (IWRB);

BE IT FURTHER RESOLVED, That the water users of Water District 1 support and urge the Idaho Water Resource Board to work with the Committee of Nine, canal companies and irrigation districts on management of the recharge component of the ESPA Comprehensive Aquifer Management Plan.

28. CONTINUED SURFACE WATER DELIVERY OPERATIONS

WHEREAS, Ground water levels and surface water flows may decline by changes to surface water delivery operations, including reduced incidental recharge; and

WHEREAS, Preventing further declining water levels and surface water flows may be accomplished by supporting continued surface water delivery operations, including continued incidental recharge from these operations;

WHEREAS, Water users in Water District 1 may take actions to improve surface water delivery operations, including implementing conservation or efficiency measures;

NOW, THEREFORE, BE IT RESOLVED, That the water users of Water District 1 support continued surface water delivery operations, including incidental recharge from these operations;

BE IT FURTHER RESOLVED, That the water users of Water District 1 recognize a water delivery entity's right to change surface water delivery operations, including implementing conservation or efficiency measures.

29. USBR OPERATION & MAINTENANCE (O&M) ACTIVITIES

WHEREAS, The United States Bureau of Reclamation (USBR) 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 some facilities may have engineering, design, and construction flaws; and

WHEREAS, The USBR 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 USBR to:

- a. Work with their contracting spaceholders 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 contracting spaceholders, 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 contracting spaceholders;
- c. Work with their contracting spaceholders on planning, budgeting, bidding, and managing extraordinary maintenance and renovation activities on applicable facilities in order to contain costs and maximize benefits;
- d. Work with contracting agencies and construction contractors and their bonding agents to reimburse spaceholders for costs that have occurred or may occur due to engineering, design, and construction flaws in applicable facilities;
- e. If requested by their contracting spaceholders, 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
- f. Work with Congress and the Administration to obtain alternative funding sources to assist their contracting spaceholders in covering the added costs of complying with environmental, species protection laws or flawed structural design in maintaining and restoring USBR facilities in the West.
- g. Encourage the USBR to only include those costs associated with the actual delivery of water to agricultural purposes in the O&M Budgets which are billed to agricultural water users.

### 30. FLOW AUGMENTATION STUDY

WHEREAS, The National Oceanic and Atmospheric Administration 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 the Idaho Water Supply Bank, and local rental pools 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 United States Bureau of Reclamation (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; and

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 (ISAB), 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 Settlement 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.

31. 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 steelhead, and other nonresident species above the Hells Canyon Complex of hydroelectric dams;

BE IT FURTHER RESOLVED, That the water users of Water District 1 urge the Federal Energy Regulatory Commission (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 all upstream beneficial uses.

32. NOAA FISHERIES SALMON/STEELHEAD LISTINGS/HATCHERY POLICY

WHEREAS, National Oceanic and Atmospheric Administration Marine Fisheries Service (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 policies 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 United States Bureau of Reclamation'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 listed Snake River sockeye as "endangered", and the Snake River fall Chinook, spring/summer Chinook, and steelhead as "threatened" despite increasing number of returning adult salmon and steelhead over several 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

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;

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 future efforts by the Idaho Water Users Association and the Coalition for Idaho Water to overturn NOAA Fisheries' proposed hatchery policy and listing determinations.

33. 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 Algacide 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 National Pollutant Discharge Elimination System (NPDES) permit under the Clean Water Act (CWA); 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 CWA; and

WHEREAS, The Ninth Circuit Court of Appeals held that aquatic herbicides, used in compliance with FIFRA label, are not “pollutants” under the CWA and therefore do not require an NPDES permit; 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 these challenges were consolidated in the Sixth Circuit Court of Appeals; and

WHEREAS, The Sixth Circuit Court of Appeals affirmed a prior district court decision invalidating EPA's final rule in 2009 and the U.S. Supreme Court recently denied a petition for further review; and

WHEREAS, In June 2010 EPA issued a draft Pesticide General Permit in compliance with the Sixth Circuit's Opinion, requiring irrigation entities to conduct extensive reporting and monitoring; and

WHEREAS, The U.S. House of Representatives has held a joint public hearing on February 16<sup>th</sup>, 2011 to consider reducing the regulatory burdens posed by the case *National Cotton Council v. EPA* (6<sup>th</sup> Cir. 2009) and to review related draft legislation;

NOW, THEREFORE, BE IT RESOLVED, That the water users of Water District 1 support legislation 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 requirements for individual NPDES permits for such applications.

34. FCRPS 2008 BIOLOGICAL OPINION LITIGATION (NWF v. NMFS)

WHEREAS, In 2008 National Oceanic and Atmospheric Administration Marine Fisheries Service (NOAA Fisheries) released a final biological opinion (BiOp) on the Federal Columbia River Power System (FCRPS) regarding Snake River and Columbia River anadromous fish; and

WHEREAS, Several environmental groups have alleged the 2008 FCRPS BiOp 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 and 2004 FCRPS biological opinions, *National Wildlife Federation v. NMFS*; and

WHEREAS, The Court ordered the U. S. Army Corps of Engineers (USACE) to "spill" water at various FCRPS dams throughout the summers of 2005-2009, approximately costing Bonneville Power Administration (BPA) over \$200 million dollars in lost power revenues; and

WHEREAS, The Court previously issued decisions for injunctive relief, ordering the USACE to continue to "spill" water at various FCRPS dams throughout the summers of 2006-2009, 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 Court recently temporarily remanded the case back to NOAA Fisheries to include additional measures in the BiOp and indicated that a decision on the merits of the 2008 BiOp would follow; and

WHEREAS, NOAA Fisheries issued a supplemental 2010 BiOp finding that the continued operation of the FCRPS is not likely to jeopardize the continued existence or destroy or adversely modify the critical habitat of the listed species; and

WHEREAS, The water users of Water District 1 do not agree that United States Bureau of Reclamation's (USBR) 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, including 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.

35. UPPER SNAKE BIOLOGICAL OPINION LITIGATION

WHEREAS, Various environmental groups filed a lawsuit against National Oceanic and Atmospheric Administration Marine Fisheries Service (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 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 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' Federal Columbia River Power System (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, NOAA Fisheries issued a new biological opinion in May 2008; 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 2011 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, and continue to monitor the progress of the case and any future ordered remands by the Court.

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.

36. DOI – WaterSMART Initiative

WHEREAS, The Department of the Interior (DOI) and the United States Bureau of Reclamation (USBR) unveiled a new program in 2003 entitled "Water 2025" also known as "Water for America Initiative" now being referred to as "WaterSMART" 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 "WaterSMART" program is being implemented;

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 “WaterSMART” 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 “WaterSMART” program in the future.

37. 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, and the Banbury Springs lanx; and

WHEREAS, The initial Endangered Species Act (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 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 2007 FWS removed 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, In 2009 FWS proposed to remove the Utah valvata from the federal list of endangered and threatened species; and

WHEREAS, In 2010 FWS removed the Utah valvata snail from the federal list of endangered and threatened species; and

WHEREAS, Removing the four remaining 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 delisting rule recently issued by FWS for the Idaho springsnail and Utah valvata.

BE IT FURTHER RESOLVED, That the water users of Water District 1 support petitions to de-list the Bliss Rapids snail, the Snake River Physa, and the Banbury Springs lanx, and oppose litigation that would seek to overturn any de-listing rules issued by FWS.

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 support FWS' finding that listing is not warranted.

#### 38. 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 Endangered Species Act (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 has 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 United States Bureau of Reclamation's Upper Snake Projects above Milner Dam;

NOW, THEREFORE, BE IT RESOLVED, That the water users of Water District 1 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 1 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.

#### 39. CRITICAL HABITAT DESIGNATIONS

WHEREAS, The National Oceanic and Atmospheric Administration Marine Fisheries Service (NOAA Fisheries) 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 repealed pursuant to a consent decree entered into by NMFS in *National Association of Home Builders v. Evans*; and

WHEREAS, NOAA Fisheries published its final critical habitat designations for 13 listed salmon and steelhead Evolutionarily Significant Units 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, NOAA Fisheries estimated the economic impact from these designations to be approximately \$35 million; and



WHEREAS, NOAA Fisheries 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, NOAA Fisheries failed to revise the critical habitat designations for threatened Snake River fall Chinook and spring/summer Chinook and endangered Snake River sockeye salmon; and

WHEREAS, The United States Fish & Wildlife Service (FWS) recently revised its 2005 designation of critical habitat for threatened bull trout to include five times the amount of critical habitat designated in Idaho in 2005, totaling 8,772 stream miles and 170,218 acres of lakes or reservoirs in Idaho; and

WHEREAS, Critical habitat designations have the potential for profound and devastating economic impacts upon various industries in Idaho as documented during the 2005 critical habitat designation process for bull trout; and

WHEREAS, NOAA Fisheries 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, NOAA Fisheries 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 NOAA Fisheries 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 NOAA Fisheries 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 NOAA Fisheries and FWS that adversely impact the economies of entities that hold contracts to stored water in U. S. Bureau of Reclamation projects.

40. 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 (USACE) and the National Wildlife Federation, the USACE has asserted that the decision rendered in *Headwaters, Inc. v. Talent Irrigation District*, 243 F.3d 536 (9<sup>th</sup> Cir. 2001) is binding upon the geographic jurisdiction of the 9<sup>th</sup> Circuit Court of Appeals, which includes Idaho; and

WHEREAS, The USACE 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 (CWA), 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 USACE 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 CWA, 33 United States Code §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 USACE’ 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 USACE 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 USACE 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 CWA, including the exemption for the construction or maintenance of irrigation ditches, or the maintenance of drainage ditches.

BE IT FURTHER RESOLVED, That the water users of Water District 1 oppose any attempts to designate irrigation ditches, canals, or drains as waters of the United States, including navigable streams, or tributaries of navigable streams.

41. USBR STORAGE RIGHT CLAIMS IN THE SRBA

WHEREAS, The Idaho Department of Water Resources (IDWR) has issued its Director’s Report for all water right claims within Water District 1; 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 a spaceholder's beneficial or equitable interest in those claims in a consolidated subcase involving USBR's reservoirs in Basin 63; and

WHEREAS, The Idaho Supreme Court, in *United States v. Pioneer Irrigation District et al.*, 144 Idaho 106, 157 P.3d 600 (2007), affirmed a spaceholder's beneficial or equitable interest in those claims in Basin 63; and

WHEREAS, The decision of *United States v. Pioneer Irrigation District et al.* has now been issued; 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 should join together with other water users in the SRBA and file a motion with the court asking it to amend all partial decrees for storage water in USBR facilities to be consistent with the beneficial or equitable interest of spaceholder language decided in *United States v. Pioneer Irrigation District et al.* and further request that IDWR support such motion.

BE IT FURTHER RESOLVED, That Water District 1 recognizes the terms and conditions of the *Eagle* decree.

42. 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;

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.

43. 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, 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.

BE IT 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.

44. 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 water management tool that can augment water supplies for all citizens of Idaho; 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 (RC&D); and

WHEREAS, Idaho Power Company has initiated its own cloud seeding program in cooperation with High Country RC&D;

NOW, THEREFORE, BE IT RESOLVED, That the water users of Water District 1 strongly encourage and support Idaho Power and 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 Henrys 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 1/3 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.

45. WATER MONITORING EXPENSES

WHEREAS, The Idaho Department of Water Resources incurs expenses for monitoring conditions of the Eastern Snake Plain Aquifer (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, BE IT RESOLVED, That because the efforts, models and tools of the Idaho Department of Water Resources are essential to water administration, and beneficial to the entire state of Idaho, the expenses of such efforts should be borne from the general fund of the state.

46. ADDITIONAL STORAGE

WHEREAS, Water is the most precious natural resource of the state of Idaho; and

WHEREAS, Water users of Water District 1 have been experiencing shortages in water availability and deliveries in recent years; and

WHEREAS, Continued, unprecedented drought, population growth and urban development, conjunctive administration, Endangered Species Act requirements and other additional demands are being placed on the already scarce water resources of the state; and

WHEREAS, Idaho stores a small percentage of its annual run-off in comparison with other states; and

WHEREAS, Additional storage would be beneficial for water users of Water District 1 for irrigation, domestic, municipal, commercial, industrial, recreation, flood control, resident fisheries, wildlife and other purposes; and

WHEREAS, New storage reservoirs can take many years to plan, design and construct; and

WHEREAS, The Teton Dam, Minidoka Dam enlargement, Twin Springs Dam, Galloway Dam and Lost Valley Dam have initially been identified by the director of the Idaho Department of Water Resources;

NOW, THEREFORE, BE IT RESOLVED, That the water users of Water District 1 encourage the Idaho Department of Water Resources and the Idaho Water Resource Board, in cooperation with other interested Federal and State agencies, local governments, water users and other citizens, to study potential storage projects, identify those that have the most benefit to the state of Idaho, and develop funding strategies to move forward with the planning, design and construction of those projects.

BE IT FURTHER RESOLVED, That the water users of Water District 1 urge the Governor and Legislature of the state of Idaho to allocate state funding and commit additional resources as necessary to assist in carrying out these objectives.

47. IDWR FUNDING

WHEREAS, State funding for the Idaho Department of Water Resources has not been adequate to keep pace with inflation and other increasing costs, especially when compared to other state agencies and the private sector; and

WHEREAS, Engineers, hydrologists and other specialized, technical positions at the Department are important for dealing with the critical water issues facing the state of Idaho, including urbanization, conjunctive administration and environmental demands; and

WHEREAS, The Idaho Department of Water Resources has lost several valuable employees and is not able to attract high quality new employees for these technical positions because of the wide difference in salary when compared to other state agencies and the private sector; and

WHEREAS, Unless the Idaho Department of Water Resources is adequately funded it cannot carry out its mandated responsibilities or shoulder new responsibilities as the water resources of the state become more valuable and scarce;

NOW, THEREFORE, BE IT RESOLVED, That the water users of Water District 1 support adequate funding for the Idaho Department of Water Resources, in order to bring the agency to parity with other state agencies and the private sector.

48. IWRB COMPREHENSIVE AQUIFER MANAGEMENT PLAN (CAMP)

WHEREAS, In 2006 the Idaho Legislature passed Senate Concurrent Resolution No. 136 requesting the Idaho Water Resource Board (IWRB) to prepare and submit a Comprehensive Aquifer Management Plan (CAMP) for the Eastern Snake Plain Aquifer (ESPA); and

WHEREAS, The IWRB with the assistance of Idaho Department of Water Resources and a stakeholder advisory committee completed the CAMP and IWRB approved it on January 29, 2009; and

WHEREAS, The stated goal of the CAMP is to “Sustain the economic viability and social and environmental health of the Eastern Snake Plain by adaptively managing a balance between water use and supplies”; and

WHEREAS, The objectives of the CAMP are to: 1) increase predictability for water users by managing for a reliable supply; 2) create alternatives to administrative curtailment; 3) manage overall demand for water within the Eastern Snake Plain; 4) increase recharge to the aquifer; and 5) reduce withdrawals from the aquifer; and

WHEREAS, The CAMP seeks to effect a total long-term water budget change in the ESPA by 600,000 acre-feet over a 20-year period, with a 200-300,000 acre-feet change within the first 10 years; and

WHEREAS, Implementation of the CAMP and its proposed actions is dependent upon adequate funding, including funding from the state of Idaho; and

WHEREAS, Many water users in Water District 1 have an interest in the sustainability of the ESPA to ensure water supplies for their water rights; and

WHEREAS, Differences exist among water users about funding for CAMP and the manner in which incidental recharge associated with irrigation from canals should be addressed;

NOW, THEREFORE, BE IT RESOLVED, That the water users of Water District 1 continue to support IWRB’s efforts in formulating and implementing CAMP for the benefit of the ESPA and support further negotiations to resolve the funding and incidental recharge issues;

BE IT FURTHER RESOLVED, That the water users of Water District 1 support and urge the state of Idaho to fund the state’s portion of the CAMP for purposes of the CAMP’s implementation.

49. **RIRIE RESERVOIR FLOOD CONTROL RULE CURVES**

WHEREAS, The flood control rule curves for Ririe Reservoir were developed prior to the time Ririe storage space was contracted; and

WHEREAS, The storage space in Ririe Reservoir is now contracted to Mitigation, Inc., an entity formed to mitigate the impacts to Upper Snake water users caused by the 1990 Fort Hall Agreement, and contracted space has proven to be unreliable and difficult to fill; and

WHEREAS, The enacting legislation allows for modification of flood control rule curves as conditions change; and

WHEREAS, The Standard Operating Procedures state the flood control objective of Ririe Dam is “to provide adequate storage space in the reservoir to regulate stream flow downstream insofar as possible to a non-damaging level, and yet still provide a near full reservoir at the end of the flood season for irrigation and other project purposes”; and

WHEREAS, Conditions in the Willow Creek basin have changed since the flood control rule curves were developed, including the establishment of an annual maintenance schedule to keep Willow Creek Canal, Sand Creek Canal and the Willow Creek Floodway channel free of ice during the winter; and

WHEREAS, The current flood control rule curves are not consistent with the hydrologic conditions on Willow Creek or with operation of an integrated Upper Snake reservoir system; and

WHEREAS, The Standard Operating Procedures require cooperation between the United States Bureau of Reclamation (USBR), United States Army Corp of Engineers (USACE), Idaho Department of Water Resources (IDWR), the Water District 1 Watermaster, water users, fish & game, local interests and others in order to provide maximum benefits for the region; and

WHEREAS, The water users of Water District 1 are dependent upon available water supplies and adjusting the flood control rule curves would increase the reliability of contracted storage supplies in Ririe Reservoir; and

WHEREAS, The USBR and USACE have completed the Phase I Study of Proposed Modifications of Flood Control Operations of Ririe Reservoir, which has shown how the re-evaluation of winter flood control operations could retain flood control benefits while also providing valuable storage benefits during some years, under the Alternative B;

NOW, THEREFORE, BE IT RESOLVED, That the water users of Water District 1 encourage the USBR and the USACE to change the flood control rule curves in Phase 2 of the Ririe Reservoir Study based on the hydrologic analysis completed in Phase 1 of the study, to better match the current conditions in the Willow Creek basin and to allow for a more dependable contracted storage supply in Water District 1 and providing for full mitigation of the impacts resulting from the 1990 Fort Hall Agreement.

#### 50. RESERVOIR & RIVER OPERATIONS

WHEREAS, The Committee of Nine has formed a sub-committee, with the acceptance of the United States Bureau of Reclamation (USBR), to meet with and receive updates on winter releases at Palisades Reservoir; and



WHEREAS, The fill of Palisades Reservoir is critical to the overall operations of the Water District 1's canal companies and irrigation districts; and

WHEREAS, Concerns have been raised over the USBR's winter operations at Palisades Reservoir and the effect those operations have on the availability of water for all uses including flow augmentation; and

WHEREAS, The past operations have shown additional involvement and discussion of sub-committee members may provide additional information necessary for successful fill operations in Palisades Reservoir;

NOW, THEREFORE, BE IT RESOLVED, That the water users of Water District 1 urge the USBR to incorporate recommendations from the sub-committee to the fullest extent possible consistent with other governing requirements to ensure a fill of Palisades Reservoir.

51. FAMILY FARM ALLIANCE

WHEREAS, The Family Farm Alliance is a national grass roots organization dedicated to supporting agriculture and water users both in Idaho and across the nation; and

WHEREAS, The Family Farm Alliance participates in lobbying Congress and raising awareness as to important agricultural issues, including water supply and water projects in Idaho;

NOW, THEREFORE, BE IT RESOLVED, That the water users of Water District 1 support participation in the Family Farm Alliance and support the Committee of Nine appointment of a person to represent the interests of Water District 1 to the Family Farm Alliance, as authorized by the Committee of Nine.

52. IWRB COMPREHENSIVE AQUIFER MANAGEMENT PLAN (CAMP) FUNDING

WHEREAS, The Idaho Water Resources Board (IWRB) has received approximately \$2.4 million from ground water users from Water Districts 130 and 140 as partial repayment for the purchase of Pristine Springs; and

WHEREAS, The legislature has been requested to shift the \$2.4 million from the IWRB's Revolving Development fund to the Secondary Aquifer Planning and Management Fund in order for the money to be available for grants contemplated in the Eastern Snake Plain Aquifer (ESPA) CAMP; and

WHEREAS, the Governor of the state of Idaho, Legislative leadership of the state of Idaho, and the Idaho Water Resources Board remain committed to CAMP; and

WHEREAS, Now is the time for all members of CAMP, including the implementation committee members, to stay at the table to work on a long-term funding mechanism and process for prioritizing and selecting projects on the ESPA in the future; and

NOW, THEREFORE, BE IT RESOLVED, That the water users of Water District 1 support and urge the Idaho Water Resource Board to work with the Committee of Nine and water users of Water District 1 on development and implementation of projects and funding from water users within Water District 1.

## 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:

**MEMORANDUM OF UNDERSTANDING - 2**

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 disbursements 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.

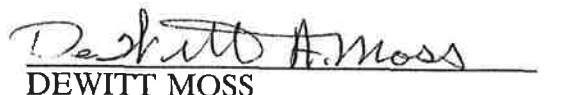
3) This memorandum of understanding will continue from year to year and can be amended or terminated at any time by agreement of the director of the Department and Water District No. 1, on the recommendation of the Committee of Nine.

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

MEMORANDUM OF UNDERSTANDING - 3

## **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 (at the IDWR rate), 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, unless serving in place of a Committee of Nine member, 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 specifically approved by the Committee of Nine.

## PERSONNEL

The process of accurately distributing water and regulating the use of water according to the various water rights requires the daily collection and compilation of a large amount of data. In 2011, the accounting process required the processing of nearly 800 separate items of data each day. The process of collecting these data is the primary responsibility of the "river riders." Each day the river riders travel a specific circuit and collect stage data from the various stream and canal gages. These gage readings are later compared with the charts produced by the stage recorders which produce a continuous record of stage vs. time.

The accuracy of the diversion data computed from stage data collected by the river riders is dependent on the work of the "hydrographers." It is the job of the hydrographer to measure the flow in each canal often enough to assure that an accurate relationship between stage and discharge is known. Because some canals "shift" more than others during the season, the frequency with which measurements are made varies from canal to canal. Generally, it is found that one measurement per month is adequate to maintain a reasonably accurate rating on most canals.

By statute the responsibility for controlling and regulating the diversion of water rests with the watermaster. Because of the desire of most canal companies and irrigation districts, provisions have been made to deputize their managers for the purpose of regulating specific diversions. In addition, several other deputies are needed to fulfill the watermaster's regulatory functions. Because the personnel needs of Water District 1 are greatest during the irrigation season, most of the people employed by the watermaster are part-time employees. At the present time, the watermaster's staff includes six full-time employees. The water district personnel employed during the 2011 irrigation year are listed as follows:

## PERSONNEL

Lyle R. Swank	Watermaster
Tony Olenichak	WR Program Manager
Peter Cooper	Associate Engineer
Robert Keller	Associate Engineer
Helga King	IT Programmer Analyst Associate
Wendy Murphy	Financial Specialist
Shawn Hall	Deputy Watermaster & Hydrographer, Idaho Falls
Denny Thomas	Deputy Watermaster & Hydrographer, Teton Basin
Gordon Mills	Deputy Watermaster & Hydrographer, Lower Valley
Gail Blanchard	Deputy Watermaster & Hydrographer, Henrys Fork
Mike Harrigfeld	Deputy Watermaster, Willow Creek
Marilyn Rumsey	Hydrographer, Teton River
Klair Hall	River Rider, Rigby Diversions
Nick Olson	River Rider, Heise & Swan Valley Diversions
Vic Gentle	River Rider, Idaho Falls Diversions
Jeff Baldwin	Hydrographer, Blackfoot Diversions
Wayne Lenz	River Rider, Upper Falls River
Joe Yost	Gage Reader, Milner



## FISCAL REPORT

Each year on the first Tuesday of March, the water users elect a watermaster and set his budget for the ensuing year. The watermaster then collects the necessary operating funds by billing each water user based upon diversion records for the previous year. Because funds are available through the renting of stored water, the watermaster is able to bill water users at the end of the year after all of the water uses are known. Billing after-the-fact allows the water district to avoid billing water users based upon their estimated use. This saves time, money and avoids confusion. However, the after-the-fact process is exactly the same as the estimated process used by most water districts. The Idaho statutes establish a process where the distribution costs of a water district are distributed to water users in proportion to their percent of the total water diverted that year. For example, a canal company whose total diversions averaged 10% of the total water used in the district will be assessed approximately 10% of the total expenses of the district. In some instances, the percentage of the expenses a user pays may differ from his percentage of the total water diverted that year, because each diversion is subject to a \$50.00 minimum charge. If the computed percentage for a water user is less than \$50.00, his water delivery bill will be \$50.00. In addition, upper valley companies are assessed separately for the expenses of their representatives on the Committee of Nine. Since the expenses of those elected to the Committee of Nine, as representatives of companies located below Blackfoot are paid directly by their respective companies, these companies are not assessed for these costs by the watermaster.

The billing for 2011 actual costs was based on the \$ 1,321,989 spent for water delivery during 2011. Adjustments for prior year's corrections, use of rental pool reserve funds and collections for streamgaging were \$486,989. This resulted in a total cost to water users of \$ 835,000 for the delivery of 3,713,085 twenty-four hour second-feet (7,364,905 acre-feet). The 2011 billing included budgeting of upper valley interests of the Committee of Nine. This amount was assessed only to the canals above American Falls Reservoir, which made the average to the lower canals about 10.0 cents per acre-foot and the upper valley diversions about 11.4 cents per acre-foot. The Water District 1 Adopted Budget and Actual Expenditures for 2011 are located on page A – 27 in the Appendix

An audit of Water District 1 financial statements as of October 31, 2011 is presented in the appendix.



## WATER SUPPLY

The water supply available in any year is comprised of stored water carried over from the previous year, groundwater discharged (base flow), snowmelt runoff and summer precipitation.

Melting snow on the Snake River watershed generally provides the largest component of surface flows in Water District 1. The maximum snow accumulation at higher elevations is normally reached by the end of March. Runoff normally starts in late April and stream flows normally peak in early June. However, because snow pack varies significantly from year to year, average conditions are rarely actually observed. Figure 1 indicates the variation on April 1 snow pack for two snow courses, one on the Henrys Fork and the other on the Snake River. This figure indicates a much above normal snow pack this year for both the Henrys Fork and the Snake River. Snow survey records for 21 upper Snake River snow courses for the period between 2002 - 2011 are included in the appendix.

The Soil Conservation Service of the U. S. Department of Agriculture, in cooperation with the Idaho Department of Water Resources, forecasts streamflows based upon current snow conditions and past streamflow and precipitation records. The April 1, 2011 forecasts predicted that runoff in the majority of the upper Snake River Basin would be above the historical average. Table 1 shows the average, forecast, and actual unregulated runoff at selected stations in the basin. Forecasts ranged from a high of 127 percent of normal for the Snake River near Heise to 109 percent for the Falls River near Ashton. Actual unregulated runoff ranged from 156 percent of normal for the Teton River near St. Anthony to 113 percent of normal for the Henrys Fork near Ashton.

Natural flow is that increment of streamflow that would be available at a specified stream location if the effects of reservoirs and diversions were removed. The watermaster must divide the natural flow among all decreed, licensed, and permitted water rights. For the purpose of computing and distributing available water supplies, the upper Snake River has been divided into 37 "reaches" as indicated by Figure 2. The water gained by each reach is computed as the sum of the reach outflow, the reach diversions, reservoir evaporation, and change in reservoir storage minus reach inflow.

Before reach gains can be computed, adjustments must be made to account for travel time. Table 2 lists the average travel time in days from each reach and from points of diversion within each reach to Milner Dam. The daily sum of the gains in all reaches (adjusted for travel times) above a specified gage location represents the natural flow supply at that location. When accumulated to Milner, they represent the total system natural flow.

Figure 3 compares total daily natural flow with total system diversions. The difference between the natural flow supply and the total system diversions represents storage that had to be released to meet the irrigation demand. Figure 3 indicates that demand exceeded natural flow for the first time on July 29, 2011 (MT). Natural Flow briefly exceeded demand from August 6 to August 9. Storage was then used continually throughout the irrigation season from August 10 until October 9 when diversions were curtailed to the point that they were less than the natural flow.

The total natural flow in the system peaked at 61,772 cfs on June 13 (MT). The flow through Milner on this day was 19,600 cfs, canal diversions were 20,954 cfs, and 21,218 cfs (42,086 acre-feet) accrued to reservoir storage accounts.

Water supply tables showing daily diversions, miscellaneous streamflows, daily streamflows and daily reservoir contents for the 2011 water year can be found in the appendix.

# APRIL 1st SNOW WATER CONTENT Lewis Lake Divide and White Elephant

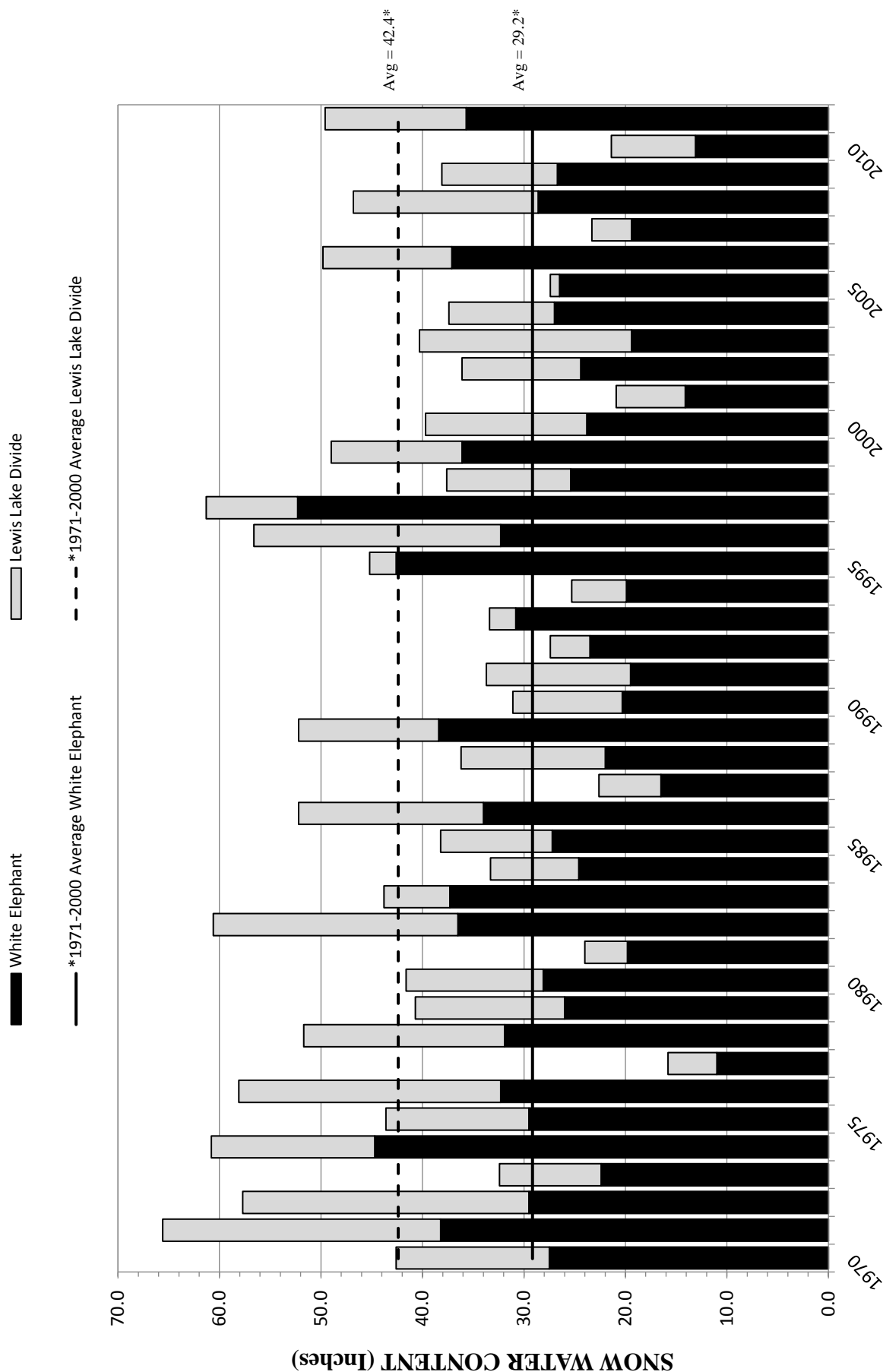


Figure 1. April 1st Snow Water Content

TABLE 1. 2011 April Through September Unregulated Streamflow at Selected Stations in Water District 1

Station	Unregulated Flow (acre-feet)	Percent of Average
Snake River near Heise		
Average (1971 - 2000)	4,160,000	100
April 1 Forecast	5,300,000	127
Actual	6,390,000	154
Henrys Fork near Ashton		
Average (1971 - 2000)	765,000	100
April 1 Forecast	840,000	110
Actual	866,000	113
Falls River near Ashton		
Average (1971 - 2000)	450,000	100
April 1 Forecast	490,000	109
Actual	636,000	141
Teton River near St. Anthony		
Average (1971 - 2000)	480,000	100
April 1 Forecast	585,000	122
Actual	750,000	156

The value is natural volume – actual volume may be affected by upstream water management

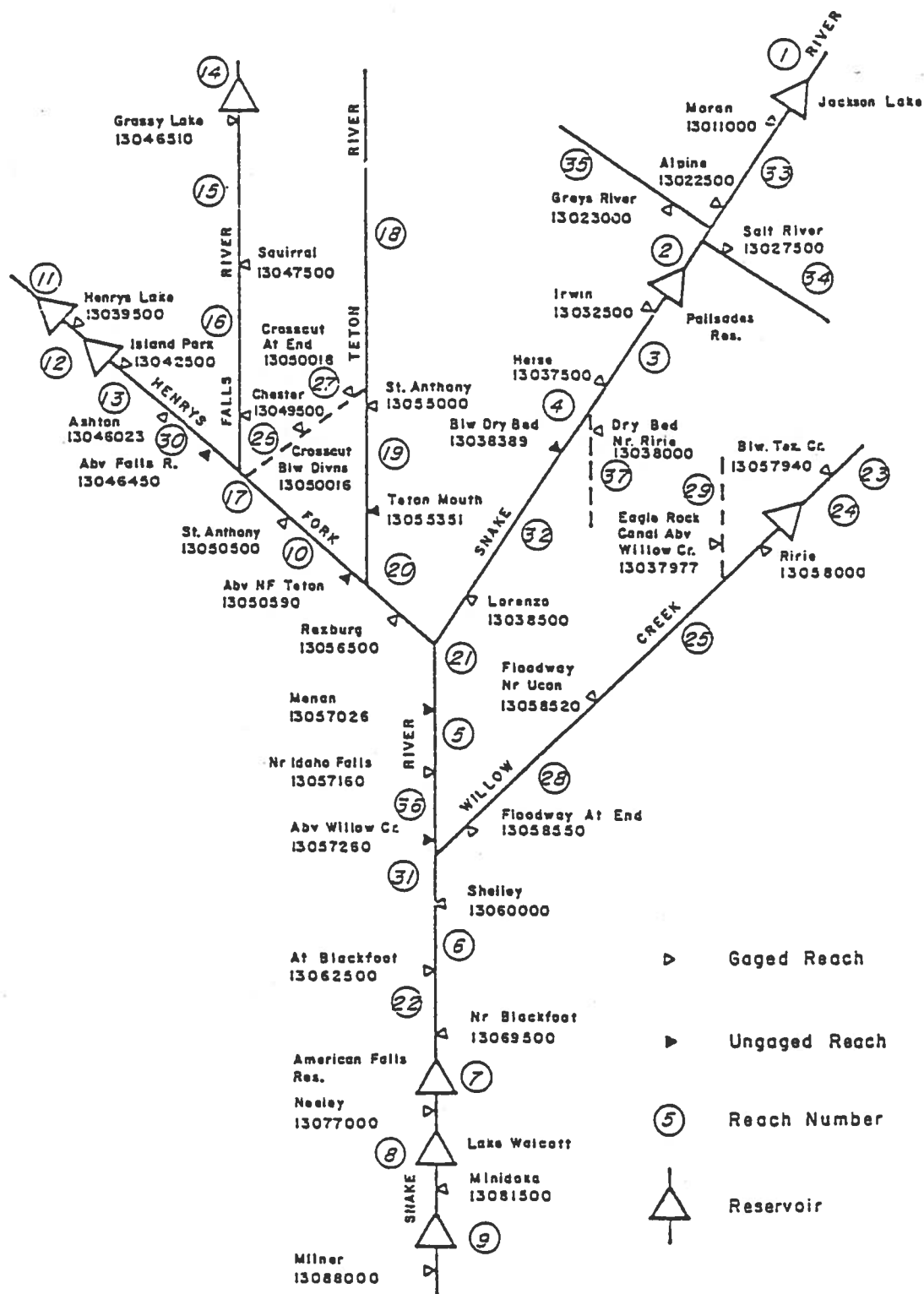


FIG. 2. Upper Snake System for Water Right Accounting.

TABLE 2. Travel Times Used In Water District 1 Water Right Accounting

No.	Name	Travel Time in Days From Downstream Point to Milner	Travel Time in Days From Diversion Points to Milner
1	To Moran	5	5
33	Moran to Alpine	5	5
34	Salt River above Reservoir	5	5
35	Greys River above Reservoir	5	5
2	Alpine to Irwin	4	4
3	Irwin to Heise	4	4
4	Heise below Dry Bed	4	4
37	Dry Bed near Ririe	4	4
32	Below Dry Bed to Lorenzo	4	4
11	To Henrys Lake	7	7
12	Henrys Lake to Island Park	6	7
13	Island Park to Ashton	5	6
30	Ashton to above Falls River	5	5
14	To Grassy Lake	6	6
15	Grassy Lake to Squirrel	5	5
16	Squirrel to Chester	5	5
26	Crosscut Canal below Diversions	5	5
27	Crosscut Canal at End	5	5
17	Above Falls River to St. Anthony	5	5
10	St. Anthony to above NF Teton	5	5
18	Teton above St. Anthony	5	5
19	St. Anthony to Teton Mouth	5	5
20	Above NF Teton to Rexburg	4	5
21	Lorenzo to Menan	4	4
5	Menan to Lewisville	4	4
36	Lewisville to Willow Creek	4	4
23	Willow Creek below Tex Creek	4	4
24	Below Tex Creek to near Ririe	4	4
29	Eagle Rock Cnl abv Willow Creek	4	4
25	Near Ririe to floodway near Ucon	4	4
28	Floodway near Ucon to End	4	4
31	Willow Creek to Shelley	3	4
6	Shelley to Blackfoot	3	4
22	At Blackfoot to near Blackfoot	2	3
7	Near Blackfoot to Neeley	1	1
8	Neeley to Minidoka	1	1
9	Minidoka to Milner	0	1



# **TOTAL NATURAL FLOW VS TOTAL DIVERSIONS -2011-**

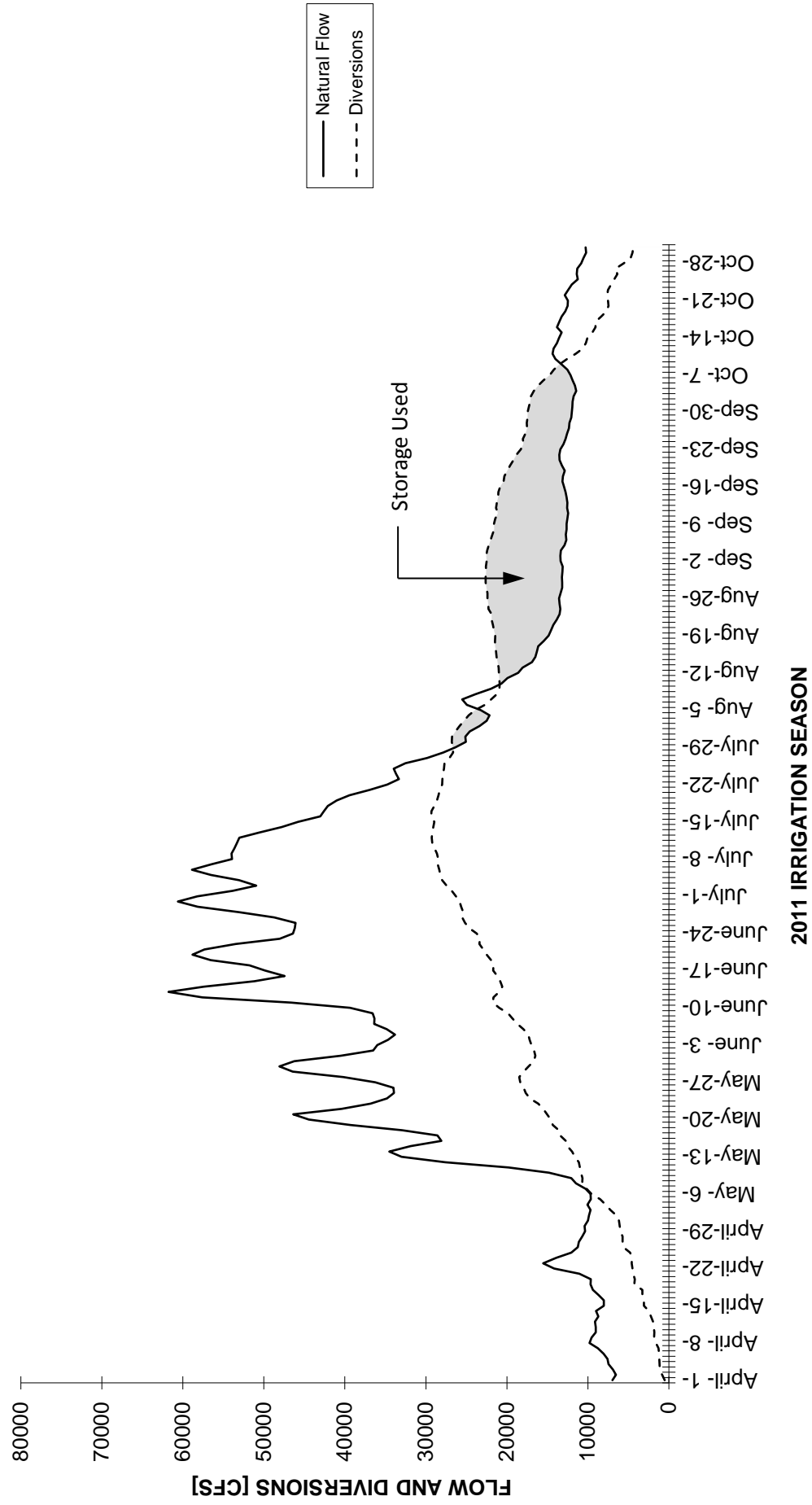


Figure 3. Natural Flow and Total Diversions

TABLE 3. Mean Daily Discharge in cfs at Selected Locations  
For June 13\*, 2011 - Milner Time

Station	Actual Date		Observed Flow	Natural Flow
Snake R. nr Moran	June	8	3,660	9,085
Snake R. nr Heise	June	9	21,400	40,289
Teton R. nr St. Anthony	June	8	5,610	5,538
Henry's Fork nr Rexburg	June	9	15,100	18,061
Snake R. nr Blackfoot	June	11	27,000	58,779
Snake R. at Milner	June	13	19,600	61,772

\* The date of maximum available natural flow.

## WATER RIGHT REGULATION

The natural flow supply is computed as described in the previous section. When the natural flow is determined for each day, it is allocated to water users starting with the oldest rights. The allocation process continues until all of the available natural flow has been distributed. The allocation of natural flow is for specific beneficial uses which include irrigation, storage (for specific purposes), power generation, and municipal and industrial uses. Lists of the rights as recognized in 2011 can be found in appendix C of this report. These rights are listed in order of priority and also by individual diversion or user (canal, pump, power plant, reservoir, etc.).

Figure 3 illustrates the constantly changing water supply that must be distributed by the watermaster each day. It also presents a generalized picture of the total water supply and the demand for water in the whole water district. Because the relationship between the availability of natural flow and demand may change from reach to reach, the priorities of water rights being filled will normally not be the same for all reaches. Also, because of the travel time involved between reaches, priorities will change on different dates for different reaches.

Tables 4 and 5 show the 2011 daily water right regulation schedule. Using these tables, the last right which was filled for a particular diversion can be found by the reach in which the diversion of interest is located. For example, assume someone wishes to know the last right being filled for the Enterprize Canal on August 27, 2011. By knowing that the Enterprize Canal point of diversion is located on the Snake River Irwin to Lorenzo, the August 27 date is found in the first column; then moving across the table horizontally, the priority of the last right being filled at most points on the river (primary priority) is found to be July 9, 1896. To the right of this "primary priority" are listed the exceptions to the primary priority. Because the Enterprize Canal is not one of the reaches where the exceptions exist, it is not subject to the exceptions priority. Thus, no right later in time than July 9, 1896, was filled for the reach Snake River Irwin to Lorenzo. From a listing of water rights found in appendix C it is determined that the Enterprize Canal would be entitled to divert 120.0 cfs of natural flow under priorities earlier than July 9, 1896. Its next right, which has a priority of April 15, 1898, was not delivered. Therefore, on August 27, 2011, the Enterprize Canal was entitled to divert up to 120.0 cfs of natural flow.

Storage diversions on a particular day are found by subtracting the natural flow diversion from the total diversion. Using the above example, the storage diversion of the Enterprize Canal on August 27 is equal to its total diversion of 177.6 cfs (see appendix) minus the 120.0 cfs natural flow diverted.

Therefore, the segregation of natural flow and stored water used by Enterprize Canal on August 27, 2011 was:

Natural Flow	120.0	cfs
Stored Flow	<u>57.6</u>	cfs
Total Diversion	177.6	cfs

The reaches in tables 4 and 5 were numbered for convenience in making these tables and have no intended relationship to the reaches used in the watermaster's accounting process shown in figure 2.

TABLE 4. 2011 Water Right Regulation Schedule - Snake River

Irwin to Lorenzo (1) Lorenzo to Idaho Falls (2)	Idaho Falls to Blackfoot (3)	Blackfoot to Neeley (4)	Neeley to Minidoka (5)	Minidoka to Milner (6)	Primary Priority	Exceptions		Exceptions Priority	Reaches
						Priority	Reaches		
Mar 28	29	30	31	Apr 1	3/31/1921			9/28/2009 (6)	
29	30	31	Apr 1	Apr 2	3/31/1921			9/28/2009 (5,6)	
30	31	Apr 1	Apr 2	Apr 3	3/31/1921				
Apr 26	27	28	29	30	7/28/1939				
May 2	3	4	5	6	3/14/1935				
4	5	6	7	8	7/28/1939				
8	9	10	11	12	9/28/2009				
9	10	11	12	13	9/28/2009			7/28/1939 (1)	
12	13	14	15	16	6/16/1969			7/28/1939 (1)	
13	14	15	16	17	7/28/1939				
14	15	16	17	18	6/16/1969			7/28/1939 (1)	
15	16	17	18	19	9/28/2009			6/05/2002 (1)	
16	17	18	19	20	9/28/2009				
Jul 26	27	28	29	30	4/01/1921				
27	28	29	30	31	4/01/1939				
28	29	30	31	Aug 1	4/01/1921				
29	30	31	Aug 1	Aug 2	3/30/1921				
Aug 1	2	3	4	5	9/28/2009				
7	8	9	10	11	4/01/1939				
8	9	10	11	12	3/30/1921				
9	10	11	12	13	12/22/1915				
10	11	12	13	14	10/07/1905				
15	16	17	18	19	3/26/1903				
18	19	20	21	22	10/11/1900				
24	25	26	27	28	6/16/1900			10/11/1900 (4,5,6)	
25	26	27	28	29	7/09/1896			10/11/1900 (4,5,6)	
26	27	28	29	30	2/09/1897			10/11/1900 (4,5,6)	
27	28	29	30	31	7/09/1896			10/11/1900 (4,5,6)	
28	29	30	31	Sept 1	4/01/1898			10/11/1900 (4,5,6)	
29	30	31	Sept 1	Sept 2	10/11/1900				
Sept 1	2	3	4	5	4/01/1896			10/11/1900 (4,5,6)	
2	3	4	5	6	6/14/1895			10/11/1900 (4,5,6)	
3	4	5	6	7	11/5/1895			10/11/1900 (4,5,6)	
4	5	6	7	8	6/14/1895			10/11/1900 (4,5,6)	
7	8	9	10	11	6/01/1895			10/11/1900 (4,5,6)	
12	13	14	15	16	6/14/1895			10/11/1900 (4,5,6)	
16	17	18	19	20	2/09/1897			10/11/1900 (4,5,6)	
17	18	19	20	21	3/26/1903				
24	25	26	27	28	2/05/1902			3/26/1903 (4,5,6)	

TABLE 4. 2011 Water Right Regulation Schedule - Snake River

Irwin to Lorenzo (1)		Idaho Falls to Blackfoot (3)		Blackfoot to Neeley (4)		Neeley to Minidoka (5)		Minidoka to Milner (6)		Primary Priority	Exceptions Priority	Reaches	Exceptions Priority	Reaches
Lorenzo to Idaho Falls (2)														
Sept	25		26		27		28		29	7/09/1896	10/11/1900	(4,5,6)		
	26		27		28		29		30	11/05/1895	10/11/1900	(4,5,6)		
	27		28		29		30	Oct	1	7/09/1896	10/11/1900	(4,5,6)		
	28		29		30	Oct	1	Oct	2	10/11/1900				
	29		30	Oct	1	Oct	2	Oct	3	6/16/1900	10/11/1900	(4,5,6)		
	30	Oct	1	Oct	2	Oct	3	Oct	4	11/5/1895	10/11/1900	(4,5,6)		
Oct	1		2		3		4		5	10/11/1900				
	2		3		4		5		6	3/26/1903				
	3		4		5		6		7	10/07/1905				
	5		6		7		8		9	12/14/1909				
	17		18		19		20		21	3/29/1921				

TABLE 5. 2011 Water Right Regulation Schedule - Henrys Fork &amp; Tributaries &amp; Willow Creek

Henrys Lake to Island Park (1)	(2) Island Pk to Ash (3) Ash to Abv Fall R (4) Fall River & Trib (5) Teton River (6) Ashton to Rexburg	Willow Creek (7)	Primary Priority	Exceptions Priority	Reaches	Exceptions Priority	Reaches
Mar 30	31	Apr 1	3/31/1921				
Apr 24	25	26	7/28/1939	3/14/1935	(1)		
30	May 1	May 2	3/14/1935				
May 2	3	4	7/28/1939	3/14/1935	(1)		
6	7	8	9/28/2009	3/14/1935	(1)	6/16/1969	(7)
10	11	12	6/16/1969	3/14/1935	(1)		
11	12	13	7/28/1939	3/14/1935	(1)		
12	13	14	6/16/1969	3/14/1935	(1)		
13	14	15	9/28/2009	3/14/1935	(1)	6/16/1969	(7)
14	15	16	9/28/2009	3/14/1935	(1)		
19	20	21	9/28/2009				
Jul 24	25	26	4/01/1921				
25	26	27	4/01/1939				
26	27	28	4/01/1921				
27	28	29	3/30/1921				
30	31	Aug 1	9/28/2009				
Aug 5	6	7	4/01/1939				
6	7	8	3/30/1921				
7	8	9	12/22/1915				
8	9	10	10/07/1905				
13	14	15	3/26/1903				
16	17	18	10/11/1900				
22	23	24	6/16/1900				
23	24	25	7/09/1896				
24	25	26	2/09/1897				
25	26	27	7/09/1896				
26	27	28	4/01/1898				
27	28	29	10/11/1900				
30	31	Sept 1	4/01/1896				
31	Sept 1	Sept 2	6/14/1895				
Sept 1	2	3	11/5/1895				
2	3	4	6/14/1895	5/01/1889	(7)		
5	6	7	6/01/1895	5/01/1889	(7)		
10	11	12	6/14/1895	5/01/1889	(7)		
14	15	16	2/09/1897	5/01/1889	(7)		
15	16	17	3/26/1903				
18	19	20	3/26/1903	5/01/1889	(7)		
19	20	21	3/26/1903				

TABLE 5. 2011 Water Right Regulation Schedule - Henrys Fork &amp; Tributaries &amp; Willow Creek

Henry's Lake to Island Park (1)	(2) Island Pk to Ash (3) Ash to Abv Fall R (4) Fall River & Trib (5) Teton River (6) Ashton to Rexburg	Willow Creek (7)	Primary Priority	Exceptions		Exceptions	
				Priority	Reaches	Priority	Reaches
Sept 20	21	22	3/26/1903	5/01/1889	(7)		
22	23	24	2/05/1902	5/01/1889	(7)		
23	24	25	7/09/1896	5/01/1889	(7)		
24	25	26	11/5/1895	5/01/1889	(7)		
25	26	27	7/09/1896	5/01/1889	(7)		
26	27	28	10/11/1900	5/01/1889	(7)		
27	28	29	6/16/1900				
28	29	30	11/5/1895	5/01/1889	(7)		
29	30	Oct 1	10/11/1900	5/01/1889	(7)		
30	Oct 1	Oct 2	3/26/1903	5/01/1889	(7)		
Oct 1	2	3	10/07/1905	5/01/1889	(7)		
3	4	5	12/14/1909	5/01/1889	(7)		
4	5	6	12/14/1909				
15	16	17	3/29/1921				



## DIVERSIONS AND STORED WATER USE

This section lists the 2011 irrigation year (November 1, 2010 to October 31, 2011) water use by canal and summarizes the diversions by reaches of the river. The eleven river reach groups are: Snake River from Irwin to Dry Bed, Snake River Dry Bed, Snake River from Dry Bed to Lorenzo, Snake River from Lorenzo to Idaho Falls, Snake River from Idaho Falls to Blackfoot, Snake River from Blackfoot to Milner, Henrys Fork from Island Park to Ashton, Henrys Fork below Ashton, Falls River, lower Teton River, and Willow Creek.

Diversions for the above listed reaches are given in tables 6 through 16. Acreage figures are shown for most of these diversions and annual per acre volumes are calculated. No attempt was made to confirm the acreage figures used. Table 17 is a summary of regularly measured diversions. Diversions totaled about 7.0 million acre-feet, compared to 7.3 million acre-feet diverted in 2010.

In addition to the diversions, there are other diversions administered separately which are listed in the appendix under "Miscellaneous Streamflow Records."

As described previously, all diversions that exceed natural flow entitlements will be charged storage for the difference between the sum of available natural flow rights and the total diverted each day. Most users own or have contracted for specific storage space entitlements in one or more reservoirs. Other users who do not have storage are frequently able to "purchase" unused stored water from the Water District 1 Rental Pool when natural flow is insufficient to meet their needs.

The storage accrued to each reservoir at the end of the spring runoff is indicated in table 18. Reservoir evaporation is deducted from the accrued storage. The allocable storage is the accrued storage minus evaporation. Table 18 shows the evaporation charged against each reservoir and the amount in each that was allocated for use during 2011. Initially evaporation is estimated for each reservoir, but because actual evaporation is not known until the end of the season, the final allocation can not be made until then. Of the 4,292,494 acre-feet initially stored, 4,246,969 acre-feet remained available for allocation after actual evaporation losses were taken into account.

Tables 19 through 26 indicate storage water allocated and used, by canal, during 2011. Diversions listed in these tables are grouped by river reach. Table 27 is a summary of these storage accounts by reach.

Tables 19 through 27 are divided into nine columns. Column one indicates the water allocated to each user after evaporation losses have been subtracted.

Column two reflects supplies furnished to, or obtained as, rentals from the Water District 1 rental pool, Fremont-Madison Irrigation District rentals, and/or Shoshone-Bannock Tribal rentals. A negative sign (-) indicates either one amount supplied as a rental or, if multiple rentals, the amount supplied exceeds the amount purchased by the net value shown. An unsigned value in column two indicates either one amount purchased or, if multiple rentals, the amount purchased exceeds the amount supplied by the net value shown.

Column three is the gross storage use as indicated by the watermaster's account computations.

Column four indicates water supplies that were purchased from the rental pool (or provided by the Fremont-Madison Irrigation District) and not used. These unused supplies were returned to the rental pool supply.

Column five shows the unused water from column four returned to a space holder or to the rental pool supply at the end of the season. Columns four and five totals must be equal for the system to balance (see table 27). This water becomes available to the space holder as part of his carryover.

Column six lists the unadjusted balance of storage transactions (column 1 + column 2 - column 3 -column 4 + column 5).

Column seven indicates adjustments that were made to column six. Ideally, on October 31 of each year, the stored water used by each canal can be obtained directly from the current accounting computations. In actual practice, this is rarely the case because some adjustments must be made. Reasons for storage adjustments range from data errors and changes in water rights distribution to alternate supplies of water. Values in column seven are footnoted to explain the specific reason for each adjustment. All column seven footnotes for tables 19 through 26 are listed at the bottom of table 26.

Column eight shows storage used in excess to a spaceholder's allocation that had not been offset by purchase from the Water District 1 Rental Pool or by other adjustments applied at the end of the year.

Column nine indicates the carryover credited to each canal on November 1, 2011, and is found by adding columns seven and eight to column six.

Seasonal volumes of water pumped from groundwater to replace diverted surface water are identified as "exchange pumping" and are shown as adjustments in table 19 through 26 (column 7). For 2011, exchange pumping totaled 45 acre-feet. Daily records of exchange pumping are shown in the appendix.

Table 27 shows a total 4,287,333 acre-feet of storage water allocated, plus a net of 221,118 acre-feet of rental purchases, and 1,681,453 acre-feet of storage

water used, resulting in a preliminary balance of 2,826,998 acre-feet. Miscellaneous storage use of 910,804 acre-feet consisted of 139,521 acre-feet of storage used by Idaho Power from their 2011 storage allocation and rental, plus 207,652 acre-feet released past Milner for the Bureau of Reclamation's flow augmentation, plus 563,630 acre-feet of additional storage spilled past Milner after the day of allocation. Adjustments to the preliminary balance totaled -2,745 acre-feet, while system excess use was 4,052 acre-feet, resulting in a net gain in storage of 1,307 acre-feet. Adding this net gain in storage to the preliminary balance yields a carryover at the end of the season of 2,828,305 acre-feet.

Table 28 summarizes the 2011 storage accounts for the system. Late season reservoir fill, which occurred as a result of declining diversion rates and increasing natural flow in the fall, was 235,982 acre-feet through October 31, adjusted by 204,146 acre-feet of rental supply and other adjustments, and 157,000 acre-feet for Palisades Powerhead Space, for a total of 2,703,142 acre-feet in storage. Actual observed reservoir contents by reservoir are shown in table 29.

TABLE 6. Diversions During 2011 Irrigation Year from Snake River between Irwin and Dry Bed (Great Feeder Canal).

Diversion Number	Name	Total Diverted (acre-feet)	Service Area (acres)	Ac-ft/ac Diverted
13032510	P Byrd Pump	0	180	0.0
13032515	Boy Scout Camp Pump	0	(a)	-
13032520	A Rostad Pump	0	86	0.0
13032920	R Rose Pump	5	5	1.0
13033010	Palisades Canal	10,900	4,490	2.4
13033643	W Fleming Pump	130	250	0.5
13033650	M Ogden Pump	0	(a)	-
13033660	L Dixon Pump	0	(a)	-
13033670	R Jacobson Pump	0	(a)	-
13033698	J Chick Pump	2	106	0.0
13034460	L Jacobson Pump	70	100	0.7
13037305	I Spaulding Pump	0	(a)	-
13037490	Foster Agro Pump	810	301	2.7
13037505	Progressive Irrigation District	241,400 (b)	30,425	7.9
13037510	M & M Cattle Pump	230	177	1.3
13037855	Newby Pumps	680 (c)	145	4.7
13037980	Farmers Friend Canal	103,200	10,860	9.5
13037985	Enterprize Canal	50,900	4,850	10.5
	TOTAL	408,327 (d)	51,975	7.9 (e)

(a) Acreage not determined.

(b) Progressive Irrigation District's Anderson (13037505) and Eagle Rock (13037975) Canals.  
Does not include additional Willow Creek water diverted [see footnote (e) on Table 16].

(c) Includes diversions 13037860 and 13037880.

(d) Does not include the additional amount received from Willow Creek (see note b).

(e) Does not include diversions with unknown acreage or zero amounts diverted.

TABLE 7. Diversions During 2011 Irrigation Year from Snake River, Dry Bed (Great Feeder Canal).

Diversion Number	Name	Total Diverted (acre-feet)	Service Area (acres)	Ac-ft/ac Diverted
13037997	C Hickman Pump	0	10	0.0
13038025	Butler Island Canal	10,700	990	10.8
13038030	Ross & Rand Canal	1,200	170	7.1
13038050	Steele Canal	0	140	0.0
13038055	Harrison Canal	117,400	14,230	8.3
13038065	Cheney Canal	0	130	0.0
13038075	G Scott #1 Pump	230	(c)	-
13038079	J Brown Pump	30	14	2.1
13038080	Butler Island #2 Canal	0	(c)	-
13038081	G Scott #2 Pump	130	(c)	-
13038084	Subdivision Pump	230	(c)	-
13038085	Rudy Canal	70,100	5,530	12.7
13038090	Lowder Slough Canal	13,700	1,000	13.7
13038098	Kite & Nord Canal	2,500	210	11.9
13038110	Burgess Canal	262,100	22,200	11.8
13038113	M Hill Pump	330	50	6.6
13038115	Clark & Edwards Canal	19,500	1,740	11.2
13038145	Croft Canal	350	60	5.8
13038147	J Edwards Pump	30	19	1.6
13038148	G Holman Pump	8	6	1.3
13038149	G Muma Pump	9	3	3.0
13038150	East Labelle Canal	37,800	2,850	13.3
13038151	B Grover Pump	80	25	3.2
13038180	Rigby Canal	44,200	3,920	11.3
13038183	K Foster Pump	190	80	2.4
13038201	White Island Pump	160	140	1.1
13038205	Dilts Canal	6,300 (a)	630	10.0
13038210	Island Canal	45,800	3,760	12.2
13038225	West Labelle & Long Island Canal	123,600	10,500	11.8
13038305	Parks & Lewisville Canal	117,800	9,800	12.0
13038315	North Rigby Canal	16,200	1,210	13.4
13038331	Jefferson Hills Pump	0	110	0.0
13038340	White Canal	1,100	110	10.0
13038352	D Phillips Pump	0	52	0.0
13038356	Von Baron Pump	0	(c)	-
13038360	Bramwell Canal	270	160	1.7
13038362	Ellis Canal	380	60	6.3
13038363	D Scott Pump	0	(c)	-
13038365	Idaho Fresh Pac Pump	840	145	5.8
13038371	J T Jones Pump	0	(c)	-
13038372	C Jones Pump	170	40	4.3
13038382	W Dabell Pump	70	231	0.3
13038384	D Stoker Pump	210	206	1.0
13038385	Skaar Pump	160	(c)	-
13038386	J N Erickson Pump	330	177	1.9
TOTAL		894,207	80,708	11.1 (b)

(a) Includes diversion 13038204.

(b) Does not include diversions with unknown acreage or zero amounts diverted.

(c) Acreage not determined.

TABLE 8. Diversions During 2011 Irrigation Year from Snake River between Dry Bed (Great Feeder Canal) and Lorenzo.

Diversion Number	Name	Total Diverted (acre-feet)	Service Area (acres)	Ac-ft/ac Diverted
13038387	Nelson Canal	0	55	0.0
13038388	Mattson-Craig Canal	3,300	485	6.8
13038392	Sunnydell Canal	39,500	3,860	10.2
13038393	Covington Brothers Pump	1,000	960	1.0
13038405	T Parkinson Pump	500	520	1.0
13038410	R Grover Pump	480	390	1.2
13038415	Bybee Pump	100	(a)	-
13038417	D Cheney Pump	20	15	1.3
13038422	L Robinson Pump	0	(a)	-
13038426	Lenroot Canal	36,000	3,030	11.9
13038428	G Burns Pump	50	(a)	-
13038431	Reid Canal	48,600	5,600	8.7
13038434	Texas & Liberty Canal	54,800	9,460	5.8
13038435	Bannock-Jim Canal	5,400	600	9.0
13038436	Hill-Pettinger Canal	1,600	170	9.4
13038437	Nelson-Corey Canal	630	260	2.4
13038438	L Hill Pump	240	62	3.9
	TOTAL	192,220	25,467	7.6 (b)

(a) Acreage not determined.

(b) Does not include diversions with unknown acreage or zero amounts diverted.

TABLE 9. Diversions During 2011 Irrigation Year from Snake River between Lorenzo and Idaho Falls.

Diversion Number	Name	Total Diverted (acre-feet)	Service Area (acres)	Ac-ft/ac Diverted
13056501	Beaver Dick Pump	20	(b)	-
13057012	L A Hartert Pump	70	142	0.5
13057013	A Gunderson Pump	0	39	0.0
13057014	Miller-Barnes Pump	0	5	0.0
13057015	Fish & Game (Butte Slough Pump)	20 (a)	(b)	-
13057025	Butte & Market Lake Canal	69,000	22,000	3.1
13057030	Bear Trap Canal	5,300	2,380	2.2
13057038	Walker Farms Pump	280	80	3.5
13057046	M Tomchak Pump	0	35	0.0
13057090	A Wilde Pump	90	128	0.7
13057097	N Fullmer Pump	310	140	2.2
13057105	D Boyce Pump	170	146	1.2
13057106	B Tomchak #1 Pump	0	118	0.0
13057107	C Boyce Pump	0	89	0.0
13057114	Steinke-Murdock Pump	390	215	1.8
13057115	L Carlson (North) Pump	200	70	2.9
13057116	B Tomchak #2 Pump	240	139	1.7
13057117	L Carlson (South) Pump	290	100	2.9
13057118	H Brown Pump	150	133	1.1
13057119	Osgood Grain Pump	110	(b)	-
13057120	D Kingston North Pump	110	380	0.3
13057121	G Offut Pump	40	40	1.0
13057122	D Kingston South Pump	240	(b)	-
13057123	Bear Island North Pump	150	86	1.7
13057124	Bear Island West Pump	140	28	5.0
13057125	Osgood Canal	11,500	6,000	1.9
13057126	Clements Pumps	310	270	1.1
13057130	Kennedy Canal	4,300	1,400	3.1
13057135	Great Western & Porter Canals	170,200 (c)	28,130	6.1
13057140	L Hansen Pump	200	25	8.0
13057141	A Zohner Pump	40	40	1.0
13057142	V Cenell (Hegsted) Pump	0	40	0.0
13057143	M Boam Pump	30	15	2.0
13057144	M Mackay Pump	0	30	0.0
13057145	Idaho Canal	227,000 (d)	37,650	6.0
13057146	D Mortimer Pump	230	(b)	-
	TOTAL	491,130	100,093	4.9 (e)

(a) Includes diversions 13057018 and 13057021.

(b) Acreage not determined.

(c) Includes diversion 13057250.

(d) Received an additional 28,183 acre-feet from Sand Creek (13058515), not included.

(e) Does not include diversions with unknown acreage or zero amounts diverted.

TABLE 10. Diversions During 2011 Irrigation Year from Snake River between Idaho Falls and Blackfoot.

Diversion Number	Name	Total Diverted (acre-feet)	Service Area (acres)	Ac-ft/ac Diverted
13059490	Monroc-Lyons Pump	480	120	4.0
13059505	Woodville Canal	18,000 (b)	2,650	6.8
13059523	Idaho Pump	6	(f)	-
13059525	SNAKE RIVER VALLEY CANAL	125,000	20,860	6.0
13060055	P Hill Pump	0	(a)	-
13060500	Reservation Canal	19,600 (c)	54,770	0.4
13061430	Blackfoot Canal	88,400	11,050	8.0
13061520	New Lavaside Canal	36,200	4,830	7.5
13061521	C Adams Pumps	110 (d)	50	2.2
13061525	Peoples Canal	77,300	15,480	5.0
13061610	Aberdeen Canal	343,900	35,420	9.7
13061650	Corbett Canal	43,400	4,460	9.7
13061670	Nielson-Hansen Canal	1,800	270	6.7
13061677	R Lambert Pump	20	25	0.8
13061685	K Christensen Pump	10	(f)	-
13061705	Riverside Canal	31,900	2,940	10.9
13061995	Danskin Canal	53,300	5,220	10.2
13062050	Trego Canal	21,600	1,300	16.6
13062051	Jensen Grove	12,000	(f)	-
13062503	Wearyrick Canal	9,000	1,540	5.8
13062504	Wadsworth Canal	50 (g)	(f)	-
13062506	Watson Canal	22,800	2,640	8.6
13062507	Parsons Canal	10,700	940	11.4
	TOTAL	915,576	164,565	5.5 (e)

(a) Non-irrigation pump.

(b) Includes diversions 13059510, 13059515, and 13059520.

(c) Received additional 82,226 acre-feet from Sand Creek (13064500), not included.

(d) Includes diversion 13061522 and 13061523.

(e) Does not include non-irrigation pumps, or diversions with unknown acreage or zero amounts diverted.

(f) Acreage not determined.

(g) Includes diversion 13062505.



TABLE 11. Diversions During 2011 Irrigation Year from Snake River between Blackfoot and Milner.

Diversion Number	Name	Total Diverted (acre-feet)	Service Area (acres)	Ac-ft/ac Diverted
13075900	Fort Hall Michaud Pump	39,000	14,820	2.6
13076400	Falls Irrigation Pump	23,000	8,910	2.6
13077652	M Osborn Pump	110	377	0.3
13077755	Call Farms Pumps	2,300	810	2.8
13077775	R Evans Pump	130	(a)	-
13080000	Minidoka Irrigation District	287,500 (b)	77,200	3.7
13080500	Burley Irrigation District	258,200 (c)	48,000	5.4
13084590	E Herbert Pump	130	59	2.2
13084598	M.I.D. Misc. Pumps	150	(a)	-
13084599	Milner Pool Misc. Pumps	170	(a)	-
13084610	Law-Ker Farms Pump	120	(a)	-
13084640	Burley Golf Course Pump	210	85	2.5
13084650	City of Burley Pump	160	90	1.8
13084655	Simplot-Fertilizer Pump	0	(d)	-
13084690	Amalgamated Sugar Pump	100	73	1.4
13084710	R Tilley Pump	40	27	1.5
13084720	Coors Brewing Pump	180	196	0.9
13084725	K Sandmann Pump	6	16	0.4
13085270	H Schodde Pump	710	75	9.5
13085275	Bar-U-Ranch #1 Pump	130	70	1.9
13085300	Bar-U-Ranch #2 Pump	190	40	4.8
13085350	Southwest Irrigation District Pumps	14,500	(a)	-
13085390	M Hobson Pump	180	(a)	-
13085400	V Hobson Pump	170	119	1.4
13085500	A & B Irrigation	53,800	14,660	3.7
13086000	Milner Irrigation	57,500	13,640	4.2
13086512	J Brune Pump	620	(a)	-
13086530	Reservoir District #2	455,400 (e)	63,700	7.1
13087000	North Side Canal Co.	1,000,000 (f)	155,790	6.4
13087500	Twin Falls South Side	1,060,300	201,560	5.3
	TOTAL	3,255,006	600,317	5.4 (g)

(a) Acreage not determined.

(b) 52.7% of Minidoka Project total diversion.

(c) 47.3% of Minidoka Project total diversion.

(d) Non-irrigation pump.

(e) Gooding Canal below Twin Falls North Side Crosscut.

(f) Includes Twin Falls North Side Canal, A Lateral, PA Lateral, and North Side Crosscut from Gooding Canal.

(g) Does not include non-irrigation pumps, or diversions with unknown acreage or zero amounts diverted.

TABLE 12. Diversions During 2011 Irrigation Year from Henrys Fork between Island Park and Ashton.

Diversion Number	Name	Total Diverted (acre-feet)	Service Area (acres)	Ac-ft/ac Diverted
13045655	G Marotz Pump	0	116	0.0
13045675	N Fork Highlands Pump	0	153	0.0
13045705	F Howell Pump	0	100	0.0
13045710	S Bollaert Pump	0	80	0.0
13045721	F Vandersloot Pumps	160 (a)	920	0.2
13045755	T Holcomb Pump	90	30	3.0
13045780	R Lee Pump	0	163	0.0
13045805	Z J Egbert #1 (Boat Dock) Pump	0	66	0.0
13045807	R Ritchey Pump	0	182	0.0
13045810	N Miller #1 & #2 Pumps	0 (b)	163	0.0
13045813	Z J Egbert #2 (Willow Cr) Pump	0	76	0.0
13045823	R Baker (Baker Springs) Pump	140	182	0.8
13045829	D Phelps Pump	0	201	0.0
13045849	D Seeley Pump	60	440	0.1
13045860	Z J Egbert #3 (Sewer Cr) Pump	0	269	0.0
13045880	Z J Egbert #4 Pump	20	24	0.8
13045930	Z J Egbert #5 (Lwr Rsvr) Pump	30	113	0.3
13045940	G Nedrow Pump	180	800	0.2
13045950	Baker-Nedrow Pump	120	(c)	-
13045960	M Reynolds #1 Pump	0	225	0.0
13046015	R & C Baum Pump	100	174	0.6
13046020	J McCulloch	120	220	0.5
	TOTAL	1,020	4,697	0.3 (d)

(a) Includes diversions 13045724 and 13045727.

(b) Includes diversion 13045811.

(c) Acreage not determined.

(d) Does not include diversions with unknown acreage or zero amounts diverted.

TABLE 13. Diversions During 2011 Irrigation Year from Henrys Fork below Ashton.

Diversion Number	Name	Total Diverted (acre-feet)	Service Area (acres)	Ac-ft/ac Diverted
13046025	M Reynolds #2 Pump	110	225	0.5
13046070	A Nedrow #1 (Propane) Pump	50	100	0.5
13046072	A Nedrow #2 (Electric) Pump	20	93	0.2
13046075	J Nedrow Pump	190	267	0.7
13046083	V & D Kirkham Pump	40	(a)	-
13046084	D Nedrow Pump	140	(a)	-
13046086	D Fransen Pump	100	(a)	-
13046090	L Bratt Pump	0	12	0.0
13046095	L Loosli #1 (Black Sprgs) Pump	370	150	2.5
13046310	Dewey Canal	7,600	1,710	4.4
13046315	J Seeley Pump	0	139	0.0
13049550	Last Chance Canal	19,700	3,690	5.3
13049560	Crosscut Canal Loss blw Middle	4,500 (b)	(a)	-
13049705	Farmers Friend Canal	23,300	2,980	7.8
13049710	Twin Groves Canal	30,500	3,070	9.9
13049725	St. Anthony Union Canal	95,100	9,700	9.8
13049805	Salem Union Canal	68,600	4,980	13.8
13050525	Egin Canal	71,400	6,100	11.7
13050530	St. Anthony Union Feeder Canal	15,100	2,300	6.6
13050535	Independent Canal	53,900	7,270	7.4
13050545	Consolidated Farmers Canal	64,800	10,070	6.4
	TOTAL	455,520 (c)	52,856	8.6 (d)

(a) Acreage not determined.

(b) Crosscut Canal Middle (13050016) minus Crosscut Canal End (13050018) minus South Branch below Crosscut (13050108) plus South Branch above Crosscut (13050102).

(c) Does not include 36,720 acre-feet of Henrys Fork water diverted to Fall River Canal (Table 14) and 26,119 acre-feet of Henrys Fork water diverted to Lower Teton River (Table 15) via Crosscut Canal (13050018).

(d) Does not include diversions with unknown acreage or zero amounts diverted.

TABLE 14. Diversions During 2011 Irrigation Year from Falls River and Tributaries.

Diversion Number	Name	Total Diverted (acre-feet)	Service Area (acres)	Ac-ft/ac Diverted
13047305	Yellowstone Canal	2,700	2,100	1.3
13047474	C Atchley Pumps	550	(a)	-
13047475	Marysville Canal	20,600	16,000	1.3
13047515	F & L Griffel Pump	250	420	0.6
13047565	R Baum Pump	140	176	0.8
13047570	G/6 Corp Pump	70	120	0.6
13047575	Farmers Own Canal	9,000	5,800	1.6
13047605	W Scafe Pump	40	77	0.5
13047615	R Sturm Pumps	220 (b)	167	1.3
13047625	M Griffel Pump	160	210	0.8
13047635	L Loosli #2(Oberhansly) Pump	90	200	0.5
13047636	C Malouf Pump	150	(a)	-
13047681	Conant Creek Canal	1,800	1,680	1.1
13047710	K Nyborg Pump	260	360	0.7
13047900	Boom Creek pump	410	955	0.4
13048050	Orme Canal/Pump	0	300	0.0
13048060	Squirrel Canal Pump #3	190	245	0.8
13048070	L Orme	90	(a)	-
13048080	D Harshbarger Pump	350	451	0.8
13048255	Squirrel Canal Pump #1	690	245	2.8
13048265	D Zundell Pump	200	(a)	-
13048275	L Loosli #3 (Upr Conant Cr) Pump	270	393	0.7 (c)
13048280	L Loosli #4 Pump	160	(c)	-
13048290	D Budge Pump	40	(a)	-
13048350	J Hill Pump	0	41	0.0
13048430	D Reynolds Pump	240	321	0.7
13048440	C Loosli (Ray Crouch) Pump	260	238	1.1
13048470	T Potter Pump	100	220	0.5
13048475	Enterprise Canal	16,100	6,880	2.3
13048485	R D Miller Pump	0	(a)	-
13048551	C Atchley Pump	250	(a)	-
13048556	W C Davis Pump	0	65	0.0
13048560	Fall River Canal	79,700 (d)	14,200	5.6
13048705	Chester Canal	11,700	2,200	5.3
13049008	McBee Canal	470	105	4.5
13049010	Silkey Canal	6,000	1,080	5.6
13049015	Curr Canal	9,700	1,300	7.5
13049310	RLF Pump	0	(a)	-
13049490	L Loosli #5	0	(a)	-
13049495	G Blanchard Pump	60	28	2.1
TOTAL		163,010 (d)	56,577	2.9 (e)

(a) Acreage not determined.

(b) Includes diversion 13047616.

(c) Service area shared with 13048275 and 13048280.

(d) Includes 36,720 acre-feet of Henrys Fork water diverted to Fall River Canal via Crosscut Canal (13049560 minus 13050016 plus 13050108 minus 13050102).

(e) Does not include diversions with unknown acreage or zero amounts diverted.

TABLE 15. Diversions During 2011 Irrigation Year from Lower Teton River and Tributaries.

Diversion Number	Name	Total Diverted (acre-feet)	Service Area (acres)	Ac-ft/ac Diverted
13053951	South Project (Clements ville) Pump	870	1,150	0.8
13053971	J Ricks Pump	140	460	0.3
13054031	Boelke (Clements ville) Pump	1,300	2,470	0.5
13054042	Clements ville Pump	2,900	6,790	0.4
13054045	Hibbert Farms Pump	240	(b)	-
13054111	R & J Brown Pump	1,300	1,120	1.2
13054291	P L Stott Pump	0	(b)	-
13054420	Parkinson Farms Pump	3,000	2,820	1.1
13054515	Canyon Creek Canal	1,900	2,200	0.9
13054577	G Crapo Pump	0	670	0.0
13054590	P Stevens Pump	2,400	1,700	1.4
13054705	V Schwendiman Pump	3,400	3,280	1.0
13054772	R Brent Ricks Pump	350	300	1.2
13054801	Canyon Creek Lateral Pump	3,200	1,888	1.7
13054850	Siddoway Sheep Company	120	(b)	-
13054940	H Bischoff Pump	60	50	1.2
13055030	Wilford Canal	29,000	2,600	11.2
13055032	Denton Allen Pump	20	(b)	-
13055033	B Tucker Pump	6	(b)	-
13055036	Brian Parker Pump	50	(b)	-
13055037	Siddoway Pump	150	(b)	-
13055039	McKinnley Pump	20	(b)	-
13055040	Teton Irrigation Canal	13,800	3,110	4.4 (a)
13055042	Siddoway Sprinklers	2,000	(a)	-
13055050	Pioneer Canal	1,600	310	5.2
13055060	Stewart Canal	1,300	400	3.3
13055193	N Birch Pump	20	16	1.3
13055195	B Leavitt Pump	50	50	1.0
13055205	Pincock-Byington Canal	2,500	270	9.3
13055206	B Hollist Pump	0	(b)	-
13055210	Teton Island Feeder Canal	93,000	11,050	8.4
13055245	Salem Union B Canal	1,500 (c)	620	2.4
13055263	J Harris Pump	0	(b)	-
13055275	Roxana Canal	3,700	810	4.6
13055280	Island Ward Canal	4,200	3,270	1.3
13055295	Saurey Canal	2,900	520	5.6
13055311	Pincock-Garner	10	(b)	-
13055313	Gardner-Beddes Canal	460	71	6.5
13055314	Bigler Slough Canal	70	80	0.9
13055315	Woodmansee-Johnson Canal	780 (d)	1,290	0.6
13055319	Godfrey-Parkinson	150	(b)	-
13055321	R R Ricks Pump	40	43	0.9
13055323	City of Rexburg Canal	3,500	950	3.7
13055325	T Brunson Pump	0	(b)	-
13055327	J S Wright Pump	0	(b)	-
13055334	Rexburg Irrigation Canal	40,300	6,750	6.0
	TOTAL	222,306 (e)	57,108	3.9 (f)

(a) Service area of Siddoway Sprinklers (13055042) included in Teton Irrigation Canal (13055040).

(b) Acreage not determined.

(c) Used additional water from Henrys Fork through Salem Union Canal, not included.

(d) Used additional water from Moody Creek, not included.

(e) Includes 26,119 acre-feet of Henrys Fork water diverted to Lower Teton River via Crosscut Canal (13050018).

(f) Does not include diversions with unknown acreage or zero amounts diverted.

TABLE 16. Diversions During 2011 Irrigation Year from Willow Creek.

Diversion Number	Name	Total Diverted (acre-feet)	Service Area (acres)	Ac-ft/ac Diverted
13057938	Loertscher Pump	20	388	0.1
13058015	B Foster Pump	1,100	1,346	0.8
13058090	Schwendiman Pump	260	160	1.6
13058105	Lovell #1 Pump	400	160	2.5
13058125	Ferguson Canal	870	73	11.9
13058145	Lovell #2 Pump	150	60	2.5
13058165	Reed #1 Pump	80	140	0.6
13058210	Sargent-Summers Canal	310	110	2.8
13058230	AH Durtschi Pump	170	93	1.8
13058250	Reed #2 Pump	170	128	1.3
13058265	Foster-Sargent Pump	270	50	5.4
13058270	J Sperry Pump	260	246	1.1
13058290	O Avery Canal	1,100	57	19.3
13058310	R Avery Canal	5,300	473	11.2
13058330	D Stucki Pump	140	102	1.4
13058340	Schwendiman # 2 Pump	1,200	(f)	-
13058350	O Avery Pump	0	(f)	-
13058370	R Cooper (Sand Cr) Canal	1,500	235	6.4
13058380	R Cooper (Willow Cr) Canal	1,100	98	11.2
13058508	D Keeler Pump	500	470	1.1
13058510	Progressive Sand Creek	132,000 (a)	(b)	-
13058512	Bean Canal	440	80	5.5
13058514	W & O Cooper Canal	1,400	464	3.0
13058515	Idaho Irrigation from Sand Creek	28,200	(c)	-
13058519	Demick Canal	440	80	5.5
13058530	Progressive Willow Creek	37,200	(b)	-
TOTAL DIVERSIONS		214,580	5,013	3.2 (d)
TOTAL (NET WILLOW CREEK)		26,618 (e)		

(a) Sand Creek nr Ucon (13058510) minus Idaho Irrigation from Sand Creek (13058515).

(b) Acreage included in service area shown in Table 6 (13037505).

(c) Acreage included in service area shown in Table 9 (13057145).

(d) Does not include diversions 13058515, 13058510, 13058530, and any diversions with unknown acreage or zero amounts.

(e) Total of net Willow Creek excluding Snake River rediversions calculated as follows: Willow Creek blw Tex Creek (13057940) minus Willow Creek Floodway nr Ucon (13058520) plus storage released from Ririe Reservoir from 11/01/2010 through 10/31/2011, minus sum of diversions in Table 16 not including 13058510, 13058515, and 13058530.

(f) Acreage not determined.

TABLE 17. Summary of Diversions During 2011 Irrigation Year in Water District 1 (acre-feet).

River Reach	Total Diversions (acre-feet)
Snake River, Irwin to Lorenzo	1,494,754
Snake River, Lorenzo to Blackfoot	1,406,706
Snake River, Blackfoot to Milner	3,255,006
Henrys Fork	456,540 (a)
Falls River	163,010 (b)
Lower Teton River	222,306 (c)
Willow Creek	26,618 (d)
Total	7,024,940

- (a) Does not include 62,839 acre-feet of Henrys Fork water diverted to Fall River Canal and Lower Teton River via Crosscut Canal.
- (b) Includes 36,720 acre-feet of Henrys Fork water diverted by Fall River Canal from Crosscut Canal (13049560 minus 13050016 plus 13050108 minus 13050102).
- (c) Includes 26,119 acre-feet of Henrys Fork water diverted by Lower Teton diversions from Crosscut Canal (13050018).
- (d) Total of net Willow Creek excluding rediversions equals 26,618 acre-feet of Willow Creek water supplied to Willow Creek diversions.

TABLE 18. 2011 Accrued Storage and Seasonal Evaporation by Reservoir (acre-feet).

Reservoir	Space	Accrued Storage	Evaporation	Allocable Storage
Jackson Lake	847,000	847,000	8,983	838,017
Palisades	894,511	894,511	9,487	885,024
Palisades WWS	259,600	259,600	2,753	256,847
Henrys Lake	90,000	90,000	955	89,046
Island Park/Grassy Lake	150,204	150,204	1,593	148,611
Ririe	80,500	80,500	854	79,646
American Falls WWS	156,830	156,830	1,663	155,167
American Falls	1,507,968	1,507,968	15,993	1,491,975
Lake Walcott	95,200	95,200	1,010	94,190
Rental LTF	53,682	53,682	569	53,112
Palisades PWRH	157,000	157,000	1,665	155,335
TOTAL	4,292,494	4,292,494	45,525	4,246,969



TABLE 19. 2011 STORED WATER ACCOUNTS - IRWIN TO LORENZO (ACRE-FEET)

NUMBER	NAME	STORAGE OR RENTAL POOL PURCHASE, ALLOCATED SUPPLY (-)		STORAGE USED		REVERTED TO SPACEHOLDER FROM		RETURN TO RENTAL POOL		BALANCE	ADJUST- MENT	EXCESS USED	CARRY- OVER
		STORAGE ALLOCATED	RENTAL POOL PURCHASE, SUPPLY (-)	USED	FROM USER	RENTAL POOL FROM	RENTAL POOL	RENTAL POOL	RENTAL POOL				
13032510	P BIRD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13032515	BOY SCOUT PUMP	0.0	40.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13032520	A ROSTAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13032920	R ROSE	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	-2.6	2.6 a)	0.0	0.0
13033010	PALISADES CNL	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13033643	J FLEMING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13033650	MERT OGDEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13033660	LYNN DIXON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13033698	J CHICK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13034460	L JACOBSON	0.0	0.0	38.5	0.0	0.0	0.0	0.0	0.0	-38.5	38.5 a)	0.0	0.0
13037305	I SPAULDING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13037490	B FOSTER	0.0	0.0	474.5	0.0	0.0	0.0	0.0	0.0	-474.5	474.5 b)	0.0	0.0
13037505	ANDERSON (1A)	51244.7	-837.1	2838.5	0.0	0.0	0.0	0.0	0.0	47569.1	-7075.5 c)	0.0	40493.6
13037510	M & M CATTLE	0.0	0.0	145.4	0.0	0.0	0.0	0.0	0.0	-145.4	145.4 a)	0.0	0.0
13037855	M NEWBY #1(2A)	0.0	0.0	103.9	0.0	0.0	0.0	0.0	0.0	-103.9	103.9 a)	0.0	0.0
13037860	M NEWBY #2(2B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13037880	M NEWBY #3(2C)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13037975	EAGLE ROCK(1B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13037980	FARMERS FRIEND	11279.1	2.0	1315.9	0.0	0.0	0.0	0.0	0.0	9965.2	549.1 a)	0.0	10514.3
13037985	ENTERPRIZE	39210.7	-602.7	2917.9	0.0	0.0	0.0	0.0	0.0	35690.1	-3373.0 d)	0.0	32317.1
13037997	C HICKMAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038025	BUTLER ISLAND	247.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	247.3	0.0	0.0	247.3
13038030	ROSS AND RAND	0.0	0.0	56.5	0.0	0.0	0.0	0.0	0.0	-56.5	56.5 a)	0.0	0.0
13038050	STEELE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038055	HARRISON	46773.6	-791.4	412.7	0.0	0.0	0.0	0.0	0.0	45569.5	-5528.1 e)	0.0	40041.4
13038065	CHENEY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038075	G SCOTT #1(3A)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038079	J BROWN	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	-3.0	0.0	3.0	0.0
13038080	BUTLER ISL #2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038081	G SCOTT #2(3B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038084	SUBDIV PUMP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038085	RUDY	21604.4	-365.6	8747.8	0.0	0.0	0.0	0.0	0.0	12491.0	2883.1 a)	0.0	15374.1
13038090	LOWDER SLOUGH	2612.0	0.0	160.2	0.0	0.0	0.0	0.0	0.0	2451.8	132.6 a)	0.0	2584.4
13038098	KITE & NORD	0.0	0.0	334.9	0.0	0.0	0.0	0.0	0.0	-334.9	334.9 a)	0.0	0.0
13038110	BURGESS (4A)	50801.4	-859.6	6152.6	0.0	0.0	0.0	0.0	0.0	43789.2	-1176.9 f)	0.0	42612.3
13038113	M H HILL	0.0	0.0	134.3	0.0	0.0	0.0	0.0	0.0	-134.3	134.3 a)	0.0	0.0
13038115	CLARK & ED(5A)	791.5	0.0	1080.8	0.0	0.0	0.0	0.0	0.0	-289.3	-180.5 g)	469.8	0.0
13038145	CROFT	0.0	0.0	128.2	0.0	0.0	0.0	0.0	0.0	-128.2	128.2 a)	0.0	0.0
13038147	J EDWARDS (5D)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038148	G HOLMAN	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	-3.2	3.2 a)	0.0	0.0
13038149	G MUMA	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	-4.0	4.0 a)	0.0	0.0

TABLE 19. CONTINUED

NUMBER	NAME	STORAGE ALLOCATED	STORAGE OR RENTAL POOL PURCHASE, SUPPLY (-)	STORAGE USED	REVERTED TO RENTAL POOL FROM USER	RETURN TO SPACEHOLDER FROM RENTAL POOL	BALANCE	ADJUST- MENT	EXCESS USED	CARRY- OVER
13038150	EAST LABELLE	791.5	0.0	389.0	0.0	0.0	402.5	89.0 a)	0.0	491.5
13038151	B GROVER (5B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038180	RIGBY	6233.2	-105.5	481.6	0.0	0.0	5646.1	292.7 h)	0.0	5938.8
13038183	K FOSTER (5C)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038201	WHITE ISLAND	0.0	0.0	123.4	0.0	0.0	-123.4	123.4 ar)	0.0	0.0
13038204	DILTS LAT (6B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038205	DILTS (6A)	2554.6	0.0	67.1	0.0	0.0	2487.5	-419.9 j)	0.0	2067.6
13038210	ISLAND (30A)	4650.2	0.0	0.0	0.0	0.0	4650.2	0.0	0.0	4650.2
13038225	W LBL&LG I(7A)	5936.4	0.0	0.0	0.0	0.0	5936.4	-180.1 i)	0.0	5756.3
13038305	PARKS & LEWSVL	5441.7	0.0	104.1	0.0	0.0	5337.6	0.0	0.0	5337.6
13038315	NORTH RIGBY	1187.3	0.0	26.6	0.0	0.0	1160.7	0.0	0.0	1160.7
13038331	JEFF HILLS ELE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038340	WHITE DTCH(7B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038352	D PHILLIPS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038356	VON BARON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038360	BRAMWELL (8A)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038362	ELLIS (30B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038363	D SCOTT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038365	FRESH PAC (8B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038371	J T JONES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038372	C JONES	0.0	0.0	56.7	0.0	0.0	-56.7	56.7 as)	0.0	0.0
13038382	W DABELL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038384	D STOKER (7C)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038385	SKAAR PUMP	0.0	100.0	123.2	0.0	0.0	-23.2	0.0	23.2	0.0
13038386	J N ERICKSON	0.0	0.0	38.1	0.0	0.0	-38.1	38.1 a)	0.0	0.0
13038387	NELSON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038388	MATTSON-CRAIG	1424.7	0.0	298.3	0.0	0.0	1126.4	0.0	0.0	1126.4
13038392	SUNNYDELL(29A)	10190.8	0.0	443.6	0.0	0.0	9747.2	443.6 a)	0.0	10190.8
13038393	B COVINGTON	0.0	0.0	518.5	0.0	0.0	-518.5	518.5 a)	0.0	0.0
13038405	T PARKINSON	0.0	0.0	208.7	0.0	0.0	-208.7	208.7 a)	0.0	0.0
13038410	R GROVER	0.0	0.0	258.1	0.0	0.0	-258.1	258.1 a)	0.0	0.0
13038415	BYBEE PMP(29B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038417	D CHENEY	0.0	0.0	9.9	0.0	0.0	-9.9	9.9 a)	0.0	0.0
13038422	L ROBINSON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038426	LENROOT	16709.9	13.0	1804.1	0.0	0.0	14918.8	-1035.8 k)	0.0	13883.0
13038428	R BURNS	0.0	0.0	23.4	0.0	0.0	-23.4	0.0	23.4	0.0
13038431	REID	7053.4	0.0	984.8	0.0	0.0	6068.6	-790.3 j)	0.0	5278.3
13038434	TEXAS & LIBERTY	4650.2	0.0	0.0	0.0	0.0	4650.2	0.0	0.0	4650.2
13038435	BANNOCK JIM	0.0	0.0	27.7	0.0	0.0	-27.7	27.7 a)	0.0	0.0
13038436	HILL PETTINGER	0.0	0.0	327.3	0.0	0.0	-327.3	327.3 a)	0.0	0.0
13038437	NELSON COREY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13038438	L HILL	0.0	0.0	44.4	0.0	0.0	-44.4	44.4 a)	0.0	0.0
TOTAL		291388.5	-3404.9	31414.0	42.0	0.0	256527.6	-12331.2	519.4	244715.8

TABLE 20. 2011 STORED WATER ACCOUNTS - LORENZO TO BLACKFOOT (ACRE-FEET)

NUMBER	NAME	STORAGE OR		RETURN TO		STORAGE USED	REVERTED TO SPACEHOLDER		BALANCE	ADJUST- MENT	EXCESS USED	CARRY- OVER
		STORAGE ALLOCATED	RENTAL PURCHASE, SUPPLY (-)	RENTAL PURCHASE,	RENTAL FROM USER		RENTAL FROM	RENTAL POOL				
13056501	BEAVER DICK	96.0	0.0	0.0	0.0	7.9	0.0	0.0	88.1	0.0	0.0	88.1
13057012	L HARTERT(20B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057013	GUNDERSON(20C)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057014	MILR-BARN(20D)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057021	BTTE SLGH(20E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057025	BTTE-MKTL(20A)	50742.1	30.0	0.0	30.0	0.0	0.0	0.0	50742.1	-2400.2 j)	0.0	48341.9
13057030	BEAR TRAP	0.0	0.0	0.0	0.0	1.3	0.0	0.0	-1.3	1.3 a)	0.0	0.0
13057038	WALKER FARMS	0.0	0.0	0.0	0.0	168.2	0.0	0.0	-168.2	168.2 a)	0.0	0.0
13057046	M TOMCHAK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057090	A WILDE PUMP	0.0	0.0	0.0	0.0	27.4	0.0	0.0	0.0	0.0	0.0	0.0
13057097	N FULLMER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-27.4	27.4 a)	0.0	0.0
13057105	D BOYCE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057106	B TOMCHAK #1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057107	C BOYCE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057114	STIENKE-MURDOC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057115	L CARLSON N(4B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057116	B TOMCHAK #2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057117	L CARLSON S(4C)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057118	H BROWN	0.0	0.0	0.0	0.0	2.0	0.0	0.0	-2.0	2.0 a)	0.0	0.0
13057119	OSGOOD GR PMP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057120	KINGSTON NTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057121	G OFFUT (4D)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057122	KINGSTON STH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057123	BEAR ISL NORTH	153.4	0.0	0.0	0.0	6.7	0.0	0.0	146.7	-48.7 j)	0.0	98.0
13057124	BEAR ISL WEST	140.5	0.0	0.0	0.0	68.6	0.0	0.0	71.9	-9.2 j)	0.0	62.7
13057125	OSGOOD	11576.9	0.0	0.0	0.0	347.9	0.0	0.0	11229.0	-1852.1 l)	0.0	9376.9
13057126	CLEMENTS	263.2	0.0	0.0	0.0	0.0	0.0	0.0	263.2	-36.6 j)	0.0	226.6
13057130	KENNEDY	197.9	0.0	0.0	0.0	40.9	0.0	0.0	157.0	40.9 a)	0.0	197.9
13057135	GREAT WST(21A)	88210.4	-817.1	0.0	0.0	1795.9	0.0	0.0	85597.4	-13676.5 m)	0.0	71920.9
13057140	L HANSEN E(4E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057141	A ZOHNER	0.0	0.0	0.0	0.0	17.1	0.0	0.0	-17.1	17.1 a)	0.0	0.0
13057142	V CENELL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057143	M BOAM (4F)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057144	R MACKAY (4G)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057145	IDAHO (33A)	93569.0	-1200.7	0.0	0.0	795.6	0.0	0.0	91572.7	-11487.9 n)	0.0	80084.8
13057146	MORTIMER P(33B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13057250	PORTER (21B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 20. CONTINUED

NUMBER	NAME	STORAGE OR		REVERTED TO		RETURN TO		BALANCE	ADJUST- MENT	EXCESS USED	CARRY- OVER
		STORAGE ALLOCATED	RENTAL POOL PURCHASE, SUPPLY (-)	STORAGE USED	RENTAL POOL FROM USER	RENTAL POOL FROM	RENTAL POOL				
13059490	IF MONROC LYON	0.0	0.0	266.8	0.0	0.0	0.0	-266.8 o)	266.8 o)	0.0	0.0
13059505	WOODVILLE(22A)	15275.3	0.0	0.0	0.0	0.0	0.0	15275.3	-3109.6 j)	0.0	12165.7
13059510	WDVL PMP1(22B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13059515	WDVL PMP2(22C)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13059520	WDVL SIPH(22D)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13059525	IDAHO PUMP	0.0	0.0	3.0	0.0	0.0	0.0	-3.0	3.0 p)	0.0	0.0
13059525	SNKE R VY(23A)	90496.9	-6531.3	7194.4	0.0	0.0	0.0	76771.2	-7341.4 q)	0.0	69429.8
13060055	P HILL (23B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13060500	RESERV MITIG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13060501	RESERVATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13061430	BLACKFOOT	23723.7	0.0	0.0	0.0	0.0	0.0	23723.7	-6565.4 j)	0.0	17158.3
13061520	NEW LAVSD(24A)	11625.4	-196.7	0.0	0.0	0.0	0.0	11428.7	-29.1 r)	0.0	11399.6
13061521	ADAMS STH(25B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13061522	ADAMS ELEC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13061523	ADAMS NTH(25C)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13061525	PEOPLES (25A)	75624.3	0.0	1099.2	0.0	0.0	0.0	74525.1	-11646.6 s)	0.0	62878.5
13061610	ABERDEEN	263420.3	-2677.2	0.0	0.0	0.0	0.0	260743.1	-30151.5 t)	0.0	230591.6
13061625	SWID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13061650	CORBETT	11479.9	0.0	0.0	0.0	0.0	0.0	11479.9	-1747.2 j)	0.0	9732.7
13061670	NIELSON-HANSEN	0.0	0.0	40.0	0.0	0.0	0.0	-40.0	0.0	40.0	0.0
13061677	R LAMBERT(26B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13061685	CHRISTNSN(24B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13061705	RIVERSIDE(26A)	1484.1	0.0	118.2	0.0	0.0	0.0	1365.9	-573.8 u)	0.0	792.1
13061995	DANSKIN	2325.1	-39.3	683.6	0.0	0.0	0.0	1602.2	-185.9 m)	0.0	1416.3
13062050	TREGO	5195.3	-87.9	440.4	0.0	0.0	0.0	4667.0	-452.9 v)	0.0	4214.1
13062051	JENSEN GROVE	0.0	0.0	1105.8	0.0	0.0	0.0	-1105.8	1105.8 w)	0.0	0.0
13062503	WEARYRICK	593.6	0.0	0.0	0.0	0.0	0.0	593.6	0.0	0.0	593.6
13062504	WADSWORTH(32A)	0.0	0.0	34.4	0.0	0.0	0.0	-34.4	0.0	34.4	0.0
13062505	WADSWORTH(32B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13062506	WATSON	2034.2	0.0	0.0	0.0	0.0	0.0	2034.2	0.0	0.0	2034.2
13062507	PARSONS	983.5	0.0	0.0	0.0	0.0	0.0	983.5	0.0	0.0	983.5
TOTAL		749210.9	-11520.2	14265.3	30.0	0.0	0.0	723395.4	-89682.1	74.4	633787.7

TABLE 21. 2011 STORED WATER ACCOUNTS - BLACKFOOT TO MILNER (ACRE-FEET)

NUMBER	NAME	STORAGE OR		RETURN TO		ADJUST- MENT	EXCESS USED	CARRY- OVER
		STORAGE ALLOCATED	RENTAL PURCHASE, SUPPLY (-)	REVERTED TO STORAGE RENTAL FROM USER	SPACEHOLDER RENTAL POOL FROM			
13075900	FT HALL MICHAU	129443.4	-45716.0	14134.4	0.0	69593.0	0.0	69593.0
13076400	FALLS IRRIGATI	63148.1	-10083.7	8083.3	0.0	44981.1	0.0	42595.4
13077652	M OSBORN	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13077755	CALL FARMS	0.0	0.0	48.7	0.0	-48.7	0.0	0.0
13077775	R EVANS	0.0	80.0	52.4	0.0	0.0	0.0	0.0
13080000	MINIDKA N(27A)	362666.4	-17511.2	75338.0	0.0	269817.2	0.0	246699.1
13080500	MINIDKA S(27B)	224084.9	3527.5	53225.1	0.0	174387.3	0.0	104914.8
13084590	E HERBERT	0.0	0.0	79.1	0.0	-79.1	0.0	0.0
13084598	MID MISC	0.0	0.0	94.0	0.0	-94.0	0.0	0.0
13084599	MILNER MISC	0.0	0.0	109.7	0.0	-109.7	109.7	0.0
13084610	LAW-KER FAMRS	0.0	0.0	6.0	0.0	-6.0	0.0	0.0
13084640	BURLEY GC	0.0	0.0	84.7	0.0	-84.7	0.0	0.0
13084650	CITY OF BURLEY	0.0	0.0	56.5	0.0	-56.5	0.0	0.0
13084655	SIMPLLOT FTILZR	2473.5	0.0	0.0	0.0	2473.5	0.0	2473.5
13084690	AMALGA SUGAR	0.0	0.0	35.3	0.0	-35.3	0.0	0.0
13084710	R TILLEY PUMP	0.0	0.0	14.3	0.0	-14.3	0.0	0.0
13084720	COORS BREWNG	0.0	0.0	59.8	0.0	-59.8	0.0	0.0
13084725	K SANDMANN	0.0	0.0	3.8	0.0	-3.8	3.8	0.0
13085270	H SCHODDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13085275	BAR-U-RANCH #1	0.0	0.0	47.9	0.0	-47.9	0.0	0.0
13085300	BAR-U-RANCH #2	0.0	0.0	95.4	0.0	-95.4	0.0	0.0
13085350	SWID PUMPS	0.0	6670.0	6169.6	500.4	0.0	0.0	0.0
13085390	M HOBSON	0.0	0.0	130.7	0.0	-130.7	0.0	0.0
13085400	V HOBSON	0.0	0.0	103.1	0.0	-103.1	0.0	0.0
13085500	A & B IRR DIST	136166.3	-418.5	19824.5	0.0	115923.3	0.0	102139.1
13085800	PA LATERL(28B)	0.0	0.0	0.0	0.0	-13784.2	0.0	0.0
13086000	MILNER IRRIG	88502.3	10500.0	16670.9	0.0	82331.4	0.0	64486.6
13086510	A LATERL (28C)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13086512	J BRUNE (28D)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13086520	NS XCUT (28E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13086530	RES DIST #2	389376.1	5833.0	168008.5	0.0	227200.6	0.0	107617.7
13087000	NRTHSDE TF(28A)	850778.1	10000.0	258232.4	0.0	602545.7	0.0	504578.4
13087500	TWIN FALLS SOU	243321.7	5043.0	75797.8	0.0	172566.9	0.0	129757.1
TOTAL		2489960.7	-32075.9	696505.9	528.0	-386109.8	113.5	1374854.7

TABLE 22. 2011 STORED WATER ACCOUNTS - MAIN STEM HENRYS FRK (ACRE-FEET)

NUMBER	NAME	STORAGE OR		STORAGE USED		REVERTED TO SPACEHOLDER		RETURN TO		ADJUST- MENT	EXCESS USED	CARRY- OVER
		STORAGE ALLOCATED	RENTAL PURCHASE, SUPPLY (-)	RENTAL PURCHASE, SUPPLY (-)	USED	FROM USER	RENTAL POOL FROM	RENTAL POOL	BALANCE			
13045655	G MAROTZ	19.3	0.0	0.0	0.0	0.0	0.0	0.0	19.3	0.0	0.0	19.3
13045675	N FK HIGHLANDS	55.4	0.0	0.0	0.0	0.0	0.0	0.0	55.4	0.0	0.0	55.4
13045705	F HOWELL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13045710	S BOLLAERT	98.9	0.0	0.0	0.0	0.0	0.0	0.0	98.9	0.0	0.0	98.9
13045721	F VANDERSLOOT	98.9	0.0	11.9	0.0	0.0	0.0	0.0	87.0	0.0	0.0	87.0
13045724	F VANDERSLOOT	0.0	0.0	5.0	0.0	0.0	0.0	0.0	-5.0	0.0	5.0	0.0
13045727	F VANDERSLOOT	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-2.8	0.0	2.8	0.0
13045755	T HOLCOMB	0.0	0.0	41.7	0.0	0.0	0.0	0.0	-41.7	41.7 a)	0.0	0.0
13045780	R LEE	40.6	0.0	0.0	0.0	0.0	0.0	0.0	40.6	0.0	0.0	40.6
13045805	Z EGBERT 1(9B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13045807	R RITCHEY	81.1	0.0	0.0	0.0	0.0	0.0	0.0	81.1	0.0	0.0	81.1
13045810	N MLLER 1(10A)	191.9	0.0	0.0	0.0	0.0	0.0	0.0	191.9	0.0	0.0	191.9
13045811	N MLLER 2(10B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13045813	Z EGBERT #2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13045823	R D BAKER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13045829	D PHELPS (9C)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13045849	D SEELEY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13045860	Z EGBERT 3(9D)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13045880	Z EGBERT #4	0.0	0.0	11.1	0.0	0.0	0.0	0.0	-11.1	0.0	11.1	0.0
13045930	Z EGBERT #5	217.7	0.0	22.0	0.0	0.0	0.0	0.0	195.7	0.0	0.0	195.7
13045940	G NEDROW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13045950	BAKER & NEDROW	302.8	0.0	69.4	0.0	0.0	0.0	0.0	233.4	0.0	0.0	233.4
13045960	M REYNOLDS #1	165.2	0.0	0.0	0.0	0.0	0.0	0.0	165.2	0.0	0.0	165.2
13046015	R & C BAUM	128.6	160.0	21.4	138.6	0.0	0.0	0.0	128.6	0.0	0.0	128.6
13046020	J MCCULLOCH	0.0	0.0	3.6	0.0	0.0	0.0	0.0	-3.6	3.6 a)	0.0	0.0
13046025	M REYNOLDS #2	95.5	0.0	0.0	0.0	0.0	0.0	0.0	95.5	0.0	0.0	95.5
13046070	A NEDROW #1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13046072	A NEDROW #2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13046075	J NEDROW	303.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13046083	V & D KIRKHAM	0.0	0.0	88.1	0.0	0.0	0.0	0.0	215.6	88.1 a)	0.0	303.7
13046084	D NEDROW	0.0	0.0	17.5	0.0	0.0	0.0	0.0	-17.5	0.0	17.5	0.0
13046086	L FRANSSEN(11B)	0.0	0.0	73.0	0.0	0.0	0.0	0.0	-73.0	73.0 a)	0.0	0.0
13046090	L BRATT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13046095	L LOOSLI #1	4.0	0.0	14.3	0.0	0.0	0.0	0.0	-10.3	0.0	10.3	0.0
13046310	DEWEY	582.8	380.0	187.8	192.2	192.2	192.2 ah)	0.0	775.0	-380.0 ai)	0.0	395.0
13046315	J SEELEY	191.0	0.0	0.0	0.0	0.0	0.0	0.0	191.0	0.0	0.0	191.0

TABLE 22. CONTINUED

NUMBER	NAME	STORAGE OR		REVERTED TO		RETURN TO		ADJUST- MENT	EXCESS USED	CARRY- OVER
		STORAGE ALLOCATED	RENTAL POOL PURCHASE, SUPPLY (-)	STORAGE USED	RENTAL POOL FROM USER	RENTAL POOL FROM	BALANCE			
13049550	LAST CHANCE	11745.1	5717.0	2356.6	3360.4	3360.4	ah)15105.5	-3360.4	ai)	11745.1
13049560	XCUT TO TETN	0.0	0.0	1319.5	0.0	0.0	-1319.5	0.0	1319.5	0.0
13049561	XCUT FAL R(16B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13049705	FARMERS FRIEND	4800.6	0.0	2187.4	0.0	0.0	2613.2	0.0	0.0	0.0
13049710	TWIN GROVES	4902.0	410.0	0.0	410.0	410.0	ah) 5312.0	-410.0	ai)	4902.0
13049725	ST ANTH U(17A)	11079.7	3162.0	0.0	3162.0	3162.0	ah)14241.7	-3162.0	ai)	11079.7
13049805	SALEM UNION CA	29670.0	465.0	135.2	329.8	329.8	ah)29999.8	-465.0	ai)	29534.8
13050525	EGIN	9705.3	0.0	0.0	0.0	0.0	9705.3	0.0	0.0	9705.3
13050530	ST AN U FD(17B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13050535	INDEPENDENT	32597.4	227.0	2770.1	0.0	0.0	30054.3	-227.0	ai)	29827.3
13050545	CONSOLIDATED F	22949.6	975.0	0.0	975.0	975.0	ah)23924.6	-975.0	ai)	22949.6
TOTAL		130027.0	11496.0	9338.4	8568.0	8429.4	132046.0	-8773.0	1366.2	124639.2

TABLE 23. 2011 STORED WATER ACCOUNTS - FALLS RIVER (ACRE-FEET)

NUMBER	NAME	STORAGE OR		REVERTED TO SPACEHOLDER		RETURN TO	BALANCE	ADJUST- MENT	EXCESS USED	CARRY- OVER
		STORAGE ALLOCATED	RENTAL PURCHASE, SUPPLY (-)	STORAGE USED	RENTAL FROM USER	RENTAL FROM				
13047305	YELLOWSTONE	1698.8	0.0	157.5	0.0	0.0	1541.3	157.5 a)	0.0	1698.8
13047474	ATCHLEY P(9E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13047475	MARYSVILLE(9A)	19117.0	0.0	1545.5	0.0	0.0	17571.5	954.8 a)	0.0	18526.3
13047515	F & L GRIFFEL	197.9	0.0	158.9	0.0	0.0	39.0	0.0	0.0	39.0
13047565	R BAUM	0.0	0.0	35.7	0.0	0.0	-35.7	0.0	35.7	0.0
13047570	G/6 (9F)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13047575	FRMRS OWN(11A)	7510.0	0.0	528.0	0.0	0.0	6982.0	255.3 a)	0.0	7237.3
13047605	W SCAPE	98.9	0.0	8.3	0.0	0.0	90.6	0.0	0.0	90.6
13047615	R STURM #2(9G)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13047616	R STURM #1(9H)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13047625	M GRIFFEL	0.0	0.0	73.4	0.0	0.0	-73.4	73.4 a)	0.0	0.0
13047635	L LOOSLI #2	553.1	0.0	42.8	0.0	0.0	510.3	42.8 a)	0.0	553.1
13047636	C MALOUF	0.0	0.0	82.1	0.0	0.0	-82.1	0.0	82.1	0.0
13047681	CONANT CNL(12A)	2360.7	0.0	215.3	0.0	0.0	2145.4	0.0	0.0	2145.4
13047710	K NYBORG	227.6	0.0	0.0	0.0	0.0	227.6	0.0	0.0	227.6
13047900	BOOM CRK (13A)	850.9	0.0	108.9	0.0	0.0	742.0	0.0	0.0	742.0
13048050	ORME CANAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13048060	SQUIR P 3(14A)	237.5	0.0	149.2	0.0	0.0	88.3	0.0	0.0	88.3
13048070	L ORME PUMP	98.9	0.0	0.0	0.0	0.0	98.9	0.0	0.0	98.9
13048080	HARSHBRGR(13B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13048255	SQUIR P 1(14B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13048265	D ZUNDELL(12B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13048275	L LOOSLI 3(15A)	324.0	0.0	0.0	0.0	0.0	324.0	0.0	0.0	324.0
13048280	L LOOSLI 4(15B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13048290	D BUDGE	118.7	0.0	10.9	0.0	0.0	107.8	0.0	0.0	107.8
13048350	J HILL (12C)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13048430	D REYNOLDS	355.2	0.0	86.9	0.0	0.0	268.3	0.0	0.0	268.3
13048440	C LOOSLI	125.7	0.0	183.1	0.0	0.0	-57.4	0.0	57.4	0.0
13048470	T POTTER	59.4	0.0	10.3	0.0	0.0	49.1	0.0	0.0	49.1
13048475	ENTERPRISE	25862.6	0.0	5092.3	0.0	0.0	20770.3	-5240.6 j)	0.0	15529.7
13048485	R D MILLER	168.2	0.0	0.0	0.0	0.0	168.2	0.0	0.0	168.2
13048551	C ATCHLEY (9I)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13048556	W C DAVIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13048560	FALL R CNL(16A)	8166.3	1055.0	0.0	1055.0 ah)	0.0	9221.3	-1055.0 ai)	0.0	8166.3
13048705	CHESTER	1310.7	0.0	932.7	0.0	0.0	378.0	0.0	0.0	378.0
13049008	MCBEE	14.8	0.0	0.0	0.0	0.0	14.8	0.0	0.0	14.8
13049010	SILKEY	160.3	0.0	0.0	0.0	0.0	160.3	0.0	0.0	160.3
13049015	CURR	28.7	0.0	0.0	0.0	0.0	28.7	0.0	0.0	28.7
13049310	RLF PUMP	79.2	0.0	0.0	0.0	0.0	79.2	0.0	0.0	79.2
13049490	L LOOSLI #5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13049495	G BLANCHARD	44.5	0.0	0.0	0.0	0.0	44.5	0.0	0.0	44.5
TOTAL		69769.3	1055.0	9421.8	1055.0	1055.0	61402.5	-4811.8	175.2	56766.0



TABLE 24. 2011 STORED WATER ACCOUNTS - TETON RIVER (ACRE-FEET)

NUMBER	NAME	STORAGE OR RENTAL POOL PURCHASE, RENTAL SUPPLY (-)		STORAGE USED		REVERTED TO SPACEHOLDER FROM		BALANCE	ADJUST- MENT	EXCESS USED	CARRY- OVER
		STORAGE ALLOCATED	RENTAL SUPPLY (-)	USED	FROM USER	RENTAL POOL	FROM SPACEHOLDER				
13053951	SOUTH PIPE(31A)	922.1	1740.0	1483.5	256.5	0.0	0.0	922.1	0.0	0.0	922.1
13053971	J RICKS (31B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13054031	BOELKE (31C)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13054042	CLEMTSVL(31D)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13054045	HIBBERT FARMS	118.7	0.0	135.2	0.0	0.0	0.0	-16.5	0.0	16.5	0.0
13054111	R & J BROWN	112.8	1000.0	676.6	323.4	0.0	0.0	112.8	0.0	0.0	112.8
13054291	P L STOTT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13054420	B PARKINSON	103.9	0.0	1365.4	0.0	0.0	0.0	-1261.5	0.0	1261.5	0.0
13054515	CANYON CR CANA	1572.6	0.0	161.2	0.0	0.0	0.0	1411.4	0.0	0.0	1411.4
13054577	G CRAPO	29.7	0.0	0.0	0.0	0.0	0.0	29.7	0.0	0.0	29.7
13054590	P STEVENS	297.8	800.0	1096.1	0.0	0.0	0.0	1.7	45.4 aj)	0.0	47.1
13054705	V SCHWENDIMAN	0.0	2000.0	1230.6	769.4	0.0	0.0	0.0	0.0	0.0	0.0
13054772	R B RICKS	217.7	0.0	37.9	0.0	0.0	0.0	179.8	0.0	0.0	179.8
13054801	CANYON CR LAT	126.6	800.0	1427.3	0.0	0.0	0.0	-500.7	0.0	500.7	0.0
13054850	SIDDOWNAY SHEEP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13054940	H BISCHOFF	0.0	0.0	24.4	0.0	0.0	0.0	-24.4	0.0	24.4	0.0
13055030	WILFORD	3721.6	0.0	508.4	0.0	0.0	0.0	3213.2	0.0	0.0	3213.2
13055032	D ALLEN (18B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13055033	B TUCKER (18C)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13055036	B PARKER (18D)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13055037	SIDWY PMP(18E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13055039	MCKINLEY(18F)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13055040	TETON IRR(18A)	1821.8	0.0	0.0	0.0	0.0	0.0	1821.8	0.0	0.0	1821.8
13055042	SIDDOWNAY (18G)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13055050	PIONEER	141.8	0.0	0.0	0.0	0.0	0.0	141.8	0.0	0.0	141.8
13055060	STEWART	414.1	0.0	0.0	0.0	0.0	0.0	414.1	0.0	0.0	414.1
13055193	N BIRCH	29.7	0.0	0.0	0.0	0.0	0.0	29.7	0.0	0.0	29.7
13055195	B LEAVITT	89.0	0.0	24.2	0.0	0.0	0.0	64.8	0.0	0.0	64.8
13055205	PINCOCK-BYGTON	298.8	0.0	57.1	0.0	0.0	0.0	241.7	0.0	0.0	241.7
13055206	B HOLLIST	49.5	0.0	0.0	0.0	0.0	0.0	49.5	0.0	0.0	49.5
13055210	TETON ISLAND F	8646.2	2558.0	0.0	2558.0	2558.0 ah)	11204.2	-2558.0 ai)	0.0	0.0	8646.2
13055245	SALEM UNION B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13055263	J HARRIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13055275	ROXANA	785.6	0.0	0.0	0.0	0.0	0.0	785.6	0.0	0.0	785.6
13055280	ISLAND WARD	3258.3	0.0	565.6	0.0	0.0	0.0	2692.7	0.0	0.0	2692.7
13055295	SAUREY	161.3	0.0	0.0	0.0	0.0	0.0	161.3	0.0	0.0	161.3
13055311	PINCOCK-GARNER	0.0	52.0	2.0	50.0	50.0 ah)	0.0	50.0	-50.0 ai)	0.0	0.0
13055313	GARDNER-BEDDES	118.7	0.0	0.0	0.0	0.0	0.0	118.7	0.0	0.0	118.7
13055314	BIGLER SLOUGH	57.4	0.0	0.1	0.0	0.0	0.0	57.3	0.0	0.0	57.3
13055315	WDMNSE-JSN(19A)	1416.8	0.0	0.0	0.0	0.0	0.0	1416.8	0.0	0.0	1416.8
13055319	G GODFREY	4.9	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	4.9
13055321	R R RICKS	217.7	0.0	7.1	0.0	0.0	0.0	210.6	0.0	0.0	210.6
13055323	CITY OF REXBUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13055325	T BRUNSON(19B)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13055327	J S WRIGHT	30.7	0.0	0.0	0.0	0.0	0.0	30.7	0.0	0.0	30.7
13055334	REXBURG IRRIG	4421.1	0.0	57.9	0.0	0.0	0.0	4363.2	0.0	0.0	4363.2
TOTAL		29186.8	8950.0	8860.6	3957.3	2608.0	27926.9	-2562.6	1803.0	27167.4	

TABLE 25. 2011 STORED WATER ACCOUNTS - WILLOW CREEK (ACRE-FEET)

NUMBER	NAME	STORAGE ALLOCATED	STORAGE OR RENTAL POOL PURCHASE, SUPPLY (-)	STORAGE USED	REVERTED TO RENTAL POOL FROM USER	RETURN TO SPACEHOLDER FROM RENTAL POOL	BALANCE	ADJUST- MENT	EXCESS USED	CARRY- OVER
13057938	LOERTSCHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058015	BOYD FOSTER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058090	SCHWENDIMAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058105	LOVELL # 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058125	FERGUSON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058145	LOVELL # 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058165	W REID #1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058210	SARGENT & SUMM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058230	DURTSCHI PUMPS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058250	W REED #2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058265	FOSTER-SARGENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058270	SPERRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058290	ORVAL AVERY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058310	ROY AVERY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058330	STUCKI PUMPS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058340	SCHWENDIMAN #2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058370	ROY COOPER SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058380	ROY COOPER WIL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058508	D KEELER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058510	PROGRESSIVE SA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058512	BEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058514	W & O COOPER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058515	IDAHO FR SAND	0.0	0.0	843.3	0.0	0.0	-843.3	843.3 p)	0.0	0.0
13058519	DEMICK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13058530	PROGRESSIVE WI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOTAL	0.0	0.0	843.3	0.0	0.0	-843.3	843.3	0.0	0.0

TABLE 26. 2011 STORED WATER ACCOUNTS - MISCELLANEOUS (ACRE-FEET)

NUMBER	NAME	STORAGE ALLOCATED	STORAGE OR RENTAL POOL PURCHASE, SUPPLY (-)	STORAGE USED	REVERTED TO FROM USER	RENTAL POOL FROM	RETURN TO SPACEHOLDER	BALANCE	ADJUST- MENT	EXCESS USED	CARRY- OVER
99999100	POCATELLO CITY	49469.7	-10000.0	0.0	0.0	0.0	0.0	39469.7	0.0	0.0	39469.7
99999150	FMC CORP	4947.0	0.0	0.0	0.0	0.0	0.0	4947.0	0.0	0.0	4947.0
99999200	FRE-MAD SNAKE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99999250	WYOMING COMPECT	32650.0	0.0	0.0	0.0	0.0	0.0	32650.0	0.0	0.0	32650.0
99999300	PALISADES USRS	53061.2	-1193.3	0.0	0.0	0.0	0.0	51867.9	-15863.9 ak)	0.0	36004.0
99999350	IDAHO POWER CO	43805.4	95716.0	139521.4 al)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99999400	BUREAU OF REC	177987.1	185000.0	207652.2 am)	0.0	0.0	0.0	155334.9	0.0	0.0	155334.9
99999410	ARTESIAN IRR	2764.4	0.0	0.0	0.0	0.0	0.0	2764.4	-2764.4 an)	0.0	0.0
99999500	SNAKE UNALC BK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99999525	FREE-MAD TRANS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99999550	FRE-MAD MISC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99999600	F-M UNALLOCATED	24315.7	-21251.0	0.0	0.0	1487.9	0.0	4552.6	-3344.4 ao)	0.0	1208.2
99999700	MITIGATION INC	98424.9	-1664.2	0.0	0.0	0.0	0.0	96760.7	0.0	0.0	96760.7
99999725	GROUND WTR EX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99999950	MILNER	40364.6	10.0	563630.0 ap)	0.0	600.0	0.0	-522655.4	522655.4 aq)	0.0	0.0
99999990	OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOTAL	527790.0	246617.5	910803.6	0.0	2087.9	-134308.3	500682.7	0.0	0.0	366374.5

TABLE 27. SUMMARY BY REACH OF 2011 STORED WATER ACCOUNTS IN WATER DISTRICT 1 (ACRE-FEET)

REACH	STORAGE OR		REVERTED TO		RETURN TO		ADJUST- MENT	EXCESS USED	CARRY- OVER
	STORAGE ALLOCATED	RENTAL POOL PURCHASE, SUPPLY (-)	STORAGE USED	RENTAL POOL FROM USER	RENTAL POOL FROM	BALANCE			
IRWIN TO LORENZO	291388.5	-3404.9	31414.0	42.0	0.0	256527.6	-12331.2	519.4	244715.8
LORENZO TO BLACKFOOT	749210.9	-11520.2	14265.3	30.0	0.0	723395.4	-89682.1	74.4	633787.7
BLACKFOOT TO MILNER	2489960.7	-32075.9	696505.9	528.0	0.0	1760850.9	-386109.8	113.5	1374854.7
MAIN STEM HENRYS FRK	130027.0	11496.0	9338.4	8568.0	8429.4	132046.0	-8773.0	1366.2	124639.2
FALLS RIVER	69769.3	1055.0	9421.8	1055.0	1055.0	61402.5	-4811.8	175.2	56766.0
TETON RIVER	29186.8	8950.0	8860.6	3957.3	2608.0	27926.9	-2562.6	1803.0	27167.4
WILLOW CREEK	0.0	0.0	843.3	0.0	0.0	-843.3	843.3	0.0	0.0
MISCELLANEOUS	527790.0	246617.5	910803.6	0.0	2087.9	-134308.3	500682.7	0.0	366374.5
TOTAL	4287333.2	221117.5	1681452.9	14180.3	14180.3	2826997.8	-2744.5	4051.9	2828305.1

## FOOTNOTES FOR TABLES 19 THRU 27

- a) Palisades Water User Storage.
- b) Palisades Water User Storage (322.5 AF) and PWUI Storage Transfer from Idaho Canal (152.0 AF).
- c) Palisades Water User Storage (230.0 AF) and Adjustment to American Falls Carryover due to spill past Milner (-2,305.5 AF) and Amount of 2011 Recharge lease completed after 10/31/11 (-5,000 AF).
- d) Palisades Water User Storage (14.8 AF) and Adjustment to American Falls Carryover due to spill past Milner (-2,008.2 AF) and Amount of 2011 Recharge lease completed after 10/31/11 Milner Time (-1,379.6 AF).
- e) Palisades Water User Storage (45.5 AF) and Adjustment to American Falls Carryover due to spill past Milner (-5,573.6 AF).
- f) Palisades Water User Storage (4.9 AF) and Adjustment to American Falls Carryover due to spill past Milner (-1,181.8 AF).
- g) Palisades Water User Storage (44.5 AF) and Storage Transfer to Rigby Canal (-225.0 AF).
- h) Palisades Water User Storage (67.7 AF) and Storage Transfer from Clark & Edwards (225.0 AF).
- i) Storage Transfer to White Island (-123.4 AF) and Storage Transfer to C Jones (-56.7 AF).
- j) Adjustment to American Falls Carryover due to spill past Milner.
- k) Palisades Water User Storage (14.8 AF) and Adjustment to American Falls Carryover due to spill past Milner (-1,050.6 AF).
- l) Palisades Water User Storage (39.6 AF) and Adjustment to American Falls Carryover due to spill past Milner (-1,891.7 AF).
- m) Palisades Water User Storage (1,795.9 AF) and Storage Transfer to IF Monroc Lyons (-266.8 AF) and Adjustment to American Falls Carryover due to spill past Milner (-12,001.5 AF) and Amount of 2011 Recharge lease completed after 10/31/11 Milner Time (-3,204.1 AF).
- n) Palisades Water User Storage (152.0 AF) and PWUI Storage Transfer to B Foster (-152.0 AF) and Storage Transfer to Idaho from Sand Creek (-843.3 AF) and to Idaho Pump (-3.0 AF) and Adjustment to American Falls Carryover due to spill past Milner (-9,881.2 AF) and Amount of 2011 Recharge lease completed after 10/31/11 Milner Time (-760.4 AF).
- o) Storage Transfer from New Sweden.
- p) Storage Transfer from Idaho Canal.
- q) Storage Transfer to Jensen Grove (-561.6 AF) and Adjustment to American Falls Carryover due to spill past Milner (-5,153.9 AF) and Amount of 2011 Recharge lease completed after 10/31/11 Milner Time (-1,625.9 AF).
- r) Storage Transfer from New Lavaside to Riverside Canal.
- s) Adjustment to American Falls Carryover due to spill past Milner (-9,076.7 AF) and Amount of 2011 Recharge lease completed after 10/31/11 Milner Time (-2,569.9 AF).
- t) Adjustment to American Falls Carryover due to spill past Milner (-21,154.5 AF) and Amount of Recharge lease diverted after 2/6/1895 Priority had been restored (-8,997.0 AF).
- u) Storage Transfer from New Lavaside (29.1 AF) and Amount of 2011 Recharge lease completed after 10/31/11 Milner Time (-602.9 AF).

TABLE 28. System Summary of 2011 Stored Water in Water District 1 (acre-feet)

October 31, 2010 Storage	1,844,921	
Palisades Powerhead Space	157,000	
Early Season Fill	2,330,938	
Initial 2011 Storage	4,332,859	
Evaporation	-45,525	
Initial rental from Rental Pool	221,118	
Storage Diverted above Milner	-770,649	
Storage used Past Milner	-910,804	
Groundwater Exchange Pumping	45	
Unallocated Storage Accrued	555	
Snake Excess Use	<u>707</u>	
Carry-over		2,828,306
Late Season Fill		235,982
Adjustment for initial rental pool supply		-221,118
Adjustment for Ririe Correction		-1,759
Adjustment for Willow Correction		2,236
Adjustment for Gain Averaging		17,202
Adjustment for Snake River Excess Use		-707
Adjustment for Powerhead Space		<u>-157,000</u>
October 31, 2011 Storage		2,703,142

TABLE 29. Actual Reservoir Contents in Water District 1 on  
October 31, 2011 (acre-feet)

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Jackson Lake	627,001
Palisades	1,043,820
Henrys Lake	86,000
Island Park	111,943
Grassy Lake	11,398
Ririe	45,080
American Falls	701,900
Lake Walcott	48,200
Lake Milner	<u>27,800</u>
TOTAL	2,703,142

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## WATER DISTRICT 1 RENTAL POOL

Each year there are water users who have natural flow and storage supplies which are inadequate to meet their water requirements for that season. There are also water users who have storage supplies in excess of their needs. Such spaceholders have the opportunity to make these supplies available for purchase through the Water District 1 Rental Pool, which was created under the provision of Section 42-1761 of the Idaho Code.

Through the provisions of Idaho Code § 42-1765, the Committee of Nine was appointed by the Water Resources Board to act as the local operating committee for the rental pool. The 2011 Rental Pool Committee, appointed by the Chairman of the Committee of Nine, consisted of Albert Lockwood, Leonard Beck, Rodney Dalling, Lyle Swank, and Matt Howard, an advisory committee member from the United States Bureau of Reclamation.

The cost of rental water was designed to recognize costs associated with owning reservoir space and to allow the spaceholder an opportunity to recover these costs by selling water through the rental pool. The rental price to purchasers of rental storage above Milner from the late-season-fill supply was \$6.30 per acre-foot, consisting of a \$5.00 rental fee, plus 10% Water Resources Board surcharge (\$0.50), plus administrative fee of \$0.80. The rental price for flow augmentation below Milner was \$14.00 per acre-foot, consisting of \$12.00 rental fee, plus a 10% surcharge (\$1.20) to the Water Resources Board, plus an administrative fee of \$0.80. Administrative fees of \$0.80 per acre-foot and the 10% Water Resource Board fee were also collected for two-party private leases.

The participating spaceholders listed in Table 30 agreed to make 2011 late-season-fill available to the rental supply in exchange for being paid 70% of the fees collected from 2011 rentals. If the reservoirs fail to fill in 2012 as a result of using this late-season-fill, participating spaceholders whose space fails to fill as a result of this rental process will be paid an additional amount for the impacts to their unfilled space from the remaining 30% of rental fees collected. If any water users represented by the Committee of Nine supplying water to irrigation rentals or rentals of water for flow augmentation who are classified as non-participating spaceholders, are impacted as a result of the participating spaceholders providing water to the rental pool at the end of the 2011 season, those impacted non-participating spaceholders are provided storage from participating spaceholders equal to the amount of impacts to their unfilled space in 2012.

Making rental water available for power usage discussions started at the rental pool subcommittee meeting held on April 20, 2011. Discussions continued in the subcommittee meetings until the Supplemental Pool Rules were approved by the Committee of Nine at their June 27, 2011 meeting. These rules were adopted later by the Idaho Water Resource Board on July 29, 2011. With above normal water supply the first Supplement Pool rental application was accepted from Idaho Power by the Committee of

Nine on June 27, 2011 for 15,000 acre-feet. Suppliers had until July 12, 2011 to make an application to supply water for below Milner power rental. The suppliers of this supplemental pool can be found in Table 30A. Some applications were reduced as outlined in the rules and then a pro-rata share was utilized from the suppliers who were timely in their applications.

There were no impacts to the 2011 storage allocations as a result of providing 2010 late-season fill to provide Common Pool rentals during that season. In 2011, late-season-fill was used to supply 1,117.5 acre-feet of initial agricultural rentals above Milner, 35,000 acre-feet for power below Milner, 185,000 acre-feet for flow augmentation, and 597.6 acre-feet to supply excess storage uses computed at the end of the 2011 season. Purchasers of this supply are shown in Table 31. An additional 116,728 acre-feet were supplied through two-party leases for rental purposes diverted above Milner (Table 32), plus the 15,000 acre-feet supplied through the supplemental pool from spaceholder storage allocation (Table 30A).

The majority of the land irrigated from the Henrys Fork and its tributaries is within the boundaries of the Fremont Madison Irrigation District. Henrys Fork users can usually purchase Fremont-Madison unallocated storage or groundwater pumped from groundwater exchange wells through the Fremont Madison Irrigation District if they need additional supplies. In 2011, Fremont Madison Irrigation District rented a total of 21,251 acre-feet distributed to diversions shown as storage purchased in Tables 22 through 24. In addition, excess uses on the Henrys Fork, Falls and Teton Rivers totaled 3,344 acre-feet. The total 24,595 acre-feet of rental supplied by Fremont Madison Irrigation District consisted entirely of storage in Island Park and Grassy Lake Reservoirs.



**Table 30. 2011 Rental Pool Participants**

Spaceholders	
Progressive Irrigation District	New Sweden Irrigation Dist
Farmers Friend Irrig Co Ltd	Idaho Irrigation Dist
Enterprize Canal Co Ltd	Woodville Canal Co
Butler Island Canal Co	Snake River Valley Irrigation Dist
Harrison Canal & Irrig	Blackfoot Irrigation Co
Rudy Irrigation Canal Co Ltd	New Lavaside Canal Co
Lowder Slough Canal Co	Peoples Canal & Irrig Co
Burgess Canal & Irrig Co	Aberdeen-Springfield Canal Co
Clark & Edwards Canal Co	Corbett Slough Ditch Co
Labelle Irrigating Co	Riverside Canal Co
Rigby Canal & Irrigation Co	United Canal Co
Dilts Irrigation Co Ltd	Wearyrick Ditch Co
Island Irrigation Company	Watson Canal Co
West Labelle Irrigation	Parsons Ditch Co
Long Island Irrig Co	Falls Irrigation Dist
Parks & Lewisville Irrig Co	Minidoka Irrig Dist
North Rigby Irrigation & Canal Co	Burley Irrig Dist
Craig-Mattson Canal Co	Jr Simplot
Sunnydell Irrigation	A & B Irrigation District
Lenroot Canal Co	Milner Irrig Dist
Reid Canal Co	American Falls Reservoir Dist #2
Texas Slough Irrig Canal Co	North Side Canal Co Ltd
Liberty Park Irrigation Co	Twin Falls Canal Co
North Fork Reservoir Co	City Of Pocatello
Enterprise Irrigation Dist	Idaho Water Resource Board
Butte & Market Lake Canal Co	Palisades Water Users
Bear Island West	Idaho Power Company
Osgood Canal Co	Fremont-Madison
Clement Brothers	Mitigation Inc
Kennedy	

**Table  
30A. Supplemental Pool Suppliers (June 27, 2011)**

Received	Supplier	Submitted (AF)	Adjusted	Supplied
7/07/2011	Snake River Valley Irrigation District	10,000.0	9,146.7	1,531.3
7/07/2011	New Sweden Irrigation District	5,000.0	5,000.0	837.1
7/08/2011	Rigby Canal & Irrigating Co. Inc.	2,000.0	630.0	105.5
7/08/2011	New Lavaside Ditch Co.	3,000.0	1,175.0	196.7
7/11/2011	Palisades Water Users, Inc.	5,300.0	5,300.0	887.3
7/11/2011	Burgess Canal & Irrigation Co. Inc.	8,000.0	5,134.6	859.6
7/11/2011	Idaho Irrigation District	9,000.0	9,000.0	1,506.7
7/12/2011	A&B Irrigation District	2,500.0	2,500.0	418.5
7/12/2011	Falls Irrigation	500.0	500.0	83.7
7/12/2011	Mitigation Inc.	9,940.0	9,940.0	1,664.1
7/12/2011	Harrison Canal	4,727.0	4,727.0	791.4
7/12/2011	Progressive Irrigation District	5,000.0	5,000.0	837.1
7/12/2011	United Canal	760.0	760.0	127.2
7/12/2011	Enterprise Canal	3,600.0	3,600.0	602.7
7/12/2011	Rudy Canal	4,000.0	2,183.6	365.6
7/12/2011	Minidoka Irrigation District	15,000.0	15,000.0	2,511.2
7/12/2011	Aberdeen-Springfield Canal Co.	10,000.0	10,000.0	1,674.2
		98,327.0	89,596.9	15,000.0
7/14/2011	Farmers Friend Irrig. Inc.	2,000.0	1,140.0	0.0
7/19/2011	Woodville Canal Co.		0.0	0.0
		100,327.0	90,736.9	15,000.0

**Table 31. 2011 Purchases from Water District 1 Rental Pool**

Water User	Diversion Location	Amount (acre-feet)
<b>Water Leases under 100 acre-feet and Long-Term Leases</b>		
Tejo, Roque Trejo	New Sweden Irrigation District	1.0
Todd Jenkins	New Sweden Irrigation District	9.0
Harrison Mitchell Grover	Lenroot Canal	5.0
Grover, Gerald	Lenroot Canal	8.0
Denny, Eve L	Snake River Pump	5.0
Breeding, Glen	Milner Irrigation District	500.0
Straub Dairy Farm, Inc.	Twin Falls Canal	43.0
Zaugg, Alonzo N.	Snake River Pump	5.0
Miller, Yvonne	Palisades Canal	2.0
Quapp, William & Catherine	New Sweden Irrigation District	5.0
Dean Snarr & Sons	Butte Market Lake Canal Co.	30.0
Avery, Herman	Farmers Friend Canal	2.0
Horsley, Richard	New Sweden Irrigation District	5.0
Paul Baumgartner	Burley Irrigation District	27.5
Skaar Brothers	Snake River Pump	100.0
Little Lemhi Boy Scout	Snake River Pump	40.0
Webb Basin Dairy	Snake River Pump	80.0
2011 Excess Use		597.6
<b>Total Water Leases under 100 acre-feet</b>		<b>1,465.1</b>
<b>Water Leases over 100 acre-feet</b>		
Idaho Power Company	Below Milner	25,000.0
Idaho Power Company	Below Milner	10,000.0
Fremont-Madison Irrigation	Merle Jeppesen Pump	250.0
<b>Total Water Leases over 100 acre-feet</b>		<b>35,250.0</b>
USBR	Below Milner	185,000.0
<b>Total Purchased from 2011 rental pool</b>		<b>221,715.1</b>

**Table 32. 2011 Private Leases**

Purchaser	Supplier	Diversion Location	Amount (acre-feet)
Southwest Irrigation	Falls Irrigation District	Milner Irrigation District	5,000.0
Southwest Irrigation	Falls Irrigation District	SWID Pumps	3,500.0
Southwest Irrigation	Falls Irrigation District	Burley Irrigation District	1,500.0
IGWA	Aberdeen-Springfield	North Side Canal Co.	5,000.0
IGWA	Aberdeen-Springfield	AFRD#2	5,000.0
Ardel Wickel	Minidoka Irrigation Dist	Minidoka Irrigation District	220.0
Water Mitigation Coalition	Minidoka Irrigation Dist	Aberdeen Springfield	1,500.0
Water Mitigation Coalition	Minidoka Irrigation Dist	AFRD#2	833.0
Water Mitigation Coalition	Minidoka Irrigation Dist	SWID Pumps	170.0
Water Mitigation Coalition	Minidoka Irrigation Dist	Aberdeen Springfield	7,497.0
Southwest Irrigation	Minidoka Irrigation Dist	Twin Falls Canal Company	3,000.0
Southwest Irrigation	Minidoka Irrigation Dist	Burley Irrigation District	2,000.0
Southwest Irrigation	City of Pocatello	Milner Irrigation District	5,000.0
Southwest Irrigation	City of Pocatello	Twin Falls Canal Company	2,000.0
Southwest Irrigation	City of Pocatello	SWID Pumps	3,000.0
IGWA	Enterprise Canal Co.	(Unassigned by 12/1/2011)	3,000.0
IGWA	Idaho Irrigation District	(Unassigned by 12/1/2011)	1,000.0
IGWA	Snake River Valley	North Side Canal Co.	5,000.0
IGWA	Peoples Canal Company	(Unassigned by 12/1/2011)	3,000.0
IGWA	Palisades Water Users	(Unassigned by 12/1/2011)	500.0
New Sweden Irrig. Dist	New Sweden Irrig. Dist.	New Sweden Irrig. Dist. (Recharge)	5,000.0
People's Canal Co.	Peoples Canal Company	People's Canal Company (Recharge)	3,600.0
Idaho Irrigation Dist.	Idaho Irrigation District	Idaho Irrigation District (Recharge)	1,250.0
United Canal Company	United Canal Company	United Canal Company (Recharge)	1,122.0
Snake River Valley Irr. Dist	Snake River Valley	Snake River Valley Irr. Dist. (Recharge)	2,537.0
Riverside Canal Co.	Riverside Canal Co.	Riverside Canal Co. (Recharge)	692.0
Fremont-Madison	Fremont-Madison	Fremont-Madison (Recharge)	15,001.0
Progressive Irrigation	Progressive Irrigation	Progressive Irrigation (Recharge)	5,000.0
Enterprise Canal Co.	Enterprise Canal Company	Enterprise Canal Company (Recharge)	2,000.0
Palisades Water Users	Palisades Water Users	Idaho Irrigation District (Recharge)	306.0
<b>Total Private Leases - above Milner</b>			<b>94,228.0</b>
USBR	USBR	Below Milner	22,500.0
<b>Total Private Leases</b>			<b>116,728.0</b>

**2011**

**WATER DISTRICT 1**

**RENTAL POOL PROCEDURES**

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**2011  
WATER DISTRICT 1  
RENTAL POOL PROCEDURES**

**RULE 1.0      LEGAL AUTHORITY**

- 1.1      These procedures have been adopted by the Water District 1 Committee of Nine pursuant to Idaho Code § 42-1765.
- 1.2      These procedures shall not be interpreted to limit the authority of the Idaho Department of Water Resources, the Idaho Water Resource Board, or the Watermaster of Water District 1 in discharging their duties as prescribed by statute or rule.
- 1.3      These procedures shall be interpreted consistent with Idaho Code, rules promulgated by the Idaho Water Resource Board, and relevant provisions of spaceholder contracts with the United States.
- 1.4      The operation of the rental pool shall in no way recognize any obligation to maintain flows below Milner or to assure minimum stream flows at the United States Geological Survey (USGS) gaging station on the Snake River near Murphy.

**RULE 2.0      DEFINITIONS**

- 2.1      **Accounting Year:** the Water District 1 accounting year that begins on November 1 and ends on October 31.
- 2.2      **Acre-foot:** a volume of water sufficient to cover one acre of land one foot deep and is equal to 43,560 cubic feet.
- 2.3      **Administrative Fee:** a fee of eighty cents (\$0.80) per acre-foot assessed on the total quantity of storage set forth in any rental or lease application, disbursed to the District at the end of the irrigation season.
- 2.4      **Allocation:** the amount of stored water, including carryover, that has accrued to a spaceholder's storage space on the date of allocation that is available for the spaceholder's use in the same accounting year.
- 2.5      **Applicant:** a person who files with the Watermaster an application, accompanied by the required fees, to rent or lease storage through the rental pool.
- 2.6      **Assignment:** storage provided by an assignor from the current year's storage allocation for rental through the common pool pursuant to Rule 5.3.
- 2.7      **Assignor:** a participant who assigns storage to the common pool pursuant to Rule 5.3 and subject to Rule 7.5.
- 2.8      **Board:** the Idaho Water Resource Board (IWRB).
- 2.9      **Board Surcharge:** a surcharge equal to ten percent (10%) of the rental price or lease price assessed on the total quantity of storage set forth in any rental or lease application, disbursed to the Board at the end of the irrigation season.

- 2.10 **Bureau:** the United States Bureau of Reclamation (USBR).
- 2.11 **Committee:** the Committee of Nine, which is the advisory committee selected by the members of Water District 1 at their annual meeting and appointed as the local committee by the Board pursuant to Idaho Code § 42-1765.
- 2.12 **Common Pool:** storage made available to the Committee through participant contributions and/or assignments for subsequent rental pursuant to Rule 5.
- 2.13 **Date of Allocation:** the date determined each year by the Watermaster on which the maximum accrual to reservoir spaceholders occurs.
- 2.14 **Date of Publication:** the date on which the Watermaster publishes on the District website the storage allocation for the current accounting year.
- 2.15 **Department:** the Idaho Department of Water Resources (IDWR).
- 2.16 **District:** Water District 1 of the state of Idaho.
- 2.17 **Impact Fund:** a fund maintained by the Watermaster for the mitigation of impacts to participants pursuant to Rule 7.3.
- 2.18 **Infrastructure Fee:** a fee of five dollars (\$5.00) per acre-foot assessed on all storage rented through the common pool for purposes below Milner, excluding flow augmentation, disbursed to the Infrastructure Fund at the end of the irrigation season.
- 2.19 **Infrastructure Fund:** a fund maintained by the Watermaster for the purposes outlined in Rule 4.5.
- 2.20 **Lease:** a written agreement entered into between a lessor and lessee to lease storage through the rental pool pursuant to Rule 6.
- 2.21 **Lease Price:** a price per acre-foot negotiated between a lessor and lessee as set forth in a lease agreement.
- 2.22 **Lessee:** a person who leases storage from a participant under a lease.
- 2.23 **Lessor:** a participant who leases storage to a person under a lease pursuant to Rule 6 and subject to Rule 7.6.
- 2.24 **Milner:** Milner Dam on the Snake River.
- 2.25 **Net Price:** the average price per acre-foot of all rentals from the common pool, including flow augmentation, but excluding rentals of assigned storage.
- 2.26 **Net Proceeds:** the net price times the number of acre-feet rented from the common pool, excluding rentals of assigned storage.
- 2.27 **Participant:** a spaceholder who contributes storage to the common pool pursuant to Rule 5.2.



- 2.28 **Participant Contributions:** storage made available to the common pool by participants, with impacts accounted from next year's reservoir fill, which forms the supply for large rentals, small rentals, and flow augmentation, subject to the limitations in Rule 5.2.
- 2.29 **Person:** an individual, corporation, partnership, irrigation district, canal company, political subdivision, or governmental agency.
- 2.30 **Rent:** the rental of storage from the common pool.
- 2.31 **Rental Pool:** the processes established by these procedures for the rental and/or lease of storage, mitigation of associated impacts to spaceholders, and disposition of revenues.
- 2.32 **Rental Pool Subcommittee:** a subcommittee composed of the Watermaster, a designated representative from the Bureau, and three or more members or alternates of the Committee who have been appointed by the chairman of the Committee.
- 2.33 **Rental Price:** the price per acre-foot of storage rented from the common pool, as set forth in Rule 5.5, excluding the administrative fee, the Board surcharge, and the infrastructure fee.
- 2.34 **Renter:** a person who rents storage from the common pool.
- 2.35 **Reservoir System:** refers to American Falls, Grassy Lake, Henrys Lake, Island Park, Jackson Lake, Lake Walcott, Milner Pool, Palisades, and Ririe.
- 2.36 **Space:** the active capacity of a reservoir measured in acre-feet.
- 2.37 **Spaceholder:** the holder of the contractual right to the water stored in the space of a storage facility.
- 2.38 **Storage:** the portion of the available space that contains stored water.
- 2.39 **Watermaster:** the watermaster of Water District 1.
- 2.40 **Water Supply Forecast:** the forecasted unregulated runoff for April 1 to September 30 at the Heise USGS gaging station, referred to in Table 1.

### **RULE 3.0 PURPOSES**

- 3.1 The primary purpose of the rental pool is to provide irrigation water to spaceholders within the District and to maintain a rental pool with sufficient incentives such that spaceholders supply, on a voluntary basis, an adequate quantity of storage for rental or lease pursuant to procedures established by the Committee. These procedures are intended to assure that participants have priority over non-participants and non-spaceholders in renting storage through the rental pool.
- 3.2 To maintain adequate controls, priorities, and safeguards to insure that existing water rights are not injured and that a spaceholder's allocation is not impacted without his or her consent. To compensate an impacted spaceholder to the extent the impact can be determined by the procedures developed by the District.

- 3.3 To generate revenue to offset the costs of the District to operate the rental pool and to fund projects that fall within the parameters of Rule 4.5.

#### **RULE 4.0 MANAGEMENT**

- 4.1 **Manager.** The Watermaster shall serve as the manager of the rental pool and shall take all reasonable actions necessary to administer the rental pool consistent with these procedures, which include, but are not limited to:
- (a) Determining impacts pursuant to Rule 7;
  - (b) Calculating payments to participating spaceholders as prescribed by Rules 5.2 and 7.3;
  - (c) Accepting storage into the common pool and executing rental agreements on behalf of the Committee;
  - (d) Disbursing and investing rental pool monies with the advice and consent of the Rental Pool Subcommittee; and
  - (e) Taking such additional actions as may be directed by the Committee.
- 4.2 **Rental Pool Subcommittee.** The Rental Pool Subcommittee shall exercise the following general responsibilities:
- (a) Review these procedures and, as appropriate, make recommendations to the Committee for needed changes;
  - (b) Review reports from the Watermaster regarding rental applications, storage assignments to the common pool, and leases of storage through private leases;
  - (c) Advise the Committee regarding rental pool activities;
  - (d) Develop recommendations for annual common pool storage supplies and rental rates;
  - (e) Assist the Watermaster in resolving disputes that may arise from the diversion of excess storage; and
  - (f) Assume such additional responsibilities as may be assigned by the Committee.
- 4.3 **Applications**
- 4.3.101 Applications to rent or lease storage through the rental pool shall be made upon forms approved by the Watermaster and shall include:
- (a) The amount of storage sought to be rented or leased;
  - (b) The purpose(s) for which the storage will be put to beneficial use;
  - (c) The lease price (for private leases); and
  - (d) To the extent practicable at the time of filing the application, the point of diversion identified by legal description and common name; and a description of the place of use.
- 4.3.102 *Application Acceptance.* Applications are not deemed accepted until received by the Watermaster together with the appropriate fees required under Rules 5.5 (rentals) or 6.4 (leases).
- 4.3.103 *Application Approval.* An application accepted under Rule 4.3.102 shall be approved after the Watermaster has determined that the application is in compliance with these procedures and sufficient storage will be available from the common pool and/or lessor to provide the quantity requested in the application. Upon approval of the application, the Watermaster shall send notice to the renter/lessor/lessee and entity owning the point-of-diversion designated in the application of such approval and allocation of storage;

provided, however, no allocation of storage shall be made until the applicant designates the point of diversion and place of use of the rented and/or leased storage in the application or pursuant to Rule 4.3.106.

- 4.3.104 *Timeframe for having Rental Application Accepted to Preserve Rental Priority.* Applications to rent storage will not be accepted until April 5 of the year in which the storage will be used. Applications must be accepted by the Watermaster within 15 days following the date of publication to preserve the applicant's priority under Rule 5.4.101.
  - 4.3.105 *Deadline for Accepting Applications to Rent or Lease Storage.* All applications to rent or lease storage must be accepted by the Watermaster pursuant to Rule 4.3.102 not later than December 1 in order for the storage identified in such applications to be accounted for as having been diverted prior to October 31 of the same year. Applications accepted after December 1 will be accounted for from storage supplies in the following calendar year, unless an exception is granted by the Rental Pool Subcommittee.
  - 4.3.106 *Deadline to Designate Point of Diversion and Place of Use.* If the point of diversion and/or place of use of the rented and/or leased storage was not previously designated in the application, the renter and/or lessee must make such designation in writing to the Watermaster not later than December 1 of the same year, unless an extension is granted by the Rental Pool Subcommittee. Failure to comply with this provision shall cause any unused storage to automatically revert back to the common pool and/or lessor, respectively.
- 4.4 **Rental Pool Account**
- 4.4.101 All monies submitted by applicants shall be deposited in an interest-bearing account known as the "Rental Pool Account" and maintained by the Watermaster on behalf of the Committee. Monies in the Rental Pool Account will be disbursed to participants, the District, the Board, the Impact Fund, and the Infrastructure Fund in the proportions set forth in these Rules. Accrued interest to the Rental Pool Account shall be used to maintain the Impact Fund. Rental Pool Funds shall be considered public funds for investment purposes and subject to the Public Depository Law, Chapter 1, Title 57, Idaho Code.
  - 4.4.102 Monies deposited in the Rental Pool Account are non-refundable to the extent the rental and/or lease application is approved pursuant to Rule 4.3.103, regardless of whether the storage is used.
- 4.5 **Infrastructure Fund**
- 4.5.101 Monies in the Infrastructure Fund may only be used to fund District costs of projects relating to improvements to the District's distribution, monitoring, and gaging facilities, and other District projects designed to assist in the adjudication, conservation, or efficient distribution of water.
  - 4.5.102 Disbursements from the Infrastructure Fund are subject to two-thirds (2/3) Committee approval.

4.5.103 If monies in the Infrastructure Fund accrue to one million dollars (\$1,000,000.00), the infrastructure fee shall be waived and the same amount (five dollars (\$5.00)) added to the rental price in Rule 5.5.105.

4.5.104 Monies in the Infrastructure Fund may be carried over from year to year.

## **RULE 5.0 COMMON POOL**

5.1 **Scope.** The common pool consists of storage made available to the Committee through participant contributions and assignments. Participants make storage available to the common pool pursuant to the terms of Rule 5.2, with impacts accounted from next year's reservoir fill. Assignors provide storage to the common pool, pursuant to Rule 5.3, by assigning a portion of their current year's storage allocation. Rentals from the common pool are subject to the priorities and prices established under this Rule.

### **5.2 Participant Contributions**

5.2.101 *Participants.* Any spaceholder may, upon submitting written notice to the Watermaster prior to February 1, elect to contribute storage to the common pool. Any spaceholder making such election shall be deemed a "participant" for the current year and every year thereafter until the spaceholder provides written notice to the Watermaster prior to February 1 rescinding its participation. Upon election to participate, a spaceholder is eligible for all the benefits of a participant set forth in these procedures, excluding monetary payment for rentals or impacts associated with rentals from the prior year. If after February 1, less than seventy-five percent (75%) of the contracted storage space is committed to the common pool by participants, the Committee shall revise the rental pool procedures as necessary prior to April 1.

5.2.102 *Non-Participants.* Spaceholders who are not participants shall not be entitled to supply storage to, or rent storage from, the common pool, or supply or lease storage through a private lease. Notwithstanding this restriction, the Bureau may rent water from the common pool for flow augmentation pursuant to Rule 5.2.105.

5.2.103 *Large Rentals.* The common pool will make available from participant contributions 50,000 acre-feet of storage for rentals, plus any assigned storage, subject to the priorities and limitations set forth in Rule 5.

5.2.104 *Small Rentals.* The common pool will make available from participant contributions 5,000 acre-feet for rentals of less than 100 acre-feet per point of diversion, subject to the priorities and limitations set forth in Rule 5. The Committee may approve on a case-by-case basis the additional rental of storage under this provision to exceed the 100 acre-feet limitation.

5.2.105 *Flow Augmentation*

(a) *Table 1.* The amount of storage, from participant contributions to the common pool, available for rental for flow augmentation shall be determined by Table 1.

(b) *Extraordinary Circumstances.* A greater amount of storage may be made available by the Committee, if it determines on or before July 1 that

extraordinary circumstances justify a change in the amount of storage made available for flow augmentation.

5.2.106 *Additional Quantities.* In the event rental requests from participants impacted from the prior year's rentals exceed 50,000 acre-feet and insufficient storage has been assigned to the common pool to meet such additional requests, the minimum amount of storage that will be available through the common pool will be the amount of storage necessary to meet the demand of those shown to have been impacted from the prior year's rentals. If additional storage is deemed necessary, any participant may elect not to participate in contributing such additional storage.

5.2.107 *Participant Payments.* Monies collected through the rental of the participant contribution portion of the common pool, including flow augmentation, shall be disbursed as follows:

- (a) seventy percent (70%) of the Net Proceeds disbursed to participants; and
- (b) thirty percent (30%) of the Net Proceeds disbursed to the Impact Fund.

5.2.108 *Participant Payment Formula.* Participants will receive payment for storage rented from the participant contribution portion of the common pool pursuant to the following payment formulas:

$$\begin{aligned} 1^{\text{st}} \text{ Installment} &= (R \times SP/TSP) / 2 \\ 2^{\text{nd}} \text{ Installment} &= (R \times ST/TST) / 2 \end{aligned}$$

R = 70% of net proceeds  
SP = Space of participants  
ST = Storage of participants based on the preliminary storage allocation for the following year  
TSP = Total participating space in system  
TST = Total participating storage in system based on the preliminary storage allocation for the following year

If a specific reservoir's allocation has been reduced as a result of flood-control operations, the ST and TST values in the above formula for those reservoir spaceholders will reflect the values that otherwise would have occurred without any reductions for flood-control.

5.2.109 *Timing of Payments.* Payments to participants will be made in two installments. The first installment will be paid to participants immediately following the irrigation season in which the proceeds were collected. The second installment will be paid to participants within two weeks of the date of publication for the following irrigation season.

### 5.3 **Assignments**

5.3.101 *Assignors.* Any participant may assign storage to the common pool. An assignment of storage shall be made in writing on forms approved by the Watermaster.

5.3.102 *Purposes.* Storage assigned to the common pool may be rented only for purposes above Milner.

- 5.3.103 *Limitations.* Storage assigned to the common pool may be rented only after the participant contributions to the common pool have been rented. A participant may not assign storage and rent storage in the same accounting year unless an exception is granted by the Rental Pool Subcommittee.
- 5.3.104 *Assignor Payment.* The assignor shall receive one-hundred percent (100%) of the rental price per acre-foot of the assigned storage that is rented.
- 5.3.105 *Distribution of Assigned Storage.* Assignments can only be made between April 5 and 15 days after the date of publication in the year in which the storage is to be rented. Assignments shall initially be distributed on a pro-rata basis, with each pro-rata share based on the amount of storage assigned or 10% of the assignor's storage space, whichever is less. If, after this initial distribution, additional rental requests exist, the remaining assigned storage shall be distributed on a pro-rata basis.
- 5.4 **Priorities for Renting Storage**
- 5.4.101 *Priorities.* Storage rented from the common pool shall be pursuant to the following priorities:
- (a) *First Priority.* Rentals by participants whose storage is determined to have been impacted by the prior year's rental from the common pool not to exceed the amount of the impact. Rentals pursuant to existing long-term leases with the Committee, provided that such rentals be supplied first from any balance of the 5,000 acre-feet reserved for small rentals, then from any assigned water, and then from the 50,000 acre-feet reserved for large rentals.
  - (b) *Second Priority.* Rentals by participants for agricultural purposes up to the amount of their unfilled space.
  - (c) *Third Priority.* Rentals by participants for any purposes above Milner in excess of their unfilled space. Applications for such rentals will be reviewed by the Committee and may be approved on a case-by-case basis.
  - (d) *Fourth Priority.* Rentals by non-spaceholders for any purposes above Milner.
  - (e) *Fifth Priority.* Rentals for purposes below Milner, excluding flow augmentation; provided, however, such rentals are limited to 50,000 acre-feet per year or a lesser amount as set by the Committee. Rentals for purposes below Milner can only be filled with storage from the 50,000 acre-feet of participant contributions described in Rule 5.2. To the extent that storage is assigned to the common pool, assigned storage will be used to fill the rentals of the first, second, third, and fourth priorities, allowing that portion of the participant contributions to be used for rentals below Milner. Rentals for purposes below Milner will only be approved to the extent the renter provides written certification from the Bureau stating either 1) that the Bureau has sufficient flow augmentation supplies for the year, or 2) that the storage to be released past Milner will count towards the Bureau's flow augmentation total.
- 5.4.102 *Priority for Late Applications.* Applications received after the deadline set forth in Rule 4.3.104 will be deemed last in priority and will be filled in the order they are received, only after all timely applications have been filled.

- 5.4.103 *Distribution Within Priority Classes.* If rental supplies are not sufficient to satisfy all of the timely applications within a priority class (those received within 15 days of the date of publication), the available rental supplies will be distributed to the applicants within that priority class on a pro-rata basis.
- 5.4.104 *Priority for Small Rentals.* Small rentals made pursuant to Rule 5.2.104 are not subject to the priorities set forth in Rule 5.4.101 and will be approved in the same order in which the rental applications are received by the Watermaster, so long as the total amount of all such applications does not exceed 5,000 acre-feet.
- 5.4.105 *Priority for Flow Augmentation.* Rentals for flow augmentation are not subject to the priorities set forth in Rule 5.4.101 and shall be determined pursuant to Rule 5.2.105.
- 5.5 **Rental Prices**
- 5.5.101 *Tier 1:* If the storage system fills, the rental price for purposes above Milner shall be \$5.00 per acre-foot.
- 5.5.102 *Tier 2:* If the storage system does not fill but storage is provided for flow augmentation pursuant to Rule 5.2.105(a), the rental price for purposes above Milner shall be \$12.00 per acre-foot.
- 5.5.103 *Tier 3:* If the storage system does not fill and no flow augmentation water is provided pursuant to Rule 5.2.105(a), the rental price for purposes above Milner shall be \$18.00 per acre-foot.
- 5.5.104 *Determination of Tier1, 2 or 3 Rental Price:* Unless the storage system has filled, the Watermaster shall designate on or before April 5 either Tier 2 or Tier 3 as the rental price for above-Milner rentals. If at any time during the same accounting year, the storage system should subsequently fill, the Watermaster shall designate Tier 1 as the rental price for above-Milner rentals and refund any excess rental fees within 30 days after the date of publication.
- 5.5.105 *Tier 4:* The rental price for storage rented for flow augmentation shall be \$12.00 per acre-foot.
- 5.5.106 *Tier 5:* The rental price for storage rented for purposes below Milner, excluding flow augmentation, shall be up to \$35.00 per acre-foot.
- 5.5.107 *Fees & Surcharges.* There shall be added to the rental price for all rentals the administrative fee and Board surcharge. There shall also be added to the rental price for rentals below Milner, excluding flow augmentation, the infrastructure fee.
- 5.5.108 *Storage System Fill.* For purposes of Rule 5.5 only, the storage system is considered full when all storage rights are filled in Jackson Lake, Palisades, American Falls, and Island Park.

## **RULE 6.0 PRIVATE LEASES**

- 6.1 **General.** All leases must be transacted through the rental pool. Only participants may lease storage to a Lessee subject to the provisions of these rules.
- 6.2 **Purposes.** Storage may be leased through the rental pool only for beneficial use purposes above Milner. A lessor may not lease storage to a lessee and rent storage from the common pool in the same accounting year unless an exception is granted by the Rental Pool Subcommittee.
- 6.3 **Payment to Lessor.** The lessor shall receive one-hundred percent (100%) of the lease price.
- 6.4 **Fees & Surcharges.** There shall be added to the lease price the administrative fee and the Board surcharge.
- 6.5 **Non-Applicability to Common Pool.** Storage leased pursuant to this rule does not count against the participant contribution volumes set forth in Rule 5.2.
- 6.6 **Recharge.** All storage used for the purpose of recharge must be transacted through the rental pool. Unless storage is rented pursuant to Rule 5.0, storage used for recharge, whether diverted by the storage spaceholder or another person, will be treated as a lease of storage.

## **RULE 7.0 IMPACTS**

- 7.1 **Determination.** In any year in which the storage rights in the reservoir system do not fill, the Watermaster will determine the impacts to spaceholders, if any, associated with the prior year's rentals and leases. In making this determination, the Watermaster will use a procedure which identifies the following:
- (a) What each reservoir fill would have been had the previous year's rentals and leases not taken place;
  - (b) The storage space from which rented or leased storage was actually supplied for the previous year's rental or lease; and
  - (c) The amount of storage each spaceholder's current allocation was reduced by the previous year's rental or lease activities.
- 7.2 **Flood Control.** There are no impacts resulting from the previous year's rentals or leases for a specific reservoir when that reservoir's storage is released as a result of flood-control operations and water is spilled past Milner in the current year.
- 7.3 **Impacts to Participants due to Rentals from the Common Pool (excluding assignments)**
- 7.3.101 *Impact Payment Formula.* Participants whose storage allocation is impacted from the prior year's rental of storage from the common pool, excluding assignments, will receive payment from the Impact Fund according the following formula:

$$\text{Impact Payment} = (\text{Isp} * \text{RP}) \text{ or } \frac{1}{2} \text{ IF} * (\text{Isp} / \text{Ispt}) \text{ (whichever sum is less)}$$

Isp = Participant's impacted space in acre-feet

RP = Rental Price



IF = Impact Fund

Ispt = Total of all Participants' impacted space in acre-feet

- 7.3.102 *Timing of Payment.* Impact payments, which will be based on preliminary data, will be made to participants on or before July 15.
- 7.4 **Impacts to Non-Participants due to Rentals from the Common Pool (excluding Assignments).** If the rental of storage from the common pool, excluding assignments, caused impacts to non-participants, as determined by the Watermaster, the participants' storage allocation shall be limited to the storage available after such impacts have been mitigated.
- 7.5 **Impacts to Spaceholders due to Rental of Assigned Storage.** If the rental of assigned storage caused impacts, as determined by the Watermaster, the assignor's storage allocation shall be reduced by an amount equal to such impacts, not to exceed the quantity of storage assigned by the assignor, and reallocated to mitigate impacts to affected spaceholders. This reallocation will only occur in the year following the rental of assigned storage.
- 7.6 **Impacts to Spaceholders due to Private Leases.** If the lease of storage pursuant to a private lease caused impacts, as determined by the Watermaster, the lessor's storage allocation shall be reduced by an amount equal to such impacts, not to exceed the quantity of storage leased by the Lessor, and reallocated to mitigate impacts to affected spaceholders. This reallocation will only occur in the year following the lease of storage.

#### **RULE 8.0. SUPPLEMENTAL POOL**

- 8.1 **Purpose.** To provide a voluntary mechanism for the lease of storage water below Milner for hydropower generation within the state of Idaho when storage water supplies, as a result of hydrologic, climate and other conditions, are sufficient to satisfy above Milner uses and flow augmentation. A supplemental pool shall be created in order to mitigate for impacts associated with leases below Milner, consistent with the Idaho Water Resource Board's policy to establish an effective water marketing system consistent with state law and assuring the protection of existing water rights while accommodating the purchase, lease or conveyance of water for use at Idaho Power's hydroelectric facilities, including below Milner Dam.
- 8.2 **Annual Authorization Required.** No storage may be leased through the supplemental pool until the Committee on or after April 1 of each year authorizes use of the pool and the Bureau certifies that it has sufficient flow augmentation supplies for the year or that storage to be released past Milner will count toward flow augmentation.
- 8.3 **Quantity and Price Determinations.**
- 8.3.101 *Quantity Determination.* The maximum quantity of storage authorized to be leased through the supplemental pool shall be determined annually by the Committee taking into account the advice and recommendation of the Rental Pool Subcommittee, together with current and forecasted hydrological conditions and estimated demand on the rental pool for above Milner uses.
- 8.3.102 *Price Determination.* The Committee shall authorize the leasing of water, including price pursuant to Rule 8 after taking into account spaceholder needs

and current market conditions for power generation. There shall be added to the lease price the board surcharge and not to exceed a \$1.80 per acre-foot administrative fee associated with the development and implementation of the supplemental pool, assessed on the total quantity of storage set forth in any lease application approved or conditionally approved under Rule 8.4.

8.3.103 *Subsequent Quantity and Price Determinations.* If within the same accounting year, the Committee subsequently determines based on the criteria set forth in Rule 8.3.101 that additional opportunities exist for utilizing the use of water within Idaho through the supplemental pool consistent with Rule 8.1.it shall designate such additional maximum quantity authorized to be leased through the supplemental pool and identify a separate lease price for such additional quantity pursuant to Rule 8.3.102.

8.4 **Application to Lease Storage from the Supplemental Pool.**

8.4.101 Applications to lease storage from the supplemental pool for hydropower purposes shall be made upon forms approved by the Watermaster and shall include:

- (a) The amount of storage sought to be leased;
- (b) The lease price with associated fees as identified by the Committee under Rule 8.3.102;
- (c) The point of diversion identified by legal description and common name; and
- (d) A description of the place of use.

8.4.102 *Application Acceptance.* Applications are not deemed accepted until received by the Watermaster together with the appropriate fees required under Rule 8.3.102.

8.4.103 *Application Approval.* An application accepted under Rule 8.4.102 shall be approved after the Watermaster has determined that the application is in compliance with these procedures and sufficient storage will be available from the supplemental pool to provide the quantity requested in the application; provided, however, if the date of publication has not yet occurred, approval of the application shall be conditioned on the ability of spaceholders who have contracted to lease storage through the supplemental pool to have a sufficient storage allocation during the accounting year to satisfy their contracts approved under Rule 8.5.104. Upon approval or conditional approval of the application, the fees collected from the applicant shall be non-refundable to the extent of the total quantity of storage approved or conditionally approved in supplemental pool lease contract(s) under Rule 8.5.104. The Watermaster shall provide notice of such approval.

8.4.104 *Deadline for Accepting Applications.* All applications to lease storage from the supplemental pool must be accepted by the Watermaster pursuant to Rule 8.4.102 not later than October 31 in order for the storage identified in such applications to be accounted for as having been diverted as of October 31 of the same year. Applications accepted after October 31 will be accounted for from storage supplies in the following calendar year, unless an exception is granted by the Rental Pool Subcommittee.

8.5 **Supplemental Pool Supply.**

8.5.101 *Notice to Spaceholders of Opportunity to Lease Storage through the Supplemental Pool.* The Watermaster shall provide notice of the supplemental pool on the Water District 1 website, which shall include the following information:

- (a) The maximum quantity of storage authorized to be leased through the supplemental pool;
- (b) The lease process, including price and deadlines as authorized by the Committee;
- (c) Instructions for spaceholders interested in leasing storage through the supplemental pool, including instructions for executing a standardized supplemental pool lease contract; and
- (d) The deadline, as set by the Committee, for the Watermaster to receive supplemental pool lease contracts from spaceholders interested in leasing storage through the supplemental pool.

8.5.102 *Supplemental Pool Lease Contracts.* Spaceholders interested in leasing storage through the supplemental pool shall execute a standardized supplemental pool lease contract, which shall be provided by the Watermaster and include provisions for the following:

- (a) Limit eligibility to lease storage through the supplemental pool only to spaceholders who qualify as participants under Rule 2.27;
- (b) The quantity sought to be leased by the spaceholder may be any amount, except that the total amount of storage leased pursuant to Rule 8 may not exceed either the maximum quantity set by the Committee under Rule 8.3.101 or 10% of the spaceholder's total reservoir system space, unless an exception is approved by the Rental Pool Subcommittee;
- (c) The quantity actually leased by the spaceholder may be reduced depending upon the number of spaceholders who elect to lease storage through the supplemental pool as provided in Rule 8.5.103;
- (d) That, in the event the spaceholder elects to sign a standard pool lease contract before the date of publication, the spaceholder assumes the risk that its storage allocation may be less than the spaceholder anticipated; and
- (e) Notice to the spaceholder that if the spaceholder's lease through the supplemental pool causes impacts, the mitigation required under Rule 8.7 will result in an amount of the spaceholder's space, not to exceed the quantity of storage leased by the spaceholder, being assigned a junior priority which may not fill for multiple consecutive years, an accounting commonly referred to as "last to fill."

8.5.103 *Distribution of Storage to the Supplemental Pool.* If, following the deadline for receipt of executed supplemental pool lease contracts, the Watermaster determines that the total quantity of storage sought to be leased through the supplemental pool exceeds the quantity limitation established under Rule 8.3, then the Watermaster shall reduce the quantity of each supplemental pool lease contract to a pro rata share based on the amount of storage sought to be leased by each spaceholder. The Watermaster shall amend the supplemental pool lease contract(s) to reflect any reduced quantity required by this provision.

8.5.104 *Lease Contract Approval.* Following receipt of a supplemental pool lease contract, the Watermaster shall determine whether the contract is in compliance

with these procedures, and, if so, shall approve the same; provided, however, if the date of publication has not yet occurred, approval of the contract shall be conditioned on the spaceholder having a sufficient storage allocation during the accounting year to satisfy the contract.

- 8.6 **Notice of Contract Approval and Payment to Lessors.** The lessors shall receive one-hundred percent (100%) of the lease price apportioned according to the quantity of storage each lessor leased through the supplemental pool. The Watermaster shall notify spaceholder(s) who submitted supplemental pool lease contracts of the approved amount and distribute the funds to the lessors within 30 days following approval or conditional approval of an application under Rule 8.4.103.
- 8.7 **Mitigation of Impacts.** If a lease of storage through the supplemental pool caused impacts, as determined by the Watermaster, the lessor's storage allocation shall be reduced by an amount equal to such impacts, not to exceed the quantity of storage leased by the lessor, and reallocated to mitigate impacts to affected spaceholders until the lessor's affected space fills under a priority junior to that required to fill Palisades powerhead space.
- 8.8 **November 1 Carryover Unaffected.** For purposes of determining the amount of storage available for flow augmentation under Rule 5.2.105(a), storage leased through the supplemental pool shall not affect the November 1 carryover quantity on Table 1.

## MANAGED RECHARGE

The 2011 Irrigation Season was a record setting year for managed recharge. With an abundant spring and fall water supplies, many entities seized the opportunity to recharge on the heels of both ends of the irrigation season. A total of 156,773 acre-feet (including Big Wood Canal Company) of Idaho Water Resource Board (IWRB) recognized recharge was accomplished. An additional 1,200 acre-feet of private managed recharge was completed but was not recognized by the IWRB (see below for explanation). With this unrecognized managed recharge included, a total of 157,973 acre-feet of managed recharge was accomplished in 2011, surpassing 2009 (the second highest managed recharge year on record with 124,536 acre-feet recharged) for the highest managed recharge effort on record.

The IWRB supported recharge in 2011 through the use of the IWRB 1980-Priority natural flow recharge right and by paying canal entities to recharge their own reservoir storage water. The IWRB was not directly appropriated money for recharge in 2011, however, was instructed to use the remaining recharge budget in their account (approximately \$202,000). The Idaho Ground Water Association (IGWA) contributed an additional \$80,000 dollars for the effort. The board set the rate paid to each of the canal companies and irrigation districts at \$3.00 per acre-foot for carrying and recharging the water. There were six (6) entities that participated in the spring and three (3) entities that participated in the fall IWRB natural flow recharge effort. There were two (2) entities that participated in the fall IWRB storage flow recharge effort. The IWRB sponsored recharge effort totaled 118,044 acre-feet. The entities that participated were paid a total of \$282,124 by the IWRB which resulted in an effective conveyance fee of \$2.39 per acre-foot (note each canal's contract with the Board specified a \$3.00 per acre-foot conveyance fee, however, some canals either willingly donated water above the amount limited by contract or exceeded their contracted amount and were held to the contracted amount resulting in the lower per acre-foot cost).

With a plentiful water supply and a great need for recharge, 2011 also saw the initiation of an innovative new incentive system for those interested in recharge. A private recharge effort was developed to help meet some of the recharge demand that the IWRB natural flow right and funding could not handle.

In the fall of 2011, the Eastern Snake Plain Recharge Alliance (ESPRA) was formed which brought together the canal entities, the private sector, and ground water users to try and solve the issue of aquifer depletion through recharge. The business plan provided an incentive to recharge in the form of a recharge "credit". The idea would be to recharge storage water which would potentially be counted as a "credit" by the Idaho Department of Water Resources (IDWR). The "credits" could later be sold and used as part of mitigation plans or other water needs. The "credit" system was still in the development stage during the 2011 irrigation season, and was not yet approved by the IDWR. Therefore, no "credits" were officially earned by the ESPRA members, and all work was completed gratis by all parties with the expectation that the "credits" would later be approved and sold to pay for the costs incurred.

Each ESPRA entity provided different but valuable contributions to the process. Canal entities provided the man power, facilities, and water needed to recharge. The water the canal entities provided came in the form of a no cost lease to themselves of their own storage supplies rented through the rental pool, therefore changing the water's use from irrigation to recharge. The canals were required to pay an upfront \$0.80 Water District 01 administrative fee for the lease, however, for the 2011 irrigation season, the Committee of Nine approved a refund of the administrative fee to help encourage the recharge effort.

The private sector provided the water and modeling experts and capital to pay for and present the idea to IDWR for approval. The ground water users provided additional capital and would be the potential buyers, along with other outside entities, of the "credits" developed through the recharge. If the process was approved, a potentially significant process had been developed to help solve the issues of how to incentivize recharge and help solve depleting aquifer levels.

In 2011, seven (7) entities participated in the ESPRA Private Recharge effort. The ESPRA effort was recognized, but not paid for, by the IWRB and totaled 29,378 acre-feet.

The IWRB also recognized, but again did not pay for, recharge in which Aberdeen Springfield Canal Company facilities were used to recharge water for the Water Mitigation Coalition. This recharge totaled 9,351 acre-feet.

One (1) additional entity, Enterprize Canal Company, performed recharge gratis that was not part of either the ESPRA or IWRB effort. This recharge was not recognized by the IWRB due to the recharge being completed during the irrigation season with storage that had not had a final approval through the WD1 Rental Pool.

A summary of the managed recharge completed by each of these entities during the 2011 irrigation season is as follows:

TABLE 32. 2011 Managed Recharge Summary (acre-feet)

Canal or Irrigation District	Volume
<u>Spring 2011 IWRB Natural Flow Recharge</u>	
Aberdeen-Springfield Canal Company	15,213
American Falls Reservoir District #2	18,630
Fremont-Madison Irrigation District	18,286
Southwest Irrigation District	1,394
United Canal Company	<u>2,740</u>
<i>Total</i>	56,263
<u>Fall 2011 IWRB Natural Flow Recharge</u>	
American Falls Reservoir District #2	19,122
North Side Twin Falls Canal Company	34,942
Southwest Irrigation District	<u>501</u>
<i>Total</i>	54,565
<u>Fall 2011 IWRB Storage Recharge</u>	
Enterprize Canal Company	1,059
Progressive Irrigation District	<u>3,132</u>
<i>Total</i>	4,191
<u>Fall 2011 ESPRA Recharge (recognized but not paid for by IWRB)</u>	
Fremont-Madison Irrigation District	15,001
Idaho Irrigation District	1,556
New Sweden Irrigation District	4,971
Peoples Canal Company	3,475
Riverside Canal Company	690
Snake River Valley Irrigation District	2,537
United Canal Company	<u>1,148</u>
<i>Total</i>	29,378
<u>Fall 2011 Recharge (recognized but not paid for by IWRB)</u>	
Aberdeen-Springfield Canal Company	<u>9,351</u>
<i>Total</i>	9,351
<u>Fall 2011 Other Recharge (not recognized by IWRB)</u>	
Enterprize Canal Company	<u>1,200</u>
<i>Total</i>	1,200
<b>TOTAL</b>	<b>154,948</b>





## WATERMASTER REPORT 2011

The irrigation year is frequently reviewed by referencing key data including precipitation, runoff and other measures of water supply and comparing it to long term averages. The factors which define a year include events which were unusual or even unique for that specific water year. The 2011 year was one of the highest water years for supply, and the highest water year since 1997. The April 1 snowpack which is usually the best single indicator of the upcoming water year, was above average, but did not appear to foretell the water year which was to come. Snow continued to accumulate at higher elevations during the month of April and Snotel sites above Heise which correlate with the runoff at the Snake River near Heise reached their peak snow water equivalent on April 26<sup>th</sup>. This additional accumulation set the 2011 water year up for a late and large runoff. The cool, wet pattern during the April time period also strongly influenced the late and slow developing irrigation demand at the start of the irrigation season. Although not a record peak runoff year, 2011 became the highest late runoff on record. This was evidenced by the natural flow at Heise during July of 1,710,285 acre-feet which was 285% of average and shattered the previous runoff record set in 1982. The day of allocation occurred on July 29<sup>th</sup>. This was the latest date for the Day of Allocation for the past 33 years and may have been the latest Day of Allocation on record. All storage usage up until this time was cancelled with the reservoir system's physical contents, beginning July 29<sup>th</sup>, allowing for a 100% fill allocation to all spaceholders on this date. Flood control releases past Milner ceased on July 28<sup>th</sup> and storage delivery for flow augmentation rental below Milner began on July 29<sup>th</sup>. A year like 2011 does not come along very often, but considering the amount of record late runoff, the USBR did a good job of minimizing the flooding which would have happened without the benefit of the reservoir operation.

Basins which lack storage capability to capture the peak runoff were not quite as fortunate to come away unscathed from the peak flows that were seen this year. The Teton River and lower Henrys Fork both saw flooding as a result of the peak flows. Flows in the upper Teton River basin were similar to 1997 and as a result, flooding was seen for a long period of time. The Falls River near Chester and Henrys Fork at St. Anthony, for which both gages have records since 1920, set all-time peak streamflow runoff records. Even with some flooding, our situation was not as bad as other parts of the country. The Mississippi River was so high in areas that the Army Corps of Engineers was forced to purposely blow holes in the Mississippi's levees in certain locations to prevent a mass failure of the levee system. We were fortunate our situation was much less severe and completely different than theirs which drew nationwide attention.

The plentiful 2011 water year created an opportunity for the Committee of Nine to develop supplemental pool rules. Supplemental Pool rule 8.0 was added to the rental pool rules. For most years any water past Milner would be minimized according to the State Water Plan Policy of zero flow past Milner. On exceptionally big water years when water surplus to reservoir and irrigation needs is available, timing of rental water below

Milner can be accomplished without reducing the storage water supplies, the USBR flow augmentation or the refill of storage water during the following water year. Renting storage water below Milner could diminish the amount of water available for fall recharge or drive rental prices higher in future years. The IWRB qualified recharge from the Snake River System was 153,748 acre-feet. Adding an additional 1,200 acre-feet of private recharge totaled 154,948 acre-feet from Snake River above Milner. For this year, there was not enough recharge infrastructure to utilize all of the available water without a high likelihood of spilling the water within the next winter. Idaho Power was the purchaser of the storage water from the supplemental pool. The water suppliers were informed that they would be last to fill until the storage system refills.

Reservoir storage is a critical component to the water supply for Water District 1. Without reservoir storage, each year we would see the large natural flow peak in the spring pass through the system without being able to be beneficially used in the Upper Snake River system, leaving a void later in the season when natural flows diminish. During 2011 and other big water years the reservoirs also play a critical role in flood control and flood prevention.

Water right priorities were only cut to a priority of 2/6/1895 during the time the peak demand exceeded the water supply. This is another indicator of the available water supply for the year.

The Committee of Nine and the Tribal Rights Subcommittee was again active working on the Blackfoot River Equitable Adjustment. Progress was made and there is some hope of resolving this issue while keeping all water users in business. Several ideas and multiple proposals have been considered. This issue is not resolved at this time.

The IWRB has been working on the Comprehensive Aquifer Management Plan (CAMP). This would include implementation of Phase I of the plan.

Ongoing water “calls” are being litigated. The water calls include surface water users such as Blue Lake and Clear Springs vs. groundwater users or Idaho Groundwater Appropriators (IGWA), Surface Water Coalition vs. IGWA and A&B vs. IGWA which is a groundwater vs. groundwater call,

A study of potential storage water sites in the Henrys Fork basin was initiated by the Idaho Legislature. The Henrys Fork Watershed Council which is co-chaired by the Henrys Fork Foundation and Fremont-Madison Irrigation District along IWRB, and the USBR are leading the discussions.

A lot was accomplished during 2011 but several very big issues are still being worked on or are in process.