



# AGENDA

## IDAHO WATER RESOURCE BOARD

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### Board Meeting No. 10-18

November 28, 2018

8:30 a.m.

Idaho Water Center  
Conference Room  
322 East Front Street  
BOISE

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**C.L. "Butch" Otter**  
Governor

**Roger W. Chase**  
Chairman  
Pocatello  
District 4

**Jeff Raybould**  
Vice-Chairman  
St. Anthony  
At Large

**Vince Alberdi**  
Secretary  
Kimberly  
At Large

**Peter Van Der Meulen**  
Hailey  
At Large

**Albert Barker**  
Boise  
District 2

**John "Bert" Stevenson**  
Rupert  
District 3

**Dale Van Stone**  
Hope  
District 1

**Jo Ann Cole-Hansen**  
Lewiston  
At Large

1. Roll Call
2. Executive Session – Board will meet pursuant to Idaho Code §74-206(1) subsection (f), for the purpose of communicating with legal counsel regarding legal ramifications of and legal options for pending litigation, or controversies not yet being litigated but imminently likely to be litigated. Topic: North Idaho Adjudication, Water Rights. Executive Session is closed to the public.  
*Following adjournment of Executive Session – meeting reopens to the public.*
3. Public Comment
4. Agenda & Approval of Minutes\*
5. Financial Report
6. Water Transactions Program\*
7. MHAFB Water Sustainability Project Update\*
8. Flood Management Grant Update
9. Lewiston Deep Aquifer Study Final Report
10. Bear Lake\*
11. Director's Report
12. 2019 Draft Calendar
13. Non-Action Items for Discussion
14. Next Meeting & Adjourn

\* Action Item: A vote regarding this item may be made this meeting. Identifying an item as an action item on the agenda does not require a vote to be taken on the item.

Americans with Disabilities

The meeting will be held in facilities that meet the accessibility requirements of the Americans with Disabilities Act.

If you require special accommodations to attend, participate in, or understand the meeting, please make advance arrangements by contacting Department staff by email [nikki.regent@idwr.idaho.gov](mailto:nikki.regent@idwr.idaho.gov) or by phone at (208) 287-4800.

# Memorandum

To: Idaho Water Resource Board  
From: Brian Patton & Neeley Miller  
Date: November 16, 2018  
Re: Financial Status Report



As of **September 30** the IWRB's available and committed balances are as follows:

## Secondary Aquifer Fund:

Committed/earmarked but not disbursed	\$25,319,465
Loan principal outstanding	\$0
Uncommitted Balance	\$358,837

## Revolving Development Account:

Committed/earmarked but not disbursed	\$20,345,278
Loan principal outstanding	\$25,934,845
Uncommitted Balance	\$4,382,139
Anticipated loanable funds available next 1 year	\$7,882,139

## Water Management Account

Committed/earmarked but not disbursed	\$1,111,376
Uncommitted Balance	\$9,915

<b>Total committed/earmarked but not disbursed</b>	<b>\$46,776,119</b>
<b>Total loan principal outstanding</b>	<b>\$25,934,845</b>
<b>Total uncommitted balance</b>	<b>\$4,750,891</b>

- The committed/earmarked balance in the Water Management Account includes the \$1M legislative appropriation for the Flood Management Grant Program per HB 712. As grant disbursements are made the balance of this account will be adjusted to reflect those changes.
- The balances in the Revolving Development Account do not reflect the \$4.3 million loan to North Freemont Canal Company (Marysville)

- Loan applications that we are tracking include:

<b>Potential Applicant</b>	<b>Project</b>	<b>Loan Amount</b>	<b>Comment</b>
Twin Falls Canal Company	Check Structures	\$2M	Planning to use BOR WaterSmart for matching dollars

Idaho Water Resource Board  
Budget and Committed Funds  
as of September 30, 2018

**SECONDARY AQUIFER PLANNING, MANAGEMENT, & IMPLEMENTATION FUND**

FYE 2018 Cash Balance..... 25,684,783.11

**FY 2019 Revenue**

Interest Earned State Treasury.....	135,079.62
HB547 - State Recharge & Aquifer Stabilization (SRAS).....	
SB1176, Section 4 - Water Sustainability.....	5,000,000.00
Department of Energy Grant.....	87,100.00
<b>TOTAL FY 2019 REVENUE.....</b>	<b>5,222,179.62</b>

**FY 2019 Expenditures**

SRAS Equipment & Supplies - FY 18.....	(13,530.06)
SRAS Equipment & Supplies - FY 19.....	(7,161.71)
SRAS Conveyance Costs - FY 18.....	(4,128,668.94)
SRAS Site Monitoring - FY 18.....	(41,175.97)
SRAS Regional Monitoring - FY 18.....	(82,007.31)
SRAS Regional Monitoring - FY 19.....	(12,165.94)
Water, Civil, & Environmental Inc (CON01269).....	(48,379.04)
Quadrant Consulting Inc (CON01261).....	(26,034.00)
New Sweden Irrigation District (CON01212).....	(7,820.00)
Big Wood Canal Company (CON01226).....	(21.75)
North Side Canal Company (CON01199).....	(270,161.76)
Quadrant Consulting Inc (CON01296).....	(7,257.27)
The Ferguson Group.....	
Steve Stuebner - Media Services.....	(5,163.78)
Wnke, Inc.....	(6,761.60)
Lost Valley Reservoir Company (CON01282).....	(15,301.00)
WS Hydrology Monitoring - FY 18.....	(36,900.21)
WS Hydrology Monitoring - FY 19.....	(9,659.64)
Franklin & Marshall College (CON01266).....	(1,940.00)
University of Arizona.....	(570.00)
Misc Costs for Lewiston Study (FedEx, etc.).....	(47.36)
Wood River Model Misc Expenditures (room rentals, refreshments, etc.).....	(50.00)
USGS - 6605 (Treasure Valley Modeling) FY18.....	(61,840.31)
University of Idaho (CON01210, TV Model).....	(9,246.95)
Treasure Valley Model Misc Expenditures.....	(667.45)
Department of Energy Grant expenditures.....	(84,955.45)
Brown & Caldwell (CON01201, MHAFB Project).....	(293,026.17)
Birds of Prey - Right of Way Resolution.....	(58,129.00)
Misc Costs for MHAFB Project.....	(6.87)
<b>TOTAL FY 2019 EXPENDITURES.....</b>	<b>(5,228,659.54)</b>

FY 2019 Cash Balance..... 25,678,303.19

**COMMITTED FUNDS THRU FY 2018**

	Budget	Amended	Obligated	Expenditures	Carry forward	Committed
Cooperative Weather Modification Program (Cloud Seeding - CON01109).....	492,000.00		492,000.00	(354,917.84)		137,082.36
Department of Energy SEP grant.....	200,000.00		251,000.00	(241,287.35)		9,712.66
Mountain Home Air Force Base (PCA 29800).....	1,000,000.00	900,000.00	1,900,000.00	(859,433.21)		1,040,566.79
Remaining Initial Funds.....	1,692,000.00	900,000.00	2,643,000.00	(1,455,638.20)	0.00	1,187,361.80

**ESPA Recharge Operations**

FY 2018 Equipment & Supplies.....	100,000.00		100,000.00	(100,000.00)		0.00
FY 2018 Conveyance Cost.....	2,500,000.00	2,200,000.00	4,700,000.00	(4,426,396.90)		274,603.10
FY 2018 Site Monitoring.....	150,000.00		150,000.00	(116,257.15)		33,742.85
FY 2018 Regional Monitoring.....	200,000.00		200,000.00	(200,000.00)		0.00
<b>Total ESPA Recharge Operations.....</b>	<b>2,950,000.00</b>	<b>2,200,000.00</b>	<b>5,150,000.00</b>	<b>(4,841,654.05)</b>	<b>0.00</b>	<b>308,345.95</b>

**ESPA Managed Recharge Infrastructure**

Milner-Gooding Dietrich Drop hydro plant bypass.....	50,000.00	1,450,000.00	1,500,000.00			1,500,000.00
NSCC Wilson Lake Infrastructure Project (CON01199).....	4,000,000.00	800,000.00	4,800,000.00	(207,283.04)		4,592,716.96
Northside Canal Recharge Site (CON01240, CON01261).....	328,636.45		328,636.45	(343,120.70)		(14,484.25)
Richfield Site Development (CON01226, 1234).....	150,000.00		150,000.00	(128,087.93)		21,932.07
AFRD2 MP 28 Hydro Plan Tailbay (CON01247).....	81,800.00		81,800.00	(11,800.00)		70,000.00
NSID Recharge Site Development.....	250,000.00		250,000.00			250,000.00
Egin Lakes Phase II.....	500,000.00	80,000.00	580,000.00	(95,275.75)		484,724.25
<b>Total ESPA Managed Recharge Infrastructure.....</b>	<b>6,360,436.45</b>	<b>2,330,000.00</b>	<b>7,690,436.45</b>	<b>(785,547.42)</b>	<b>0.00</b>	<b>6,904,889.03</b>

400,000.00 Contract 5600,000.00

	Budget (as approved - May 2019)	Amendments	Budget (as amended)	Obligated	Expenditures	Carry forward	Committed	Notes
<b>Managed Recharge Investigations</b>								
South Fork Engineering & Site Evaluation (CON01163, 1164, 1165)	200,000.00	(34,000.00)	166,000.00	(114,758.97)		51,241.03		
NSID Recharge Feasibility (CON01212)	200,000.00		200,000.00	(62,865.00)		147,145.00		
Bute & Market Lake Canal (CON01168)	39,000.00		39,000.00	(32,512.46)		6,487.54		
Woodville Canal Co (CON01169)	17,000.00		17,000.00	(7,538.88)		9,463.31		
AFRD2 - MP 34 Investigation (CON01238)	45,000.00		45,000.00	(11,750.04)		33,249.96		
Reserved for additional investigations and engineering (CON01269)	104,471.25		104,471.25	(123,313.50)		(18,842.25)		
<b>Total Managed Recharge Investigations</b>	<b>605,471.25</b>	<b>(34,000.00)</b>	<b>571,471.25</b>	<b>(342,726.86)</b>	<b>0.00</b>	<b>228,744.59</b>		
<b>STATEWIDE STUDIES &amp; PROJECTS</b>								
<b>TREASURE VALLEY</b>								
Treasure Valley Modeling (USGS 6605)	500,000.00		500,000.00	(194,275.98)		305,724.01		
Boise River Storage Studies	1,000,000.00		1,000,000.00	(500,000.00)		500,000.00		
<b>TREASURE VALLEY TOTAL</b>	<b>1,500,000.00</b>	<b>0.00</b>	<b>1,500,000.00</b>	<b>(694,275.98)</b>	<b>0.00</b>	<b>805,724.01</b>		
<b>WOOD RIVER VALLEY</b>								
Wood River Valley Aquifer/GW Model (USGS 6601)	200,000.00		200,000.00	(31,764.80)		168,235.10		
Canyon Creek Recharge Site	50,000.00	80,000.00	140,000.00			140,000.00		
<b>WOOD RIVER VALLEY TOTAL</b>	<b>250,000.00</b>	<b>80,000.00</b>	<b>340,000.00</b>	<b>(31,764.80)</b>	<b>0.00</b>	<b>308,235.10</b>		
<b>WEISER BASIN</b>								
Weiser River Basin Project/Lost Valley Reservoir	30,000.00		30,000.00	(15,301.00)		14,699.00		
<b>WEISER BASIN TOTAL</b>	<b>30,000.00</b>	<b>0.00</b>	<b>30,000.00</b>	<b>(15,301.00)</b>	<b>0.00</b>	<b>14,699.00</b>		
<b>NORTHERN IDAHO AQUIFERS</b>								
Lewiston Study Phase II	109,273.09		109,273.09	(45,545.88)		63,727.41		
<b>NORTHERN IDAHO AQUIFERS TOTAL</b>	<b>109,273.09</b>	<b>0.00</b>	<b>109,273.09</b>	<b>(45,545.88)</b>	<b>0.00</b>	<b>63,727.41</b>		
<b>OTHER STATEWIDE STUDIES &amp; PROJECTS</b>								
Aquifer monitoring network enhancements in priority aquifers	100,000.00		100,000.00	(100,000.00)		0.00		
Cooperative Cloud Seeding Program								
Operations & Maintenance (1/3 of total)	600,000.00	18,000.00	618,000.00	(580,000.00)		38,000.00		
Administrative expenses (public information, staff training, etc)	80,000.00		80,000.00	(38,108.35)		41,893.65		
Professional Assistance for securing Federal Funding	100,000.00		100,000.00	(96,399.29)		3,600.71		
NRCS Snow Survey contribution USDA (CON01177)	100,000.00	100,000.00	200,000.00	(100,000.00)		100,000.00		
<b>Total Statewide Studies &amp; Projects</b>	<b>980,000.00</b>	<b>118,000.00</b>	<b>1,098,000.00</b>	<b>(914,505.64)</b>	<b>0.00</b>	<b>183,494.36</b>		
<b>TOTAL COMMITTED FUNDS THRU FY 2018</b>	<b>13,477,180.79</b>	<b>5,604,000.00</b>	<b>19,132,180.79</b>	<b>(9,126,959.54)</b>	<b>0.00</b>	<b>10,005,221.25</b>		

**FY 2019 BUDGET**

	Budget (as approved - May 2019)	Amendments	Budget (as amended)	Obligated	Expenditures	Carry forward	Committed	Notes
<b>ESPA Managed Recharge Operations</b>								
Equipment & Supplies	89,000.00		89,000.00		(7,161.71)		(7,161.71)	
Conveyance Cost	3,500,000.00		3,500,000.00				0.00	
Recharge Monitoring	554,550.00		554,550.00				0.00	
Regional Monitoring	200,000.00		200,000.00		(12,165.94)		(12,165.94)	
<b>Total ESPA Managed Recharge Operations</b>	<b>4,343,550.00</b>	<b>0.00</b>	<b>4,343,550.00</b>	<b>0.00</b>	<b>(19,327.65)</b>	<b>0.00</b>	<b>(19,327.65)</b>	
<b>ESPA Managed Recharge Infrastructure</b>								
North Side CC - Wilson Canyon Site	1,750,000.00	150,000.00	1,900,000.00				0.00	
AFRD2 MP29 Site CON01296	2,150,000.00		2,150,000.00				(7,257.27)	CON01296
AFRD2 MP28 Hydro Plant Tailbay	1,000,000.00	400,000.00	1,400,000.00		(7,257.27)		0.00	
South Fork & other small Upper Valley sites	1,000,000.00		1,000,000.00				0.00	
A&B Irrigation - Injection Wells	550,000.00		550,000.00				0.00	
Reserved for Additional Recharge Projects	500,000.00	(400,000.00)	100,000.00				0.00	
<b>Total ESPA Managed Recharge Infrastructure</b>	<b>6,950,000.00</b>	<b>150,000.00</b>	<b>7,100,000.00</b>	<b>0.00</b>	<b>(7,257.27)</b>	<b>0.00</b>	<b>(7,257.27)</b>	CON01297, CON01298, CON01299
<b>Managed Recharge Investigations</b>								
North Side CC - Recharge Sites	200,000.00		200,000.00				0.00	
Large Upper Valley Sites	200,000.00		200,000.00				0.00	
Big/Little Wood Sites	200,000.00		200,000.00				0.00	
Reserved for additional investigations and engineering	300,000.00		300,000.00				0.00	
<b>Total Managed Recharge Investigations</b>	<b>900,000.00</b>	<b>0.00</b>	<b>900,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	

<b>ESPA Hydrologic Monitoring (DOE - Year 1 of 3 = \$928,000)</b>							
	310,000.00		310,000.00				0.00
<b>ESPA Hydrologic Monitoring (DOE - Year 1 of 3 = \$928,000)</b>	<b>310,000.00</b>	<b>0.00</b>	<b>310,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>TREASURE VALLEY</b>							
Treasure Valley Modeling Year 3 of 5 (USGS 6605)	500,000.00		500,000.00				0.00
Boise River Storage Studies (final payment)	1,000,000.00		1,000,000.00				0.00
Southeast Boise Groundwater Management Area Monitoring	100,000.00		100,000.00				0.00
Treasure Valley DCM Water Conservation Study	200,000.00		200,000.00				0.00
<b>TREASURE VALLEY TOTAL</b>	<b>1,800,000.00</b>	<b>0.00</b>	<b>1,800,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>CAMAS PRAIRIE</b>							
Ground & Surface Water Monitoring	75,000.00		75,000.00				0.00
<b>CAMAS PRAIRIE TOTAL</b>	<b>75,000.00</b>	<b>0.00</b>	<b>75,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>BIG LOST</b>							
Hydrologic Monitoring (DOE - Year 1 of 3 = \$1.14M)	380,000.00		380,000.00				0.00
<b>BIG LOST TOTAL</b>	<b>380,000.00</b>	<b>0.00</b>	<b>380,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>PALOUSE BASIN</b>							
Water Sustainability Projects	100,000.00		100,000.00				0.00
<b>PALOUSE BASIN TOTAL</b>	<b>100,000.00</b>	<b>0.00</b>	<b>100,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>BEAR RIVER BASIN</b>							
Water Sustainability Projects	250,000.00		250,000.00				0.00
<b>BEAR RIVER BASIN TOTAL</b>	<b>250,000.00</b>	<b>0.00</b>	<b>250,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>STATE-WIDE</b>							
Aquifer monitoring network enhancements in priority aquifers	200,000.00		200,000.00	200,000.00	(9,669.64)		190,330.36
Cooperative Cloud Seeding Program							
Operations & Maintenance (1/3 of total)	800,000.00		800,000.00				0.00
Cloud Seeding Modeling Project	470,000.00		470,000.00				0.00
Operations Costs for add'l generators & Upper Snake aircraft	425,000.00		425,000.00				0.00
Administrative expenses (public information, staff training, etc)	80,000.00		80,000.00	80,000.00	(6,761.60)		73,238.40
Professional Assistance for securing Federal Funding	100,000.00		100,000.00				0.00
<b>STATE-WIDE TOTAL</b>	<b>2,075,000.00</b>	<b>0.00</b>	<b>2,075,000.00</b>	<b>280,000.00</b>	<b>(16,431.24)</b>	<b>0.00</b>	<b>263,568.76</b>
Unspecified Projects in Other Areas or Carry-over	505,210.00	(150,000.00)	355,210.00				
<b>TOTAL FY 2019 BUDGETED FUNDS</b>	<b>17,688,760.00</b>	<b>0.00</b>	<b>17,688,760.00</b>	<b>280,000.00</b>	<b>(43,016.16)</b>	<b>0.00</b>	<b>236,983.84</b>

IDAHO WATER RESOURCE BOARD  
Sources and Applications of Funds  
as of September 30, 2018  
**REVOLVING DEVELOPMENT ACCOUNT**

Original Appropriation (1969).....	\$500,000.00
Legislative Audits.....	(\$49,404.45)
IWRB Bond Program.....	(\$15,000.00)
Legislative Appropriation FY90-91.....	\$250,000.00
Legislative Appropriation FY91-92.....	\$280,700.00
Legislative Appropriation FY93-94.....	\$500,000.00
IWRB Studies and Projects.....	(\$249,067.18)
Loan Interest.....	\$10,835,521.87
Interest Earned State Treasury (Transferred).....	\$1,955,312.40
Filing Fee Balance.....	\$47,640.20
Bond Fees.....	\$1,459,601.45
Arbitrage Calculation Fees.....	(\$12,000.00)
Protest Fees.....	(\$995.00)
Series 2000 (Caldwell/New York) Pooled Bond Issuers fees.....	\$43,657.93
2012 Ground Water District Bond Issuer fees.....	\$373,300.00
Bond Issuer fees.....	\$21,107.58
Attorney fees for Jughandle LID.....	(\$3,600.00)
Attorney fees for A&B Irrigation.....	(\$4,637.50)
Water Supply Bank Receipts.....	\$6,101,728.39
Legislative Appropriation FY01.....	\$200,000.00
Pierce Well Easement.....	\$2,000.00
Transferred to/from Water Management Account.....	\$317,253.80
Legislative Appropriation 2004, HB843.....	\$500,000.00
Legislative Appropriation 2009, SB 1511 Sec 2, Teton/Minidoka Studies.....	\$1,800,000.00
Legislative Appropriation 2009, SB 1511 Sec 2, Teton/Minidoka Studies Expenditures.....	(\$1,229,460.18)
Weiser Galloway Study - US Army Corps of Engineers.....	(\$1,533,047.30)
Boise River Storage Feasibility Study.....	(\$333,000.00)
Gaotech Environmental (Transducers).....	(\$6,402.61)
Priest Lake Improvement Study (16-Mar-16).....	(\$289,252.25)
Treasureton Irrigation Ditch Co.....	(\$5,000.00)
Transfer from Aqualife Hatchery Sub-Account.....	\$1,117,800.85
Transfer from Pristine Springs Sub-Account.....	\$554,882.10
<b>Mountain Home AFB Water Sustainability Project</b>	
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$4,000,000.00
JR Simplot - WR Purchase.....	(\$2,500,000.00)
LeMoyné Appraisal LLC.....	(\$10,500.00)
IWRB WSB Lease Application.....	(\$750.00)
Integrated Delivery Solutions - Mark Alpert.....	(\$34,459.18)
Brown & Caldwell - Owner's Advisor.....	(\$1,218,298.11)
SPF Engineering - WR Transfer.....	(\$118,715.75)
Skinner-Fawcett - Bond Counsel.....	(\$31,802.41)
Pillsbury, Winthrop, & Shaw - DBO Counsel.....	(\$79,839.30)
Project Costs (mailings, travel, teleconference calls).....	(\$1,789.91)
Publishing Costs.....	(\$1,648.16)
Water District 02 Assessments.....	(\$2,417.18)
<b>Balance for Mountain Home AFB Water Sustainability Project.....</b>	<b>\$0.00</b>
<b>Galloway Dam &amp; Reservoir Project</b>	
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$2,000,000.00
Galloway Dam & Reservoir Project Costs (HB 479).....	(\$124,708.68)
<b>Balance Galloway Dam &amp; Reservoir Project.....</b>	<b>\$1,875,291.32</b>
<b>Boise River (Arrowrock Enlargement) Feasibility Study (HB479)</b>	
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$1,500,000.00
Boise River (Arrowrock Enlargement) Feasibility Study Costs (HB479).....	(\$543,661.63)
<b>Balance Boise River (Arrowrock Enlargement) Feasibility Study (HB479).....</b>	<b>\$956,338.37</b>
<b>Island Park Enlargement (HB 479)</b>	
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$2,500,000.00
Island Park Enlargement Costs (HB 479).....	(\$182,927.65)
<b>Balance Island Park Enlargement (HB 479).....</b>	<b>\$2,317,072.35</b>
<b>Water Supply Bank Computer Infrastructure (HB 479)</b>	
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$500,000.00
Water Supply Bank Computer Infrastructure Costs (HB 479).....	(\$497,350.75)
<b>Balance Water Supply Bank Computer Infrastructure (HB 479).....</b>	<b>\$2,649.25</b>
<b>Cash Balance of Legislative Appropriation 2014, HB 479 Sec 1 and 2.....</b>	<b>\$5,151,351.29</b>
<b>Priest Lake Water Management Project</b>	
Legislative Appropriation (2018, HB 877 Sec 5).....	\$2,400,000.00
Legislative Approval (2018, HB 677 Sec 6).....	\$2,419,580.50
Contract Expenditures - Mott MacDonald (CON01290).....	(\$60,144.32)
<b>Balance for Priest Lake Water Management Project.....</b>	<b>\$4,759,436.18</b>
<b>Aqualife Hatchery Sub-Account</b>	
Aqualife Hatchery, HB544, 2014.....	(\$1,885,000.00)
Aqualife Lease receipt from Seapac.....	\$114,720.00
Tax Payments.....	(\$1,419.15)
Lemoyne Appraisal for Aqualife facility.....	(\$10,500.00)
Loan payments received.....	\$2,900,000.00
Transfer to Main Rev Dev Account.....	(\$1,117,800.85)
<b>Aqualife Hatchery Sub-Account Available to Main Rev Dev Account.....</b>	<b>\$0.00</b>
<b>Bell Rapids Water Rights Sub-Account</b>	
Total Bell Rapids Water Rights Sub-Account Revenue.....	\$51,443,285.55

Total Bell Rapids Water Rights Sub-Account Expenditures.....	(\$51,318,859.29)	
<b>Cash Balance Bell Rapids Water Rights Sub-Account.....</b>		<b>\$124,426.26</b>
Committed Funds		
Ongoing Bell Rapids Costs (trustee fees, WD02).....	\$124,426.26	
<b>TOTAL COMMITTED FUNDS.....</b>	<b>\$124,426.26</b>	
<b>Bell Rapids Water Rights Sub-Account Balance after Commitments.....</b>		<b>(\$0.00)</b>
<b>Pristine Springs Project Sub-Account</b>		
Loan Interest.....	\$2,119,124.67	
Payment from Magic Valley & North Snake GWD for Pristine Spring.....	\$4,912,500.23	
Other Pristine Springs Project Sub-Account Revenue.....	\$18,548,758.70	
Total Pristine Springs Project Sub-Account Expenditures.....	(\$16,760,529.16)	
Total Pristine Springs Project Sub-Account Transfers.....	(\$7,993,300.00)	
Funds to RP CAMP & TV CAMP Sub-Account.....	(\$271,672.34)	
Transfer to Main Rev Dev Account.....	(\$554,862.10)	
<b>Cash Balance Pristine Springs Sub-Account.....</b>		<b>\$0.00</b>
Pristine Springs Committed Funds		
Loan Interest to be transferred to Aquifer Planning Fund.....	\$0.00	
Loan Principal to be transferred to Aquifer Planning Fund.....	\$0.00	
<b>TOTAL COMMITTED FUNDS.....</b>	<b>\$0.00</b>	
<b>Loans Outstanding for Purchase of PS Water Rights</b>		
Loan to North Snake & Magic Valley GWD.....	\$10,000,000.00	
Payments from North Snake & Magic Valley GWD.....	(\$4,912,500.23)	
Total Loans Outstanding.....	\$5,087,499.77	
<b>Rathdrum Prairie CAMP &amp; Treasure Valley CAMP Sub-Account</b>		
Pristine Springs Hydropower and Rental Revenues.....	\$271,672.34	
Interest Earned State Treasury.....	\$573.11	
Spokane River Forum.....	(\$18,000.00)	
Treasure Valley Water Quality Summit.....	(\$500.00)	
Kootenai-Shoshone Soil & Water Cons. Dist. - Agrimet Station.....	(\$20,000.00)	
Rathdrum Prairie-Spokane Valley Aquifer Pumping Study (CUN00989).....	(\$70,000.00)	
Idaho Washington Aquifer Collaborative.....	(\$10,000.00)	
Committed Funds		
Kootenai-Shoshone Soil & Water Cons. Dist. - Agrimet Station.....	\$0.00	
Spokane River Forum.....	\$0.00	
Rathdrum Prairie-Spokane Valley Aquifer Pumping Study.....	\$0.00	
Treasure Valley Water Quality Summit.....	\$0.00	
Idaho Washington Aquifer Collaborative.....	\$0.00	
<b>TOTAL COMMITTED FUNDS.....</b>	<b>\$0.00</b>	
<b>Balance Rathdrum Prairie CAMP &amp; Treasure Valley CAMP Sub-Account.....</b>		<b>\$153,745.45</b>
<b>Upper Salmon/CBWTP Sub-Account</b>		
Water Transaction Projects Payment Advances from CBWTP/Accord.....	\$4,575,064.82	
PCSRF Funds for Administration of Non-Diversion Easements on Lemhi River.....	\$222,257.16	
Interest Earned State Treasury.....	\$190,803.94	
Transfer to Water Supply Bank.....	(\$101,144.84)	
Change of Ownership.....	(\$600.00)	
Appraisals/Closing Costs.....	(\$13,386.48)	
Payments for Water Acquisition.....	(\$1,625,553.76)	
<b>Cash Balance CBWTP Sub-Account.....</b>		<b>\$3,247,440.84</b>
Committed Funds		
Administration of Non-Diversion Easements on Lemhi River.....	\$129,089.39	
Alturas Lake Creek (Breckenridge).....	\$0.00	
Bayhorse Creek (Peterson Ranch).....	\$30,508.94	
Badger Creek (OWBP).....	\$18,634.10	
Beaver Creek (DOT LLP).....	\$120,558.78	
Big Hat Creek.....	\$0.26	
Big Timber Tyler (Leadore Land Partners).....	\$445,695.89	
Canyon Creek/Big Timber Creek (Beyeler).....	\$415,872.49	
Carmen Creek (Bill Slavin).....	\$205,121.60	
Carmen Creek (Bruce Slavin).....	\$128,715.39	
Fourth of July Creek (Vanderbilt).....	\$15,671.69	
Iron Creek (Phillips).....	\$0.00	
Iron Creek (Koncz).....	\$207,922.32	
Kenney Creek Source Switch (Gail Andrews).....	\$23,409.27	
Lemhi - Big Springs (Merrill Beyeler).....	\$57,834.88	
Lemhi River & Little Springs Creek (Kauer).....	\$19,969.16	
Little Springs Creek (Snyder).....	\$266,686.22	
Lower Eighteenmile Creek (Ellsworth Angus Ranch).....	\$1,777.78	
Lower Lemhi Thomas (Robert Thomas).....	\$1,200.00	
Pahsimeroi-Little Mud Creek (Bar G Farm).....	\$4,978.71	
P-9 Bowles (River Valley Ranch).....	\$272,388.78	
P-9 Charlton (Sydney Downton).....	\$18,029.50	
P-9 Downton (Western Sky LLC).....	\$216,050.70	
P-9 Elzinga (Elzinga).....	\$267,237.07	
Patterson-Big Springs (PBSC9).....	\$176,627.56	
Pole Creek (Salmon Falls Land).....	\$634,475.70	
Pratt Creek (Mulkey).....	\$80,306.87	
Spring Creek (Richard Beard).....	\$542.88	
Spring Creek (Ella Beard).....	\$795.69	
Whitefish (Leadore Land Partners).....	\$162,188.61	
<b>Total Committed Funds.....</b>	<b>\$3,922,290.13</b>	
<b>CBWTP Sub-Account Balance after Commitments.....</b>		<b>(\$674,849.29)</b>
<b>Water District 02 WaterSmart Grant Sub-Account</b>		
Received from BOR for BORWS2.....	\$118,058.42	
Received from BOR for BORWS3.....	\$59,960.43	
Payments made to contractors for BORWS2.....	(\$118,058.42)	
Payments made to contractors for BORWS3.....	(\$59,960.43)	
<b>Balance WaterSmart Grant Sub-Account.....</b>		<b>\$0.00</b>
<b>Water Supply Bank Sub-Account</b>		

Interest Earned State Treasury.....	\$16,195.41	
Payments received from renters.....	\$3,518,753.71	
Payments made to owners.....	(\$2,938,399.13)	
<b>Cash Balance Water Supply Bank Sub-Account.....</b>		<b>\$596,549.99</b>
Committed Funds:		
Owners Share.....	\$580,354.58	
Total Committed Funds.....	\$580,354.58	
<b>Water Supply Bank Sub-Account Balance after Commitments.....</b>		<b>\$16,195.41</b>

**Eastern Snake Plain Sub-Account**

Legislative Appropriation 2005, HB392.....	\$7,200,000.00	
Legislative Appropriation 2005, HB392, CREP Program.....	\$3,000,000.00	
Interest Earned State Treasury.....	\$2,002,837.97	
Loan Interest.....	\$258,260.39	
Bell Rapids Water Rights Closing Costs.....	(\$8,558.00)	
First Installment Payment to Bell Rapids Irr. Co. (Partial).....	(\$361,800.00)	
Second Installment Payment to Bell Rapids Irr. Co. (Partial).....	(\$361,800.00)	
Third Installment Payment to Bell Rapids Irr. Co. (Partial).....	(\$361,800.00)	
Fourth Installment Payment to Bell Rapids Irr. Co. (Partial).....	(\$614,744.00)	
Fifth Installment Payment to Bell Rapids Irr. Co. (Final).....	(\$1,675,036.00)	
Reimbursement from Commerce & Labor W-Canal.....	\$74,709.77	
Transfer to Pristine Springs Sub Account.....	(\$1,000,000.00)	
Reimbursement from Magic Valley GWD - Pristine Springs.....	\$500,000.00	
Reimbursement from North Snake GWD - Pristine Springs.....	\$500,000.00	
Reimbursement from Water District 1 for Recharge.....	\$159,764.73	
Palisades (FMC) Storage Costs.....	(\$3,519,790.74)	
Reimbursement from BOR for Palisades Reservoir.....	\$2,381.12	
W-Canal Project Costs.....	(\$326,834.11)	
Black Canyon Exchange Project Costs.....	(\$158,872.00)	
Black Canyon Exchange Project Revenues.....	\$23,800.00	
2008 Recharge Conveyance Costs.....	(\$14,580.00)	
2009 Recharge Conveyance Costs.....	(\$355,253.00)	
2010 Recharge Conveyance Costs.....	(\$484,231.62)	
Transfer to Priest Lake Sub-Account (2018 HB 677, Sec 6).....	(\$2,419,580.50)	
Additional recharge projects preliminary development.....	(\$28,909.30)	
Pristine Springs Project Costs.....	(\$6,883.91)	
<b>Cash Balance Eastern Snake Plain Sub-Account.....</b>		<b>\$2,023,100.80</b>

Loans and Other Commitments		
Commitment - Remainder of Bell Rapids Water Rights Purchase (1).....	\$361,620.00	
Commitment - CREP Program (HB392, 2005).....	\$0.00	
Commitment - Priest Lake Water Mgmt Project (HB677, 2016).....	\$0.00	
Commitment - Additional recharge projects preliminary development..	\$337,594.00	
Commitment - Palisades Storage O&M.....	\$10,000.00	
Commitment - Black Canyon Exchange Project (fund with ongoing rev	\$442,252.95	
Total Loans and Other Commitments.....	\$1,151,466.95	
<b>Eastern Snake Plain Sub-Account Balance after Commitments.....</b>		<b>\$871,633.85</b>

CREP Loans Outstanding:		
American Falls-Aberdeen GWD (CREP).....	\$58,040.75	
Bonneville Jefferson GWD (CREP).....	\$37,408.43	
Magic Valley GWD (CREP).....	\$55,176.62	
North Snake GWD (CREP).....	\$26,331.95	
<b>TOTAL ESP CREP LOANS OUTSTANDING.....</b>	<b>\$176,957.75</b>	
<b>Uncommitted Eastern Snake Plain Sub-Account Balance.....</b>		<b>\$694,676.10</b>

**Dworshak Hydropower Project**

Dworshak Project Revenues		
Power Sales & Other.....	\$9,533,580.73	
Interest Earned State Treasury.....	\$631,246.64	
Total Dworshak Project Revenues.....	\$10,164,827.37	
Dworshak Project Expenses		
Transferred to 1st Security Trustee Account.....	\$148,542.83	
Construction not paid through bond issuance.....	\$226,106.83	
1st Security Fees.....	\$314,443.35	
Operations & Maintenance.....	\$2,782,983.05	
Powerplant Repairs.....	\$180,409.72	
Bond payoff.....	\$391,863.11	
Capital Improvements.....	\$318,366.79	
FERC Payments.....	\$81,693.07	
Total Dworshak Project Expenses.....	(\$4,444,408.55)	
<b>Cash Balance Dworshak Hydropower Project.....</b>		<b>\$5,720,418.82</b>

Dworshak Project Committed Funds		
Emergency Repair/Future Replacement Fund.....	\$1,522,261.70	
FERC Fee Payment Fund.....	\$5,973.88	
Total Dworshak Project Committed Funds.....	\$1,528,235.59	
<b>Balance Dworshak Funds into Main Revolving Development Account.....</b>		<b>\$4,192,183.23</b>

<b>TOTAL.....</b>		<b>\$27,331,823.34</b>
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Loans Outstanding:	Amount Loaned	Principal Outstanding
A&B Irrigation District (Pipeline & Pumping Plant, Dec).....	\$3,500,000.00	\$3,108,449.84
A&B Irrigation District (Pipeline & Pumping Plant, Sept).....	\$3,500,000.00	\$3,106,407.72
Aberdeen-Springfield Canal Company (WRB-491; Diversion structure).....	\$329,761.00	\$41,857.30
Bee Line Water Association (Sep 23, 2014; System Improvements).....	\$600,000.00	\$599,999.99
Canyon County Drainage District No. 2 ( 26-Nov-12; Drain tile pipeline	\$35,000.00	\$16,089.41
Chaparral Water Association (21-Jan-11; Well deepening & improvem	\$68,000.00	\$10,441.57
Clearview Water Company.....	\$50,000.00	\$36,655.11
Cloverdale Ridge Water Corp. (irrigation system rehab 25-sep-09).....	\$106,400.00	\$5,850.47
Consolidated Irrigation Company (July 20, 2012; pipeline project).....	\$500,000.00	\$468,835.82
Dalton Water Association.....	\$1,036,900.00	\$797,077.08
Enterprise Irrigation District (14-Jul-06; Pipeline project).....	\$37,270.00	\$660.60
Enterprise Irrigation District (North Lateral Pipeline).....	\$105,420.00	\$8,438.62
Evans Water Corporation & HOA.....	\$20,000.00	\$18,258.44

Foothill Ranch Homeowners Association (7-oct-11; well rehab).....	\$150,000.00	\$93,031.49	
Goose Lake Reservoir Corp.....	\$320,000.00	\$41,926.00	
Idaho Ground Water Appropriators (IGWA).....	\$3,208,115.35	\$2,185,977.35	
Jefferson Irrigation Company (9-May-2008 Well Replacement).....	\$81,000.00	\$13,377.13	
King Hill Irrigation District (24-Sep-10; Pipeline replacement).....	\$300,000.00	\$31,129.93	
Lake Reservoir Company (29-July-11; Payette Lake-Lardo Dam Outlet).....	\$594,000.00	\$15,156.69	
Last Chance Canal Company (14-July-2015, diversion dam rebuild).....	\$2,500,000.00	\$1,967,217.74	
Lava Hot Springs, City of.....	\$347,510.00	\$18,875.89	
Lindsay Lateral Association (Engineering Design Project & Pipeline Stu).....	\$19,700.00	\$8,166.12	
Marsh Center Irrigation Company (13-May-05; Hawkins Dam).....	\$236,141.00	\$72,558.88	
Marysville Irrigation Company (18-May-07, Pipeline Project Phase 1).....	\$625,000.00	\$73,627.27	
Marysville Irrigation Company (9-May-08, Pipeline Project Phase 2).....	\$1,100,000.00	\$287,600.75	
North Fremont Canal Systems (25-Jan-13; Marysville Project).....	\$2,000,000.00	\$1,286,835.77	
North Side Canal Company (Phase I - canal rehab project).....	\$1,846,092.61	\$1,763,160.02	
North Side Canal Company (Phase II - canal rehab project).....	\$3,353,907.39	\$2,255,394.32	
Outlet Water Association (22-Jan-16; new well & improvements).....	\$100,000.00	\$94,024.52	
Pinehurst Water District (23-Jan-15).....	\$100,000.00	\$57,008.60	
Point Springs Grazing Association (July 20, 2012; stock water pipeline).....	\$48,280.00	\$27,132.57	
Preston-Whitney Irrigation Company (29-May-09; Fairview Lateral Pipel).....	\$800,000.00	\$0.00	
Producers Irrigation Company.....	\$173,000.00	\$46,719.16	
Skin Creek Water Association.....	\$188,258.00	\$12,507.67	
Spirit Bend Water Association.....	\$92,000.00	\$0.00	
St. Johns Irrigating Company (14-July-2015; pipeline project).....	\$1,429,775.00	\$1,366,627.34	
Sunset Heights Water District (17-May-13; Exchange water project).....	\$48,000.00	\$15,458.41	
Twin Lakes Canal Company (Winder Lateral Pipeline Project).....	\$500,000.00	\$203,423.58	
Valley County Local Improvement District No. 1/Jughandle HOA (well pi).....	\$907,552.00	\$514,429.20	
<b>TOTAL LOANS OUTSTANDING</b> .....			<b>\$20,670,388.37</b>
<b>Loans and Other Funding Obligations:</b>			
Senate Bill 1511 - Teton Replacement and Minidoka Enlargement Studies.....		\$678,161.82	
Boise River Storage Feasibility Study.....		\$13,578.15	
Weiser-Galloway Study (25-May-10).....		\$461,620.87	
Priest Lake Improvement Study (16-Mar-16).....		\$81,141.01	
Dalton Water Association.....		\$239,822.92	
Dover, City of (23-Jul-10; Water Intake project).....		\$194,063.00	
Goose Lake Reservoir Corp.....		\$278,074.00	
North Side Canal Company (16-sep-16; canal rehab project).....		\$1,098,513.07	
Producers Irrigation Company (23-May-16; new wells).....		\$70,872.50	
St. Johns Irrigating Company (14-July-2015; pipeline project).....		\$11,869.78	
<b>TOTAL LOANS AND OTHER FUNDING OBLIGATIONS</b> .....			<b>\$3,127,717.12</b>
<b>Uncommitted Funds</b> .....			<b>\$3,533,717.85</b>
<b>TOTAL</b> .....			<b>\$27,331,823.34</b>

(1) Actual amount needed may vary depending on final determination of water actually purchased and interest income received.

Idaho Water Resource Board  
Sources and Applications of Funds  
as of September 30, 2018  
WATER MANAGEMENT ACCOUNT

Original Appropriation (1978).....	1,000,000.00
Legislative Audits.....	(10,845.45)
IWRB Appraisal Study (Charles Thompson).....	(5,000.00)
Transfer funds to General Account 1101(HB 130, 1983).....	(500,000.00)
Legislative Appropriation (6/29/1984).....	115,800.00
Legislative Appropriation (HB988, 1994).....	75,000.00
Turned Back to General Account 6/30/95, (HB988, 1994).....	(35,014.25)
Legislative Appropriation (SB1260, 1995, Aquifer Recharge, Caribou Dam).....	1,000,000.00
Interest Earned.....	120,475.04
Filing Fee Balance.....	2,633.31
Water Supply Bank Receipts.....	841,803.07
Bond Fees.....	277,254.94
Funds from DEQ and IDOC for Glens Ferry Water Study.....	10,000.00
Legislative Appropriation FY01.....	200,000.00
Western States Wate Council Annual Dues.....	(7,500.00)
Tranfer to/from Revolving Development Account.....	(317,253.80)
Legislative Appropriation (SB1239, Sugarloaf Aquifer Recharge Project).....	60,000.00
Legislative Appropriation (HB 843 Sec 6, ESPA Settlement Water Rentals).....	520,000.00
Legislative Appropriation (SB1496, 2006, ESP Aquifer Management Plan).....	300,000.00
Legislative Appropriation (HB 320, 2007, ESP Aquifer Management Plan).....	849,936.99
Legislative Appropriation (HB 712, Sec 1, 2018, Flood Management Program).....	1,000,000.00
Grants Disbursed.....	(1,632,755.21)
<b>TOTAL .....</b>	<b>3,864,734.64</b>
 <b>IWRB Expenditures</b>	
Lemhi River Water Right Appraisals.....	\$31,000.00
<b>Expenditures Directed by Legislature</b>	
Obligated 1994 (HB988).....	\$39,985.75
SB1260, Aquifer Recharge.....	\$947,000.00
SB1260, Soda (Caribou) Dam Study.....	\$53,000.00
Sugarloaf Aquifer Recharge Project (SB1239).....	\$55,953.69
ESPA Settlement Water Rentals (HB 843 2004).....	\$504,000.00
ESP Aquifer Management Plan (SB1496, 2006).....	\$300,000.00
ESP Aquifer Management Plan (HB320, 2007).....	\$801,077.75
<b>TOTAL IWRB AND LEGISLATIVE DIRECTED EXPENDITURES.....</b>	<b>(2,732,017.19)</b>
<b>WATER RESOURCE BOARD RECHARGE PROJECTS.....</b>	<b>(11,426.88)</b>
<b>CURRENT ACCOUNT BALANCE.....</b>	<b>1,121,290.57</b>
 <b>Committed Funds:</b>	
<b>Grants Obligated</b>	
Cottonwood Point Water & Sewer Association.....	\$0.00
Preston - Whitney Irrigation Company.....	\$7,500.00
Water District No. 1 (Blackfoot Equalizing Reservoir Automation).....	\$35,000.00
Flood Management Program grants (HB712, Sec 1, 2018).....	\$1,000,000.00
<b>Legislative Directed Obligations</b>	
Sugarloaf Aquifer Recharge Project (SB1239).....	\$4,046.31
ESPA Settlement Water Rentals (HB 843, 2004).....	\$16,000.00
ESP Aquifer Management Plan (SB1496, 2006).....	\$0.00
ESP Aquifer Management Plan (HB320, 2007).....	\$48,829.24
<b>TOTAL GRANTS &amp; LOANS OBLIGATED &amp; UNDISBURSED.....</b>	<b>1,111,375.55</b>
<b>Uncommitted Funds.....</b>	<b>9,915.02</b>
<b>CURRENT ACCOUNT BALANCE.....</b>	<b>1,121,290.57</b>

# Memorandum

To: IWRB – Streamflow Enhancement and Minimum Streamflow Committee  
From: Amy Cassel  
Date: November 8, 2018  
Re: Water Transaction Program – Knapp Creek 5-year Lease



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**REQUIRED ACTION:** With the Committee’s recommendation, the attached funding resolution will be presented to the full Board and staff will proceed with project approval and contracting through the Idaho Water Transaction Program Process.

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## **Background:**

Knapp Creek, located in the Upper Middle Fork Salmon Basin, is tributary to Marsh Creek. Marsh Creek and Bear Valley Creek form the Middle Fork Salmon River. ESA-listed Chinook salmon, steelhead, and bull trout currently utilize Knapp Creek for spawning and rearing. The Middle Fork Salmon basin has not been supplemented with hatchery fish and therefore, other than occasional strays, the population is of natural origin. Furthermore, the Middle Fork Salmon River contains the highest elevation spawning grounds in the world for spring/summer Chinook salmon.

Located in Custer County approximately 20 miles from Stanley, Idaho, Cape Horn Ranch, LLC (CHR, LLC) holds WR No. 77-4208 in the amount of 6.5 cfs for irrigation of 159 acres from Knapp Creek. The Board’s purchase of Knapp Creek WR No. 77-4207 is expected to be completed by December 2018. As a result, CHR, LLC will be the only remaining irrigation diversion on Knapp Creek and there are no irrigation diversions on Marsh Creek or Bear Valley Creek. Hence, WR No. 77-4208 is the last remaining irrigation diversion in the headwater tributaries of the Middle Fork Salmon Basin.

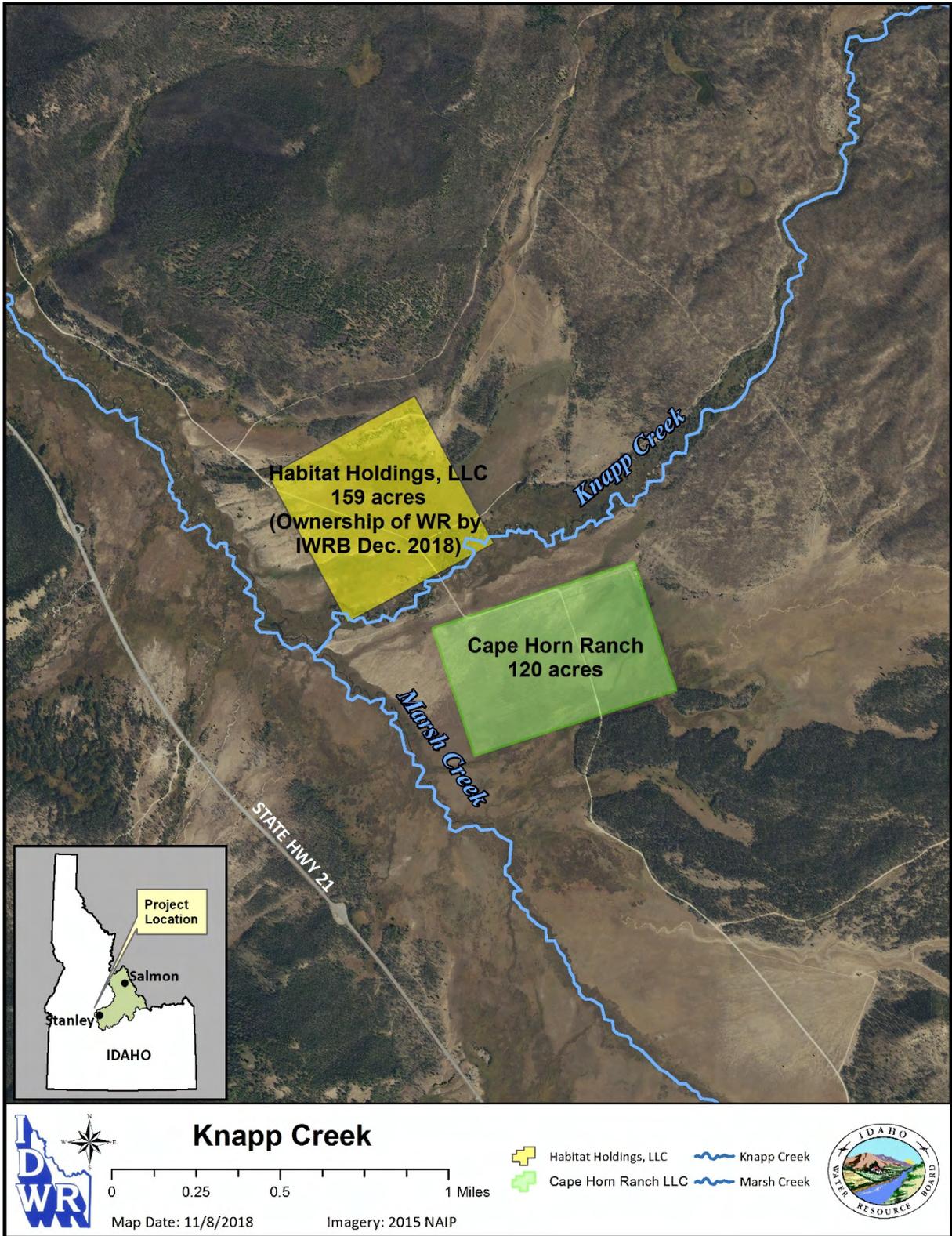
The owner of CHR, LLC is interested in leasing 120 acres of WR No. 77-4208 into the water supply bank. The lease transaction will add 4.9 cfs to Knapp Creek.

Staff proposes compensating the water right owners \$57.72 per acre over a 5-year period (2019-2023). Mark Olson, Natural Resource Conservation Service in Salmon, prepared a report detailing the analysis used to determine the price per acre. The total transaction costs would be \$37,479.00 (\$37,229.00 landowner payment and \$250 lease application fee) to be received from the Columbia Basin Water Transaction Program Fund. Funds for the annual payment to the water right owner will be held in the Water Transaction Subaccount of the Board’s Revolving Development Account.

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## **Request for Committee Recommendation**

Staff requests comments and a recommendation from the Committee regarding the transaction. Recommendations from the Committee and a resolution to approve the transaction will be introduced to the full Board on November 28, 2018.



**BEFORE THE IDAHO WATER RESOURCE BOARD**

IN THE MATTER OF THE  
THE BOARD LEASE OF WATER RIGHT NO. 77-  
4208 ON KNAPP CREEK

RESOLUTION TO MAKE A FUNDING  
COMMITMENT

1           WHEREAS, natural origin Chinook salmon, steelhead, and bull trout habitat in the Middle  
2 Fork Salmon River Basin is impacted by flow-limited tributaries; and

3  
4           WHEREAS, Knapp Creek, tributary to Marsh Creek, has been identified as a high priority  
5 stream for flow restoration efforts, to provide high quality spawning and rearing habitat for  
6 natural origin anadromous Chinook salmon, steelhead, and resident bull trout, and

7  
8           WHEREAS, it is in the interest of the State of Idaho to increase flow in Knapp Creek to  
9 encourage recovery of ESA-listed Chinook salmon, steelhead, and bull trout fish; and

10  
11           WHEREAS, Water Right No. 77-4208 has been historically diverted from Knapp Creek for  
12 irrigation purposes; and

13  
14           WHEREAS, the Idaho Water Resource Board (IWRB), pursuant to Section 42-1734, Idaho  
15 Code, has the authority to acquire, purchase, lease, or exchange land, rights, water rights,  
16 easements, franchises, and other property deemed necessary or proper for the construction,  
17 operation, and maintenance of water projects; and

18  
19           WHEREAS, the Water Right owner desires to lease to the IWRB a portion of Water Right  
20 No. 77-4208 so that the water may remain in Knapp Creek to enhance fish habitat; and

21  
22           WHEREAS, the IWRB will compensate Cape Horn Ranch LLC or its successors \$57.72 per  
23 acre per irrigation season for said lease for an annual payment of \$7,445.88 for 129 acres and a  
24 5-year total of \$37,229.40;

25  
26           WHEREAS, the Idaho Water Supply Bank lease application fee for said agreement is \$250;  
27 and

28  
29           WHEREAS, a proposal for \$37,479.40 has been submitted to the Columbia Basin Water  
30 Transactions Program for approval; and

31  
32           WHEREAS, staff anticipates the funds being placed in the IWRB Revolving Development  
33 Account for annual payment to the water right owners; and

35           NOW THEREFORE BE IT RESOLVED that the IWRB authorizes the Chairman to enter into a  
36 lease agreement for water right number 77-4208 using an amount not to exceed \$37,479.40; and  
37

38           NOW THEREFORE BE IT FURTHER RESOLVED that this resolution is subject to the condition  
39 that the IWRB receives the requested funding from the Bonneville Power Administration  
40 Columbia Basin Water Transaction Fund in the amount of \$37,479.40.

DATED this 28 day of November, 2018.

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ROGER W. CHASE, Chairman  
Idaho Water Resource Board

ATTEST \_\_\_\_\_  
VINCE ALBERDI, Secretary

# Memorandum



To: IWRB – Streamflow Enhancement and Minimum Streamflow Committee

From: Amy Cassel

Date: November 8, 2018

Re: Water Transaction Program – 2019-2022 Lower Lemhi Transactions

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**REQUIRED ACTION:** Recommendation from Committee to approve and fund agreements not to divert and funding for administration by Water District 74.

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## Background

The Lemhi River Basin is an important basin for the spawning, migration and rearing of Chinook salmon, summer steelhead, westslope cutthroat trout, and bull trout. During the irrigation season, low flows at the L-6 diversion can cause migration barriers for out-migrating juvenile Chinook salmon and in-migrating adult Chinook salmon and steelhead. The State of Idaho has committed to maintaining flows between 25 and 35 cfs at the L-6 diversion (See attached map) through the 2004 Snake River Water Rights Agreement. The 35 cfs flows are needed for out-migration in the spring and 25 cfs is needed for in-migrating adults in the mid- to late-summer.

For the past 13 years, the IWRB has been working to meet the 35 cfs target through agreements between the IWRB and water users “not to divert” from the Lemhi River. As identified below, a total of 19.39 cfs is currently protected permanently or through long-term agreements:

Flow Target:	35 cfs
Currently Protected:	
• Permanent Subordination Agreements	15.53 cfs
• Thomas Agreement	1.14 cfs
• TNC Donation	0.30 cfs
• City of Salmon Source Switch	2.42 cfs
<b>TOTAL Protected</b>	<b>19.39 cfs</b>
<b>Unmet Target (fill with Annual Subordination Agreements)</b>	<b>15.61 cfs</b>

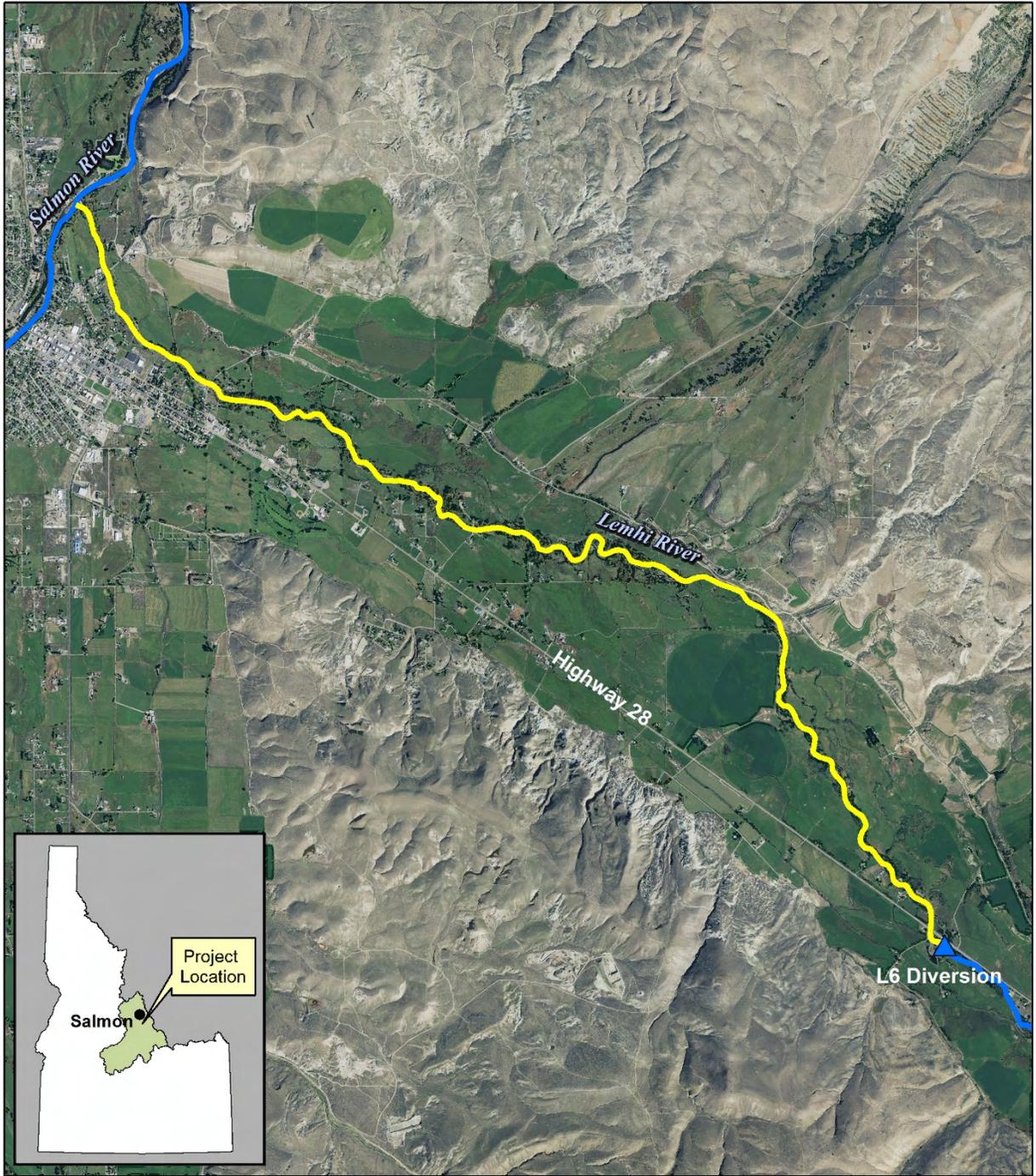
These agreements have been administered in accordance with a contract between the IWRB and Water District 74. As permanent agreements have been acquired the amount of water needed through annual leases has decreased.

Staff proposes development of additional short-term agreements to reduce or eliminate the gap of 15.61 cfs between the permanent and long-term transactions and the 35 cfs flow target. As in previous years, payment will be based on the number of days the irrigators are turned off with compensation of \$90.00/24-hour cfs. Irrigators will only be curtailed when the flow targets are not being met and up to a maximum of 100 days, which is unlikely unless severe, unprecedented drought conditions persist throughout the entire irrigation season.

The state of Idaho signed a 4-year extension of the 2008 Columbia Basin Fish Accords MOA in September 2018, and the Idaho Water Transaction Program has a total budget of \$1,218,406 for years 2019 through 2022. Therefore, staff recommends entering into short-term agreements with the Lower Lemhi irrigators and the Water District for years 2019 through 2022. The agreements not to divert will not exceed \$105,105.00 annually, and the Water District 74 administration contract will not exceed \$12,000 annually. Total funding for the 2019-2022 agreements with the Lower Lemhi irrigators and the Water District will not exceed \$468,420.00. Funding for these agreements will come from the 2019-2022 Idaho Fish Accord contract or the Columbia Basin Water Transaction Program Fund.

**Request for Committee Recommendation:**

Staff requests comments and a recommendation from the Committee regarding the transaction. Recommendations from the Committee will be introduced to the full Board at the November 28, 2018 IWRB meeting. A draft resolution is attached for the Committee's consideration.



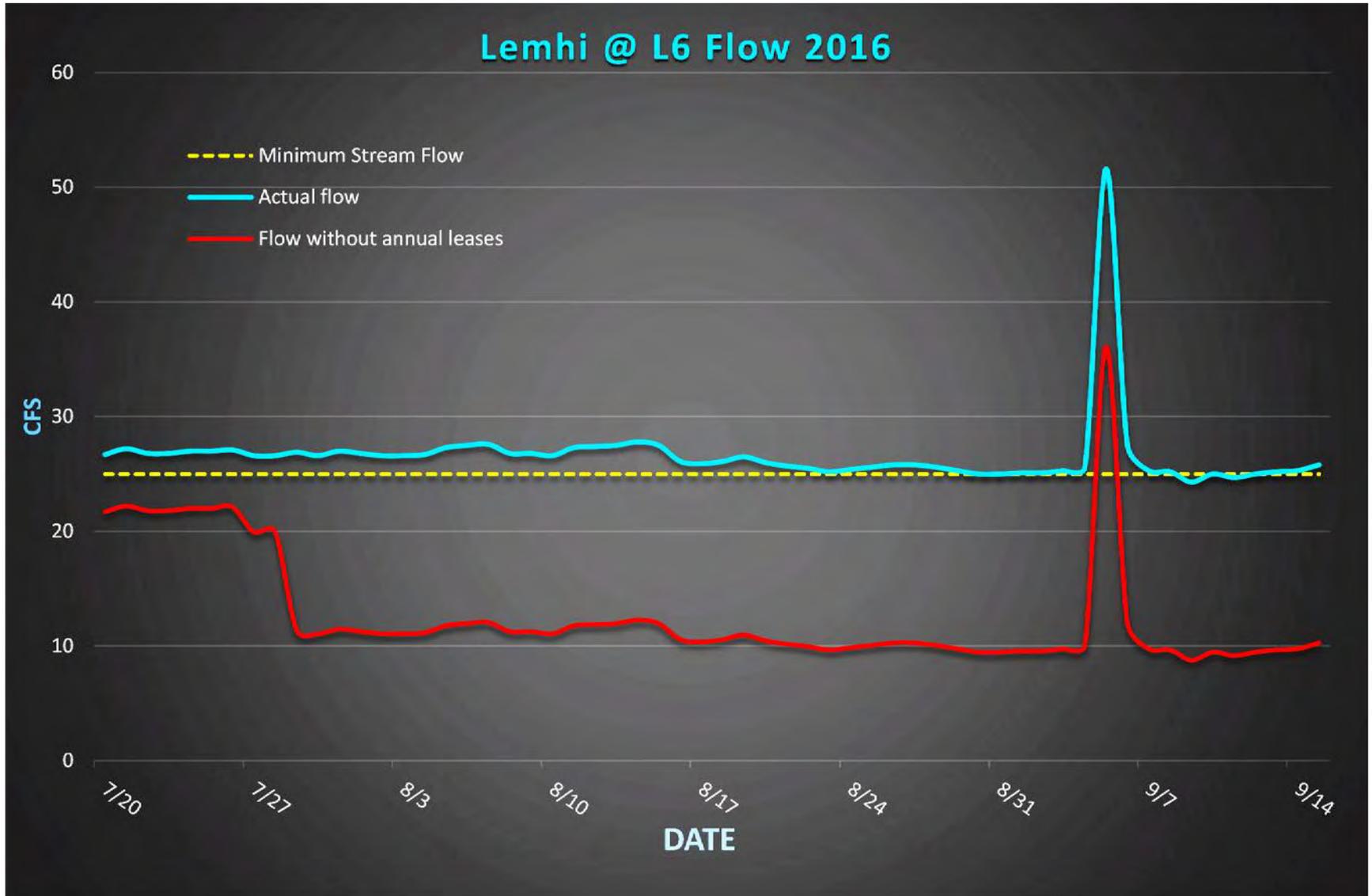
**2019  
Lemhi Annual**

0 0.5 1 2 Miles

Map Date: 11.5.2018 Imagery: NAIP 2015

-  Lemhi\_L6\_Diversion
-  Protected Reach
-  Streams





**BEFORE THE IDAHO WATER RESOURCE BOARD**

IN THE MATTER OF THE  
LOWER LEMHI 2019-2022 WATER RIGHT  
SUBORDINATION AGREEMENTS

RESOLUTION TO MAKE A FUNDING  
COMMITMENT

1           WHEREAS, Chinook salmon, steelhead, and bull trout habitat in the Lemhi River Basin is  
2 limited by low flow in the Lower Lemhi River; and  
3

4           WHEREAS, it is in the interest of the State of Idaho to permanently reconnect the Lower  
5 Lemhi River to encourage recovery of ESA-listed Chinook salmon, steelhead, and bull trout; and  
6

7           WHEREAS, the State of Idaho committed to maintaining flows of 25 cfs to 35 cfs at the L-  
8 6 Diversion on the Lower Lemhi River in the Lemhi Framework which was developed as part of  
9 the 2004 Snake River Water Rights Agreement; and  
10

11           WHEREAS, the Lemhi Framework carries forward target goals which were included in  
12 earlier conservation agreements developed and approved by local water users, and state and  
13 federal agencies; and  
14

15           WHEREAS, through enacting Idaho Code 42-1506 and 42-1765A, the Idaho Legislature  
16 directed the Idaho Water Resource Board (Board) to establish a minimum streamflow water right  
17 of 35 cfs in the Lower Lemhi River to be met through water right rentals or other appropriate  
18 methods under state law; and WHEREAS, the Board has the authority to enter into agreements  
19 to improve flow for anadromous and resident fish; and  
20

21           WHEREAS, the Board is authorized to expend Bonneville Power Administration funds for  
22 flow restoration through the Columbia Basin Water Transaction Program and the Bonneville Fish  
23 Accord Water Transaction Fund; and  
24

25           WHEREAS, the Board promotes water transactions that maintain the local agricultural  
26 economy by retaining irrigated agriculture; and  
27

28           WHEREAS, Board staff has developed short-term subordination agreements, also known  
29 as the Lemhi Subordination Agreements (agreements) with local water users to improve stream  
30 flow for anadromous and resident fish; and  
31

32           WHEREAS, for all agreements, the water users have agreed to limit their diversions during  
33 times of low flow; and  
34

35 WHEREAS, for all agreements, the water users will continue to irrigate their full place of  
36 use when flows exceed the flow targets; and

37  
38 WHEREAS, the Lemhi Subordination Agreements are in the public interest and in  
39 compliance with the State Water Plan.

40  
41 WHEREAS, the state of Idaho signed a 4-year extension of the 2008 Columbia Basin Fish  
42 Accords Memorandum of Agreement (MOA) in September 2018; and

43  
44 WHEREAS, the total budget for the Idaho MOA/Fish Accord Water Transaction Program  
45 for years 2019-2022 is \$1,218,406; and

46  
47 WHEREAS, the subordination agreements with the Lemhi water users do not exceed  
48 \$105,105.00 per year; and

49  
50 WHEREAS, the contract with Water District 74 to administer said agreements does not  
51 exceed \$12,000 per year; and

52  
53 WHEREAS, funding is available through the Idaho MOA/Fish Accord Water Transaction  
54 Program to fund the cost of said agreements in 2019, 2020, 2021, and 2022; and

55  
56 NOW THEREFORE BE IT RESOLVED that the Board authorizes the Chairman to enter into  
57 agreements for years 2019, 2020, 2021, and 2022 with lower Lemhi River irrigators to not divert  
58 out of the Lemhi River, using a total amount not to exceed \$420,420; and

59  
60 NOW THEREFORE BE IT FURTHER RESOLVED that the Board authorizes the Chairman to  
61 enter into contracts with Water District 74 to administer said agreements for years 2019, 2020,  
62 2021, and 2022 using a total amount not to exceed \$48,000; and

63  
64 NOW THEREFORE BE IT FURTHER RESOLVED that this resolution is subject to the condition  
65 that the Board receives the requested funding from the Bonneville Power Administration through  
66 the Idaho MOA/Fish Accord Water Transaction Program or the Columbia Basin Water Transaction  
67 Fund in an amount up to \$468,420.00.

68  
69

DATED this 28 day of November, 2018.

\_\_\_\_\_  
ROGER W. CHASE, Chairman  
Idaho Water Resource Board

ATTEST \_\_\_\_\_  
VINCE ALBERDI, Secretary

Resolution No. \_\_\_\_\_

# Memorandum



To: IWRB – Streamflow Enhancement and Minimum Streamflow Committee

From: Amy Cassel

Date: November 8, 2018

Re: Water Transaction Program – 2019 Morgan Creek Transaction

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**REQUIRED ACTION:** With the Committee’s recommendation, the attached funding resolution will be presented to the full Board and staff will proceed with project approval and contracting through the Idaho Water Transaction Program Process.

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**Background:**

The 2004 Snake River Water Rights (“Nez Perce”) Agreement commits the state to providing incentives for improving fish habitat which includes improving or protecting flow conditions to augment stream flows. Morgan Creek, a tributary to the Salmon River near Challis, is important for the spawning, migration and rearing of ESA-listed steelhead and bull trout. It also supports the rearing of ESA-listed juvenile Chinook salmon. Morgan Creek typically becomes dewatered below the lowest two diversions (SMC 2-4 and SMC 1) during the irrigation season, blocking access to those fish species. For the past 12 years, the IWRB has held agreements not to divert with the two water users on those diversions from Morgan Creek. Rather than divert from Morgan Creek, they left at least 2 cfs in the creek during the low flow periods to maintain adequate flows in Morgan Creek to the confluence with the Salmon River. The water was instead pumped out of a Salmon River ditch that carries existing Salmon River water rights appurtenant to the same ground. In return, the irrigators were compensated based on the cost of pumping water from the Salmon River ditch.

While the agreements have sustained a minimum flow over the past 12 years, the approach to flow restoration over that time has changed. Instead of addressing only flow limitations, Board staff works with Upper Salmon Basin partners to develop transactions that can complement projects addressing all limiting factors, while maintaining the local economy.

High flows on Morgan Creek in 2017 caused physical damage to a portion of the transacted reach and as a result, one of the water users is interested in a longer-term, more holistic solution to his irrigation practices. IWRB staff is working with Idaho Fish and Game, Bureau of Reclamation, and the Custer Soil and Water Conservation District on a long term plan, which may involve re-locating a fish screen, siphoning Salmon River ditch water under Morgan Creek, and a new head gate on the Salmon River. In the meantime, it is important to secure the gains that have already been made.

The proposed one year agreement not to divert would be an extension of the same terms and pricing structure of the previous agreements. The Morgan Creek water users will be compensated only when they are required to pump to maintain the 2 cfs flow. The maximum payment is based upon an annual five percent increase from the 2018 payment, with the total not to exceed \$10,205.15. Funding for the transaction would come from the Columbia Basin Water Transaction Fund.

**Request for Committee Recommendation:**

Staff requests comments and a recommendation from the Committee regarding the transaction. Recommendations from the Committee will be introduced to the full Board at the November 28, 2018 IWRB meeting. A draft resolution is attached for the Committee's consideration.



**BEFORE THE IDAHO WATER RESOURCE BOARD**

IN THE MATTER OF THE 2019 MORGAN  
CREEK WATER TRANSACTION CONTRACTS

RESOLUTION TO MAKE A FUNDING  
COMMITMENT

1           WHEREAS, steelhead, bull trout, and juvenile Chinook salmon habitat in Morgan Creek is  
2 limited by low flow in the lower reaches of Morgan Creek; and

3  
4           WHEREAS, Morgan Creek provides steelhead, bull trout, and juvenile Chinook salmon  
5 habitat and the 2004 Snake River Water Rights (“Nez Perce”) Agreement commits the state to  
6 providing incentives for improving fish habitat which includes improving or protecting flow  
7 conditions to augment stream flows; and

8  
9           WHEREAS, it is in the interest of the State of Idaho to reconnect Morgan Creek to  
10 encourage recovery of ESA-listed steelhead, bull trout, and Chinook salmon; and

11  
12           WHEREAS, Idaho Department of Water Resources staff has developed a series of  
13 agreements not to divert water from Morgan Creek at the SMC-2/4 and SMC-1 diversions to  
14 improve stream flow for anadromous and resident fish; and

15  
16           WHEREAS, staff has now negotiated one-year agreements with the Morgan Creek water  
17 users no to divert water at the SMC-2/4 and SMC-1 diversions; and

18  
19           WHEREAS, a proposal for \$10,205.15 has been submitted to the Columbia Basin Water  
20 Transactions Program to be used to fund said agreements; and

21  
22           WHEREAS, instead of diverting from Morgan Creek, the water users have agreed to pump  
23 from Salmon River sources that are not flow-limited and the funds paid under those agreements  
24 will approximate the power expenses incurred by changing the points of diversion; and

25  
26           WHEREAS, the Morgan Creek transactions are in the public interest and in compliance  
27 with the State Water Plan.

28  
29           NOW THEREFORE BE IT RESOLVED that the IWRB authorizes the Chairman to enter into  
30 contracts with Ronald Jones and Donna Hughes, or their successors, for agreements no to divert  
31 out of Morgan Creek in an amount not to exceed \$10,205.15.

33           NOW THEREFORE BE IT FURTHER RESOLVED that this resolution is subject to the condition  
34 that the IWRB receives the requested funding from the Bonneville Power Administration through  
35 the Columbia Basin Water Transaction Program in the amount of \$10,205.15.

DATED this 28 day of November, 2018.

\_\_\_\_\_  
ROGER W. CHASE, Chairman  
Idaho Water Resource Board

ATTEST \_\_\_\_\_  
VINCE ALBERDI, Secretary

# Memorandum



To: IWRB – Streamflow Enhancement and Minimum Streamflow Committee

From: Tanna Fullenkamp

Date: November 8, 2018

Re: Water Transaction Program – Lemhi Permanent Agreement Mark/Kim Olson and Kim Thomas

**REQUIRED ACTION:** The Committee is asked to consider two new permanent transactions. With the Committee’s recommendation, the attached funding resolution will be presented to the full Board and staff will proceed with project approval and contracting through the Idaho Water Transaction Program Process.

**Background:**

The Lemhi River Basin is an important basin for the spawning, migration, and rearing of Chinook salmon, summer steelhead, westslope cutthroat trout, and bull trout. During the irrigation season, low flows at the L-6 diversion can cause migration barriers for out-migrating juvenile Chinook salmon and in-migrating adult Chinook salmon and steelhead. The State of Idaho committed to maintaining flows between 25 and 35 cfs at the L-6 diversion (map below) in the Lemhi Framework which was developed as part of the 2004 Snake River Water Rights (Nez Perce) Agreement. The agreement carries forward target goals which were included in earlier conservation agreements developed and approved by local water users and state and federal agencies. The 35 cfs flows are needed for out-migration in the spring and 25 cfs is needed for in-migrating adults in the mid-to-late summer.

Through enacting Idaho Code 42-1506 and 42-1765A, the Idaho Legislature directed the Board to establish a minimum streamflow water right of 35 cfs in the Lower Lemhi River to be met through water right rentals or other appropriate methods under state law.

For the past several years, the Board has been working to meet the 35 cfs target. Efforts have led to the following:

Flow Target:	35 cfs
Currently Protected:	
• Permanent Subordination Agreements	15.53 cfs
• Thomas Agreement	1.14 cfs
• TNC Donation	0.30 cfs
• City of Salmon Source Switch	2.42 cfs
• Annual Subordination Agreements	15.56 cfs
<b>TOTAL</b>	<b>34.95 cfs</b>

The annual subordination agreements and permanent agreements allow water users to irrigate their full irrigated acreage unless the Board’s minimum stream flow water right is not being met. As flows approach 35 cfs, participants rotate use to maintain the minimum flow. After July 1, flows are allowed to drop to 25 cfs. There are limited times when all participants are not diverting, but when flows

increase, they can divert and irrigate. In some years, the participants have full access to their water rights throughout the irrigation season. The subordination agreements allow maximum use of water whenever flows are above the minimum 25-35 cfs, while providing a minimum flow to protect movement of ESA-listed species.

In order to move towards the goal of protecting 35 cfs instream in perpetuity, staff proposes to enter into permanent subordination agreements with Mark and Kim Olson for 0.16 cfs from the L-6 diversion (Water Right No. 74-15952) and Kim Thomas for 1.14 cfs from the L-6 diversion (Water Right Nos. 74-14995 and 74-15010). The agreements allow irrigation when flows are above 25-35 cfs. The Olson and Thomas families have been participating in the annual agreements to date, and would like to make the agreements permanent.

Funds are available for the agreements from the Idaho Fish Accord Water Transactions Fund and the Columbia Basin Water Transaction Program Fund. The cost of the two new transactions is based on a 2018 appraisal completed by Henri LeMoyné Appraisal Services which established a price of \$100,000 per cfs. An additional \$12,000 per cfs will be placed in the water transaction sub-account of the IWRB's Revolving Development Account to pay for contracts with Water District 74 for administration of the subordination agreements. The total cost of the two transactions is \$145,000 (\$17,920 for Olson; \$127,680 Thomas) for 1.3 cfs of permanently-protected flow at L-6. These transactions will increase the total amount of permanently-protected flow at L-6 to 16.8 cfs.

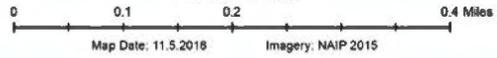
#### **Request for Committee Recommendation**

Staff requests comments and a recommendation from the Committee regarding these transactions. Recommendations from the Committee and a resolution to approve the transactions will be introduced to the full Board at the November 28, 2018 IWRB meeting.

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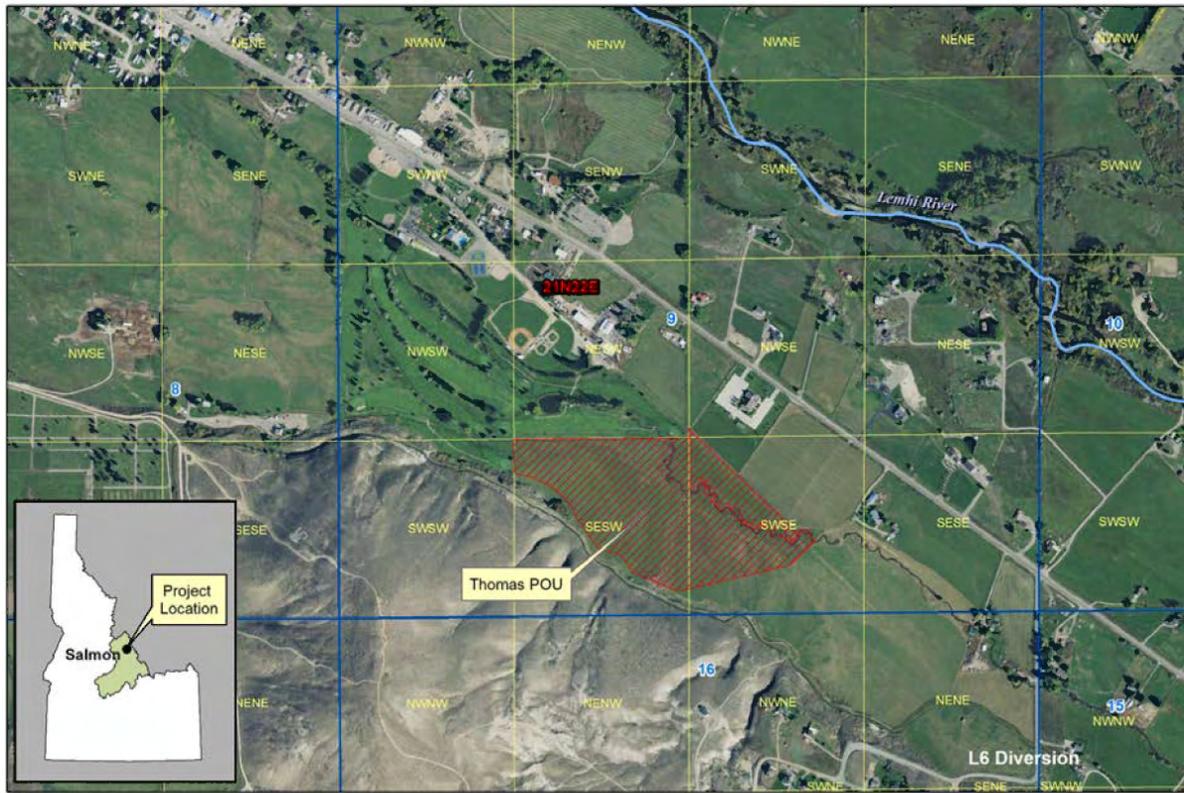


### Lemhi Permanent Agreement Mark Olson



L6 Ditch	Township/Range
WR_74-15952	Sections
	QQ





**Lemhi Permanent Thomas 2019**

0 0.15 0.3 0.6 Miles

Map Date: 11.5.2018 Imagery: NAIP 2015

Streams	Township/Range
Irrigation	Sections
	QQ



BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE  
LOWER LEMHI RIVER PERMANENT  
SUBORDINATION AGREEMENTS FOR WATER  
RIGHT NOS. 74-15952, 74-14995, AND 74-  
15010

RESOLUTION TO MAKE A FUNDING  
COMMITMENT

1 WHEREAS, Chinook salmon, steelhead, and bull trout habitat in the Lemhi River Basin is  
2 limited by low flow in the Lower Lemhi River; and  
3

4 WHEREAS, it is in the interest of the State of Idaho to permanently reconnect the Lower  
5 Lemhi River to encourage recovery of ESA-listed Chinook salmon, steelhead, and bull trout; and  
6

7 WHEREAS, the State of Idaho committed to maintaining flows of 25 cfs to 35 cfs at the L-  
8 6 Diversion on the Lower Lemhi River in the Lemhi Framework which was developed as part of  
9 the 2004 Snake River Water Rights Agreement; and  
10

11 WHEREAS, the Lemhi Framework carries forward target goals which were included in  
12 earlier conservation agreements developed and approved by local water users, and state and  
13 federal agencies; and  
14

15 WHEREAS, though enacting Idaho Code 42-1506 and 42-1765A, the Idaho Legislature  
16 directed the Board to establish a minimum streamflow water right of 35 cfs in the Lower Lemhi  
17 River to be met through water right rentals or other appropriate methods under state law; and  
18

19 WHEREAS, the Idaho Water Resource Board has the authority to enter into water right  
20 agreements and undertake water projects; and  
21

22 WHEREAS, the Idaho Water Resource Board is authorized to expend Bonneville Power  
23 Administration funds for flow restoration through the Columbia Basin Water Transaction  
24 Program and the Bonneville Fish Accord Water Transaction Fund; and  
25

26 WHEREAS, the Idaho Water Resource Board promotes water transactions that maintain  
27 the local agricultural economy by retaining irrigated agriculture; and  
28

29 WHEREAS, Board staff has developed short-term and permanent subordination  
30 agreements, also known as the Lemhi Subordination Agreements (agreements) with local water  
31 users to improve stream flow for anadromous and resident fish; and  
32

33 WHEREAS, Board staff has developed short-term subordination agreements to improve  
34 stream flow for anadromous and resident fish with owners of water rights 74-15952, 74-14995,  
35 and 74-15010; and  
36

37 WHEREAS, the water right owners desire to enter into subordination agreements that  
38 permanently limit their diversions during times of low flow; and

Deleted:

39  
40 WHEREAS, for these agreements, the water users will continue to irrigate to their full  
41 extent when flows exceed the flow targets; and  
42

43 WHEREAS, the Lemhi Subordination Agreements are in the public interest and in  
44 compliance with the State Water Plan.  
45

46 WHEREAS, \$130,000 is available through the Idaho Memorandum of Agreement (MOA)  
47 Fish Accord Water Transaction Program or the Columbia Basin Water Transaction Program to  
48 fund the cost of said agreements; and  
49

50 WHEREAS, \$15,600 is available through the Idaho (MOA)/Fish Accord Water Transaction  
51 Program or the Columbia Basin Water Transaction Program to fund the administration of said  
52 agreements by Water District 74; and  
53

54 NOW THEREFORE BE IT RESOLVED that the IWRB authorizes the Chairman to enter into  
55 permanent subordination agreements with the current or subsequent owners of water rights 74-  
56 15952, 74-14995, and 74-15010 to subordinate their diversions from the Lemhi River to the  
57 IWRB's Lemhi River minimum streamflow water right, using an amount not to exceed \$130,000  
58 (\$16,000 for water right # 74-15952; \$114,000 for water rights 74-14995 and 74-15010).  
59

60 NOW THEREFORE BE IT RESOLVED that the IWRB authorizes the Chairman to enter into  
61 contracts with Water District 74 using administration funds in the amount of \$15,600 (\$1,920 for  
62 water right #74-15952; \$13,680 for water rights 74-14995 and 74-15010).  
63

64 NOW THEREFORE BE IT FURTHER RESOLVED that this resolution is subject to the condition  
65 that the IWRB receives the requested funding from the Bonneville Power Administration through  
66 the Idaho (MOA)/Fish Accord Water Transaction Program or the Columbia Basin Water  
67 Transaction Program in the amount of \$145,600.  
68

DATED this 28 day of November, 2018.

\_\_\_\_\_  
ROGER W. CHASE, Chairman  
Idaho Water Resource Board

Resolution No. \_\_\_\_\_

Page 2

ATTEST \_\_\_\_\_  
VINCE ALBERDI, Secretary

Resolution No. \_\_\_\_\_

# Memorandum



To: IWRB – Streamflow Enhancement and Minimum Streamflow Committee

From: Tanna Fullenkamp

Date: November 8, 2018

Re: Water Transaction Program – Bar G Farm Lease 2019-2023

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**REQUIRED ACTION:** With the Committee’s recommendation, the attached funding resolution will be presented to the full Board and staff will proceed with project approval and contracting through the Idaho Water Transaction Program Process.

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## Background:

The Pahsimeroi River Basin, in Central Idaho, provides enormous potential as spawning and rearing habitat for anadromous fish, particularly steelhead and Chinook salmon. Little Mud Creek, tributary of the Pahsimeroi River was previously intercepted and mostly dewatered by a cross-ditch until the 2008 Pahsimeroi P-9 ditch removal project eliminated the cross ditch and allowed Little Mud Creek to flow freely into the Pahsimeroi River. Flow does remain a limiting factor for Little Mud Creek, which has also been identified as important habitat for juvenile Chinook rearing. The Pahsimeroi River also benefitted from the P-9 removal project, and recent spawning results are encouraging. However, flow does remain limited in most reaches of the Pahsimeroi River.

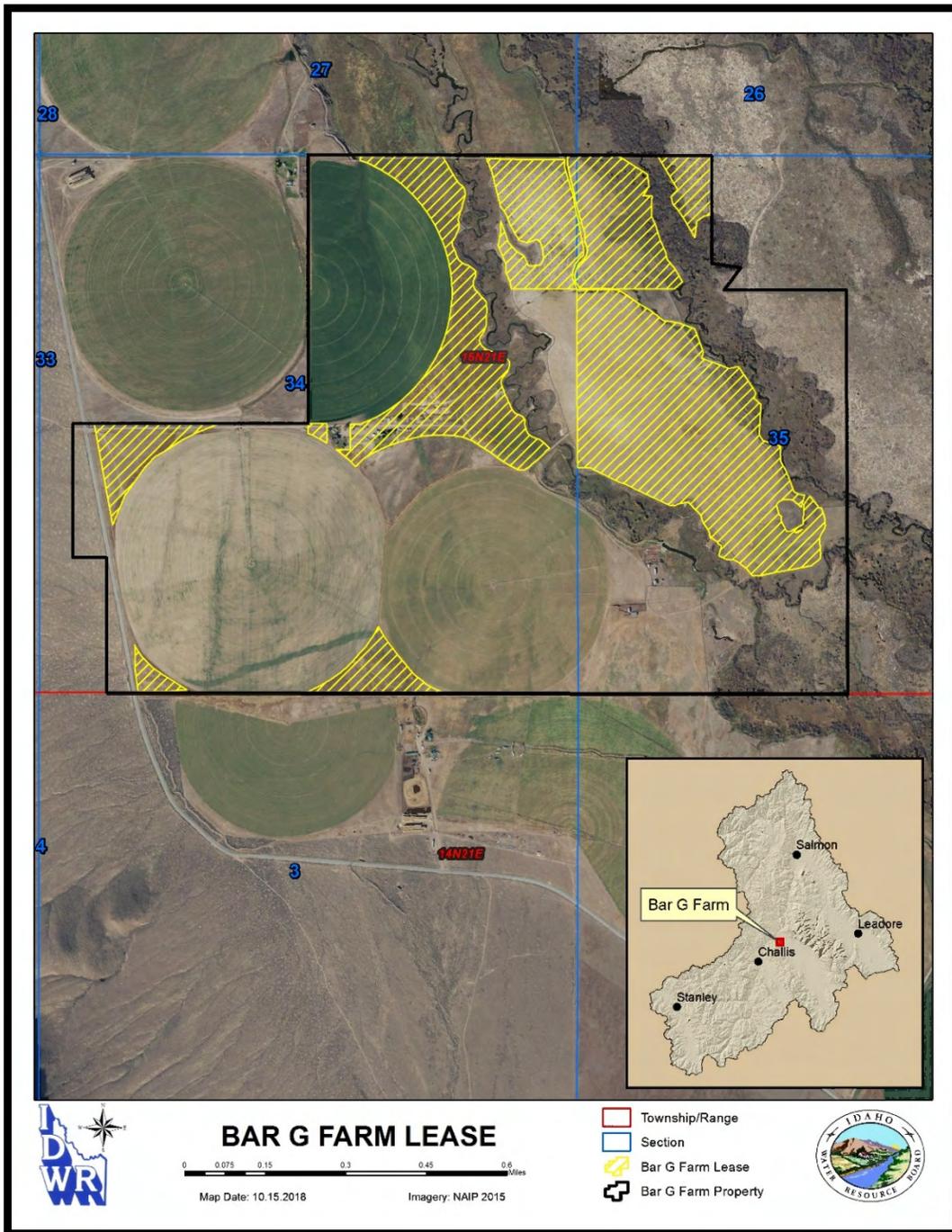
Bar G Farm, owned by Billy and Rivers Gydesen, diverts water out of Little Mud Creek and the Pahsimeroi River to irrigate approximately 147 acres using both flood and hand line irrigation methods. The remaining ranch acreage is under three pivots and is leased to an adjacent landowner. The high labor costs and the relatively low return on production associated with the flood and hand line acreage has convinced the Gydesen family that a lease of that acreage is a good short-term solution as they continue to develop a long-term strategy for their farm and ranch. A long-term lease has been discussed with the Gydesen family and may become part of the overall strategy.

The 5-year transaction will secure up to 4.6 cfs of flow to the Pahsimeroi River by leasing a portion of water rights numbers 73-10005, 73-11982, 73-90, 73-11978 and the full portion of water right numbers 73-11992, 73-11988, and 73-11987. The transaction will add 0.75 cfs to Little Mud Creek with a portion of water right 73-11981. However, the Little Mud Creek diversion will be closed during the lease period. The full right of 2.25 cfs will remain instream.

Staff proposes compensating the water right owners at a price of \$36.97 per acre over a 5-year period (2019-2023). Mark Olson, Natural Resource Conservation Service in Salmon, prepared a report detailing the analysis used to determine the cost per acre. The total transaction costs would be \$33,972.30 (\$27,172.95 rental payment, \$5,299.35 rental fees, and \$1,500.00 application fees) to be received at a discounted rate from the Idaho Fish Accord Water Transactions Fund and held in the Water Transaction Subaccount of the Board’s Revolving Development Account for annual payment to the water right owner through the Water Supply Bank.

## Request for Committee Recommendation

Staff requests comments and a recommendation from the Committee regarding the transaction. Recommendations from the Committee and a resolution to approve the transaction will be introduced to the full Board at the November 2018 IWRB meeting.



**BEFORE THE IDAHO WATER RESOURCE BOARD**

IN THE MATTER OF THE 2019-2023 LITTLE  
MUD CREEK AND PAHSIMEROI RIVER  
WATER TRANSACTION

RESOLUTION TO MAKE A FUNDING  
COMMITMENT

1           WHEREAS, Chinook salmon and steelhead habitat in the Pahsimeroi River Basin is limited  
2 by low flow in the main-stem and disconnected tributaries; and  
3

4           WHEREAS, Little Mud Creek and the Pahsimeroi River have been identified as high priority  
5 streams for flow restoration efforts, to provide high quality habitat for anadromous Chinook  
6 salmon and steelhead, and the 2004 Snake River Water Rights Agreement (also known as the Nez  
7 Perce Agreement) commits the state to providing incentives for improving fish habitat which  
8 includes improving or protecting flow conditions to augment streams flows; and  
9

10           WHEREAS, it is in the interest of the State of Idaho to maintain the reconnection of Little  
11 Mud Creek to the Pahsimeroi River to encourage recovery of ESA-listed Chinook salmon and  
12 steelhead; and  
13

14           WHEREAS, the Board will compensate BAR G FARM or its successors, \$36.97 per acre per  
15 irrigation season for said rental for annual payment of \$5,434.59 for 147 acres and a 5-year total  
16 of \$27,172.95; and  
17

18           WHEREAS, the lease application fees (\$1,500) and rental fees (\$5,299.35) for said  
19 agreement will not exceed \$6,799.35; and  
20

21           WHEREAS, a proposal for \$33,972.30 has been submitted to the Columbia basin Water  
22 Transactions Program for approval; and  
23

24           WHEREAS, funding is available through the Idaho Fish Accord Water Transactions Fund  
25 for said lease and rental agreements; and  
26

27           WHEREAS, staff anticipates the funds being placed in the Idaho Water Resource Board  
28 (IWRB) Revolving Development Account for annual payment to the water rights owners; and  
29

30           WHEREAS, the Little Mud Creek and Pahsimeroi transaction is in the public interest and  
31 is in compliance with the State Water Plan; and  
32  
33

34           NOW, THEREFORE BE IT RESOLVED that the IWRB authorizes the Chairman to enter into  
35 lease and rental agreements for water rights 73-10005, 73-11982, 73-90, 73-11978, 73-11992,  
36 73-11988, 73-11987, and 73-11981 for delivery to minimum stream flow 73-7045, for an amount  
37 not to exceed \$33,972.30; and  
38

39           NOW THEREFORE BE IT FURTHER RESOLVED that this resolution is subject to the condition  
40 that the Board receives the requested funding from the Bonneville Power Administration through  
41 the Idaho MOA/Fish Accord Water Transaction Program or the Columbia Basin Water Transaction  
42 Fund in an amount up to \$33,972.30.  
43

DATED this 28 day of November, 2018.

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ROGER W. CHASE, Chairman  
Idaho Water Resource Board

ATTEST \_\_\_\_\_  
VINCE ALBERDI, Secretary





C.L. "BUTCH" OTTER  
GOVERNOR

November 1, 2018

The Honorable John Henderson  
Office of the Secretary of the Air Force Installations, Environment & Energy  
1665 Air Force Pentagon  
Washington, D.C.  
20330-1665  
USAF.pentagon.SAF-IE.mbx.workflow@mail.mil

RE: Mountain Home Air Force Base Sustainable Water Supply Project

Dear Colonel Henderson,

As Governor, it has been one of my highest priorities to assist the Mountain Home Air Force Base (Base) with developing a sustainable water supply. The solution is to build a water pipeline from the nearby Snake River to the Base, so the Base is no longer dependent on the declining Mountain Home Aquifer. The State of Idaho has been diligently working towards this goal for several years. So far, we have obtained senior-priority water rights from the Snake River, undertaken water testing so a treatment plant can be designed, completed geotechnical testing along the pipeline route, and most recently, secured right-of-way from the Bureau of Land Management through the Morley Nelson Snake River Birds of Prey National Conservation Area. However, there has been an issue in building and payment obligations for the final implementation of the project between USAF and the state of Idaho.

On September 24, a meeting was held with several members of the Idaho Water Resource Board and Wing Commander Col. Joseph Kunkel of the Mountain Home Air Force Base. There was discussion about pathways to accomplish this critical project. The idea of splitting the project to have the State of Idaho build the pump station and pipeline while the Air Force builds the water treatment plant was viewed as having the highest likelihood of success.

It is my intention that, subject to the Legislature's appropriation process and a commitment from the Base to provide a water treatment plant, the State of Idaho would build, own, and operate the pump station and pipeline. A commitment from the Base will reassure us that this goal can be met on this critical project. I look forward to your response regarding the Base's commitment.

Should you have any questions, please contact Brian Patton, Executive Officer of the Idaho Water Resource Board at (208)287-4800 or [brian.patton@idwr.idaho.gov](mailto:brian.patton@idwr.idaho.gov).

As Always – Idaho, “Esto Perpetua”

A handwritten signature in black ink, appearing to read "C.L. Butch Otter". The signature is fluid and cursive, with the first letters of each name being capitalized and prominent.

CLO/kf

C.L. “Butch” Otter  
Governor of Idaho

Cc: Robert E Moriarty, Air Force Civil Engineering Center, Installation Directorate,  
[robert.moriarty.3@us.af.mil](mailto:robert.moriarty.3@us.af.mil)  
Col. Kunkel, 366th Fighter Wing Commander, [joseph.kunkel@us.af.mil](mailto:joseph.kunkel@us.af.mil)

# Memorandum



To: Idaho Water Resource Board (Board)  
From: Randall Broesch P.E., Staff Engineer  
Date: November 9, 2018  
Re: Mountain Home Air Force Base Sustainable Water Supply Project (Project)

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**REQUIRED ACTION:** Staff is seeking authorization from the Board to have a Professional Engineer, with experience in construction, to prepare and Opinion of Probable Cost ("OPC") for the pump station and pipeline in order to assist with future financial planning for the Project.

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## Project Concept

The Mountain Home Air Force Base (Base) currently relies on groundwater for its water supply, but diverts its water from a critical declining aquifer. In 2014, with support from the Governor and Idaho State Legislature, the Board purchased senior Snake River water rights from the Simplot Corporation to provide a water supply to the Base. The surface water will be diverted out of the C.J. Strike Reservoir through a pump station and pipeline and delivered to a treatment plant for municipal use at the Base. The Board is expected to retain the senior water rights and enter into a contract with the Base for the delivery of water.

## Project Update

Procurement Cancellation & Termination of Owner's Advisor Contract – On September 27, 2018 the Board passed a resolution to cancel its procurement for Design-Build-Operate Services to develop the entire Project, and to terminate its contract with Brown and Caldwell (the Board's "Owner's Advisor"). Since that time, the Owner's Advisor contract has been terminated and Staff has been closing out the Project and finalizing deliverables from the Owner's Advisor. The Board will receive the final Owner's Advisor deliverables by November 27, 2018.

Owner's Advisor Deliverables – The Owner's Advisor began a second phase of pilot testing in June of 2018 and conducted the test into September of 2018 (approximately 2.5 months). The purpose of the study was to determine which treatment processes could be necessary to treat the algae that is present in the C.J. Strike Reservoir. The Board will receive an approval of from IDEQ on phase II of the pilot study testing by the end of November which will complete the Owner's Advisor's services.

Tasks Completed by the Owner's Advisor are listed below:

- Raw Water Characterization for the C.J. Strike Reservoir
- IDEQ Approved Facility Plan Addendum
- IDEQ Approved Technical, Financial, and Managerial Report
- Phase I & II Pilot Testing
- Geotechnical Investigation
- Topographic Survey (Aerial Imagery, Topo, and Property Ownership)
- Utility Identification and Coordination
- Wetland Delineation

Work completed or initiated by the Board – A list of the items completed or initiated to date is listed below. These permits are representative of the permitting requirements that will be necessary to construct the pipeline and pump station.

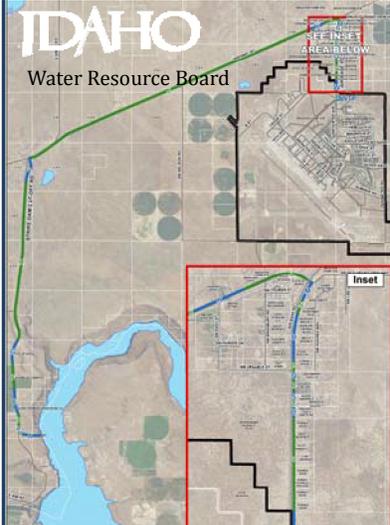
- Purchased Senior Snake River Water Rights
- Executed Right-of-Way Grant from the Bureau of Land Management
- Initiated Water Right Transfer Application & New Winter Water Right Application
- Initiated Permitting with Idaho Power/Federal Energy Regulatory Commission for Power Supply
- Initiated Permitting with Idaho Department of Lands
- Initiated Permitting with Idaho Transportation Department
- Initiated Permitting with Mountain Home Highway District
- Initiated Permitting with the U.S. Army Corps of engineers

Revised Project Concept and Future Actions – In November, the Office of the Governor sent a letter to the MHAFB offering its continued support for developing a sustainable water supply (letter included with Board materials). The Governor also endorsed the concept of splitting the project components such that the Board would be responsible for Project construction and operation of the pump station and pipeline while the MHAFB would develop and operate the water treatment plant. The revised project concept would be subject to the legislative appropriation process and a commitment by the MHAFB to development and operate the water treatment plant. Staff and the MHAFB continue to coordinate on the revised concept in an effort to determine the process and timeline ahead leading to the delivery of the entire Project.

With the endorsement of the Governor to split the Project, Staff is seeking approval of a resolution to contract with a Professional Engineer with construction experience to prepare an opinion of probable cost for the pump station and pipeline. The cost estimate will be used for future financial planning efforts for the Project. The estimated costs to prepare an OPC will not exceed \$100,000.



**IDAHO**  
Water Resource Board

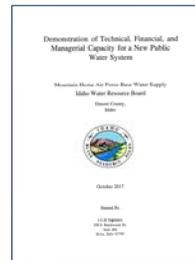
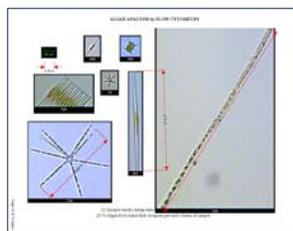


**Mountain Home Air Force Base (MHAFB)  
Water Sustainability Project**

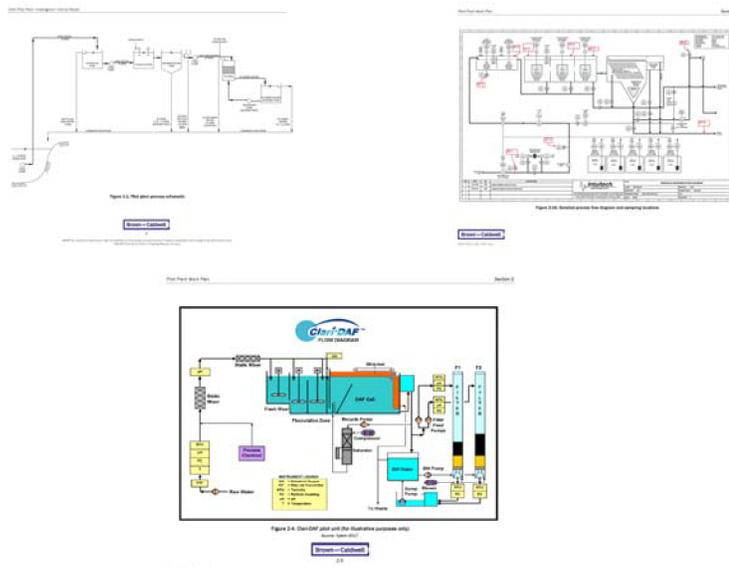
**Idaho Water Resource Board Meeting November 28<sup>th</sup>, 2018**

Randall A. Broesch P.E. • Water Projects Section • Staff Engineer

### Completed Owner's Advisors Tasks



### Completed Owner's Advisors Tasks

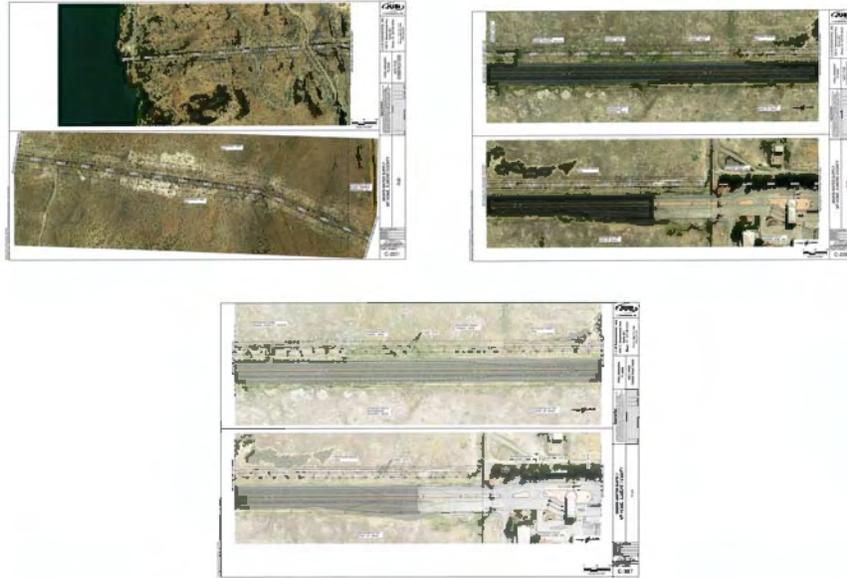


### Completed Owner's Advisors Tasks



Air-Track Drilling Depth to Bedrock Record				B. Nichols Superior Drilling	
Project Name	WMAFB Water Supply & Pipeline	Drilling Subcontractor	Drilling Date	Drilling Depth	Drilling Status
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### Completed Owner's Advisors Tasks



### Completed Owner's Advisors Tasks



Completed or Initiated Tasks by the IWRB



Completed or Initiated Tasks by the IWRB



## Completed or Initiated Tasks by the IWRB



**US Army Corps  
of Engineers®**

## Letter from the Governor to MHAFB



C. L. "Butch" Otter  
Governor  
November 1, 2018

The Honorable John H. ...  
Office of the Secretary of the Air Force Installation, Environment & Energy  
1401 Air Force Pentagon  
Washington, D.C.  
20330-1000  
USAF message:AFAP@af.mil or af@mail.af.mil

RE: Mountain Water Air Force Base Sustainable Water Supply Project  
Dear Colonel Henderson,

As a Governor, it has been one of my highest priorities to ensure the Mountain Water Air Force Base stays clean with developing a sustainable water supply. The solution is to build a water pipeline from the nearby Snake River to the Base, so the Base is no longer dependent on the declining Mountain Water Aquifer. The State of Idaho has been diligently working towards this goal for several years. To date, we have obtained preliminary water rights from the Snake River, undertaken water testing on a treatment plant site for drinking, completed preliminary testing along the pipeline route, and secured a water right-of-way from the Bureau of Land Management through the nearby Mountain Water Air Force Base of Free National Conservation area. However, there has been an issue in building and securing obligations for the final implementation of the project between USAF and the state of Idaho.

On September 14, a meeting was held with several members of the Idaho Water Resources Board and Wing Commander Col. Joseph Ruskal of the Mountain Water Air Force Base. There was discussion about pathways to successfully finish the project. The idea of entering the project to have the State of Idaho build the pump station and pipeline while the Air Force built the water treatment plant was favored as having the lightest financial burden.

It is my intention that, subject to the Legislature's appropriation process and a commitment from the Base to provide a water assessment plan, the State of Idaho would build, own, and operate the pump station and pipeline. A commitment from the Base will ensure the Air Force can be part of the initial project. I look forward to your response regarding the Base's commitment.

Butch Otter, Governor

Future Actions

- Cost Estimate for New Project Concept
- Resolution & Discussion

**BEFORE THE IDAHO WATER RESOURCE BOARD**

IN THE MATTER OF MOUNTAIN HOME AIR  
FORCE BASE SUSTAINABLE WATER SUPPLY  
PROJECT

RESOLUTION TO PREPARE AN OPINION OF  
PROBABLE COST ("OPC") TO CONSTRUCT A  
PUMP STATION AND PIPELINE

1 WHEREAS, the Idaho Water Resource Board ("Board") is a constitutional agency of the State of  
2 Idaho and empowered by Idaho Code §42-1734 to acquire, purchase, lease or exchange land, rights, water  
3 rights, easements, franchises and other property deemed necessary or proper for construction, operation  
4 and maintenance of water projects; and

5  
6 WHEREAS, the Mountain Home Air Force Base ("Base"), as well as surrounding agricultural wells  
7 and municipal wells, draw their supply from the Mountain Home Aquifer; and

8  
9 WHEREAS, the Idaho Department of Water Resources ("IDWR") estimates that the rate of  
10 withdrawal from the Mountain Home Aquifer exceeds the rate of natural recharge to the aquifer and due  
11 to declining ground water levels, IDWR established the Cinder Cone Butte Critical Ground Water Area in  
12 1981 and the Mountain Home Ground Water Management Area in 1982; and

13  
14 WHEREAS, the State of Idaho recognizes the economic value of the Base to the local and state  
15 economy and supports the United States military in achieving its national security functions; and

16  
17 WHEREAS, the Board purchased senior Snake River water rights and is coordinating with the Base  
18 to develop a pipeline and water treatment plant to deliver treated Snake River water to the Base as a  
19 long-term sustainable water supply to support the Base and its mission (Project); and

20  
21 WHEREAS, the Board terminated the procurement for design-build-operate services to develop  
22 the full Project and Owner's Advisor services on September 28, 2018; and

23  
24 WHEREAS, Board and Base representatives met to develop a revised concept which would split  
25 responsibility for development of Project components such that the Base would construct and operate  
26 the water treatment plant and the Board would construct and operate the pump station and pipeline; and

27  
28 WHEREAS, both parties concluded splitting responsibility for Project components is the most likely  
29 scenario to ensure successful completion of the water delivery Project; and

30  
31 WHEREAS, the Office of the Governor issued a letter on November 6, 2018 supporting the revised  
32 Project concept, and subject to the Legislature's appropriation process and a commitment from the Base,  
33 the State of Idaho will construct and operate the pump station and pipeline; and

34  
35 WHEREAS, the Project will be delivered based on different criteria and specifications than those  
36 presented in the procurement for design-build-operate services; and

37  
38  
39 WHEREAS, a new OPC for construction of the pump station and pipeline will assist the Board with

40 future financial planning efforts; and

41  
42 WHEREAS, Professional Engineering services are required to prepare an OPC, the Professional  
43 Engineer will have experience with construction; and

44  
45 NOW, THEREFORE BE IT RESOLVED that the Board authorizes expenditures from the Secondary  
46 Aquifer Planning Management and Implementation Fund not to exceed \$100,000 for the purposes of  
47 preparing an OPC for construction of the pump station and pipeline; and

48  
49 NOW, THEREFORE BE IT FURTHER RESOLVED that the Board authorizes its chairman or designee,  
50 Brian Patton, Board Executive Officer, to execute the necessary agreements or contracts to continue with  
51 development efforts for the Project.

52  
53 DATED this 28<sup>th</sup> day of November, 2018.

54  
55  
56 \_\_\_\_\_  
57 ROGER CHASE, Chairman  
58 Idaho Water Resource Board

59  
60  
61  
62 ATTEST: \_\_\_\_\_

63  
64  
65 \_\_\_\_\_  
66 VINCE ALBERDI, Secretary

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# Memorandum



To: Idaho Water Resource Board  
From: Neeley Miller  
Date: November 16, 2018  
Re: Status Update on Flood Management Grants

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## **No Action Required**

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House Bill 712 passed and approved by the 2018 Legislature included a FY 2018 transfer of \$1,000,000 from the General Fund to the Water Management Fund in the Department of Water Resources budget. This funding was intended for a grant program administered by the Idaho Water Resource Board to provide competitive grants for flood-damaged stream channel repair, stream channel improvement, flood risk reduction, or flood prevention projects.

Staff received a total of eighteen (18) applications during the two rounds of funding. The applications and sponsor's grant documents were evaluated, scored, and ranked according to criteria adopted by Board. The Board authorized funding for fourteen (14) projects throughout Idaho for a total of \$1,000,000.

See attached table for status of each Flood Grant Award.

<b>Management Grant Awards</b>		<b>Awards</b>	<b>Status</b>
<b>Entity</b>			
Control District 9	\$90,000.00	Contract executed; Design and permitting approval completed and construction in progress	
County	\$121,331.00	Contract executed; Design and permitting approval completed and construction in progress	
County	\$42,336.00	Contract executed; Planning and design in progress	
Control District 10	\$78,400.00	Contract executed; Design completed and permitting approval in progress	
Control District 10	\$153,550.00	Contract executed; Design completed and permitting approval in progress	
Control District 10	\$38,808.00	Contract executed; Design completed and permitting approval in progress	
Soil & Water Conservation District	\$155,220.00	Contract executed; Design completed and construction scheduled to be completed by 12/31/18	
Control District 10	\$22,000.00	Contract executed; Design completed and permitting approval in progress	
Control District 11	\$57,675.00	Contract executed; Survey completed and permitting approval in progress	
Soil/Flood Control District 17	\$7,750.00	Contract executed; Design in progress	
Canal Company	\$85,340	Contract executed; Design completed and construction in progress	
Soil & Water Conservation District	\$115,460	Contract executed; Design in progress	
Village HOA/Garden City	\$6,025	Contract executed; Design completed and permitting approval in progress	
Castello	\$26,105	Contract executed; Design in progress	
<b>Total</b>	<b>\$1,000,000.00</b>		

## Memorandum

To: Idaho Water Resource Board (IWRB)  
From: Neeley Miller, IDWR Planning & Projects Bureau  
Date: November 16, 2018  
RE: Lewiston Regional Deep Aquifer Investigation

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No action required at this time.

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### Background

- Problems of ground-water level decline in shallow basalt aquifers in the areas south and east of Lewiston have been known since the 1990's. The Idaho Department of Water Resources (IDWR) designated the Lindsay Creek Ground Water Management Area (GWMA) in 1992. A larger area of water-level decline in wells completed in shallow basalt aquifers was identified in more recent years by the IDWR. The Lindsay Creek GWMA order was rescinded and the much larger Lewiston Plateau GWMA was designated on May 20, 2013. After considerable public input, a ground water management plan for the Lewiston Plateau GWMA was adopted by IDWR on March 25, 2015. The listed goals of the management plan for the Lewiston Plateau GWMA are as follows: 1) protect existing shallow aquifers from further decline, 2) protect existing and future ground water rights and ground water quality, 3) improve the understanding about the existence and location of the regional and shallow aquifers, 4) encourage education and outreach efforts that promote conservation of the ground water resources and 5) provide reasonable growth opportunities from available water supplies.
- On March 19<sup>th</sup> 2016, the IWRB adopted a resolution approving the expenditure of \$90,000 from the IWRB's Secondary Fund for the analysis of the eastern and southern portions of the Lewiston Ground Water Management Area targeted at improving the understanding, the location, and the yield of the regional deep aquifer (phase one).
- The phase one analysis of the eastern and southern portions of the Lewiston Plateau Ground Water Management Area was completed in April 2017 and it produced important initial data regarding the recharge mechanisms for the Grande Ronde aquifers. However, the analysis identified additional work needed to address questions regarding the sustainability of the Grande Ronde aquifers.
- On May 18, 2017 the IWRB adopted a resolution approving the expenditure of up to additional \$110,000 from the IWRB's Secondary Fund to collect more hydrologic and geologic data to better address questions regarding the sustainability of regional deep aquifer (phase two).
- Dr. Dale Ralston from Ralston Hydrologic Services completed both phases of work and is here today to discuss the results and address any questions.

**BEFORE THE IDAHO WATER RESOURCE BOARD**

IN THE MATTER OF BEAR  
LAKE WATER STORAGE

RESOLUTION TO AUTHORIZE FUNDS

1           WHEREAS, the Bear River flows through the States of Idaho, Wyoming, and Utah. It begins  
2 in the Uinta Mountains of Utah, meanders back and forth between Utah and Wyoming before  
3 entering Idaho near Montpelier and flowing through Idaho to Utah before discharging to the  
4 Great Salt Lake; and

5  
6           WHEREAS, the entire flow of the Bear River is diverted in Idaho at Stewart Dam into Mud  
7 Lake and Bear Lake. The water is subsequently returned to the Bear River’s natural channel; and

8  
9           WHEREAS, the Bear River is subject to an interstate compact dated February 8, 1980 and  
10 codified by Idaho Code 42-3402 (“Bear River Compact”) ; and

11  
12           WHEREAS, the Bear River Compact sets forth, among other things, allocation in the Lower  
13 Division as between Idaho and Utah for future water development, including ground water; and

14  
15           WHEREAS, under the Bear River Compact Idaho has the first right to the remaining water  
16 in the Lower Division resulting in an annual depletion of not more than 125,000 acre-feet, and  
17 Utah has the second right to the remaining water in the Lower Division resulting in an annual  
18 depletion of not more than 225,000 acre-feet ; and

19  
20           WHEREAS, pursuant to the designation of the Bear River Ground Water Management  
21 Area, the Bear River Ground Water Management Plan was prepared by a committee of local  
22 stakeholders and adopted by the Idaho Department of Water Resources (IDWR) in 2003. Among  
23 other recommendations, the Bear River Ground Water Management Plan states: “The advisory  
24 committee recommended preparation of a comprehensive state water plan for the Bear River  
25 Basin in Idaho. A water plan could recommend feasibility studies for new storage facilities and  
26 other water supply enhancements. Additional storage could facility development of the first  
27 125,000 acre-feet of depletion allowed to Idaho in the Bear River Compact. New storage could  
28 be in surface reservoirs or underground as managed aquifer recharge;” and

29  
30           WHEREAS, the Idaho Water Resource Board (IWRB) holds a minimum lake level from the  
31 bottom of Bear Lake to elevation 5,902; and

32  
33           WHEREAS, achieving the ability to store additional water in Bear Lake may entail some  
34 significant challenges, including acquiring or developing downstream flood conveyance capacity

35 in the Gem Valley area, acquiring the ability to utilize the inlet and outlet facilities owned by  
36 PacifiCorp, and renegotiation of the April 18, 2000 Operations Agreement; and  
37

38 WHEREAS, the IWRB adopted a resolution for the Secondary Aquifer Fund 2019 Budget  
39 on May 18, 2018 that included \$250,000 for work in the Bear River Basin; and  
40

41 WHEREAS, on March 23, 2018 the IWRB filed a water right application to store additional  
42 water in Bear Lake for multiple purposes; and  
43

44 WHEREAS, IWRB negotiations with Utah and Wyoming are ongoing. As part of the  
45 negotiations the parties wish to model various operational scenarios with the RiverWare  
46 modeling software; and  
47

48 WHEREAS, the cost to purchase a two year RiverWare license and software training for  
49 one IDWR staff member is \$13,000; and  
50

51 NOW, THEREFORE BE IT RESOLVED that the IWRB authorizes the expenditure of \$13,000  
52 from the Secondary Aquifer Fund for the purchase of a two year RiverWare license and software  
53 training for one IDWR staff member.

DATED this 28 day of November, 2018.

\_\_\_\_\_  
ROGER W. CHASE, Chairman  
Idaho Water Resource Board

ATTEST \_\_\_\_\_  
VINCE ALBERDI, Secretary

# 2011

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# IWRB Meetings 2012

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State Holidays     
  Board Meetings     
  Comm of Nine     
  Bear River Comm     
  IWUA     
  WSWC

IWRB Committee Meeting

2012 IWRB dates are tentative and marked to coincide with IWUA events

# IWRB January 2013 through December 2013

JANUARY (2013)						
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State Holidays
  Board Meetings
  Comm of Nine
  Bear River Comm
  IWUA
  WSWC

2013 IWRB dates are tentative and marked to coincide with IWUA events

IWRB Committee Meeting

## 2013 Calendar Items

<u>Date</u>	<u>Event</u>	<u>Date</u>	<u>Event</u>
1-Jan	State holiday	8-Aug	Water Storage Projects Committee Meeting and Tour
3-Jan	Board Teleconference Meeting	29-Aug	Streamflow Committee Meeting and Lemhi Field Tour
17-Jan	Committee of Nine	2-Sep	State holiday
21-Jan	State holiday	19,20-Sep	Board Meeting- Montpelier
22-24-Jan	IWUA Annual Convention	2-4-Oct	WSWC Council Meeting
24,25-Jan	Board Meeting	14-Oct	State holiday
15-Feb	Board Teleconference Meeting	11-Nov	State holiday
18-Feb	State holiday	19,20-Nov	Board Meeting
4,5-Mar	Committee of Nine	21,22-Nov	IWUA Water Law Seminar
6-Mar	Board Teleconference Meeting	28-Nov	State holiday
7-Mar	Upper Snake River Advisory Committee Meeting	25-Dec	State holiday
20-Mar	Water Supply Bank Committee Meeting		
21,22-Mar	Board Meeting		
3-5-Apr	WSWC Spring Council Meeting		
11-Apr	Upper Snake River Advisory Committee Meeting		
24-Apr	Board Teleconference Meeting		
3-May	Streamflow Enhancement and Minimum Streamflow Committee		
8-May	Water Resource Planning Committee		
16,17-May	Board Meeting- Twin Falls		
27-May	State holiday		
17,18-Jun	IWUA Law Seminar - Sun Valley		
19-Jun	Board Meeting		
24-26-Jun	WSWC Council Meeting		
4-Jul	State holiday		
11-Jul	Financial Programs Committee Meeting		
18,19-Jul	Board Meeting		

# IWRB 2014 Calendar

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JANUARY (2015)						
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State Holidays



Board Meetings



Comm of Nine



Bear River Comm



IWUA



WSWC



IWRB Committee Meeting or Tour

2014 IWRB dates are tentative and marked to coincide with IWUA events

**2014 Calendar Items**

<u>Date</u>	<u>Event</u>
1-Jan	State Holiday
10-Jan	Streamflow Enhancement and Minimum Streamflow Committee
20-Jan	State Holiday
21-23-Jan	IWUA Annual Convention
23,24-Jan	Board Meeting
30-Jan	Committee of Nine Meeting
5-Feb	Board Meeting (Teleconference)
7-Feb	Water Resource Planning Committee
17-Feb	State Holiday
26-Feb	Water Resource Planning Committee
27-Feb	Upper Snake River Advisory Committee
3-Mar	Committee of Nine Meeting
6-Mar	Water Supply Bank Committee
20-Mar	Financial Programs Committee
20,21-Mar	Board Meeting
2-Apr	Mtn. Home AFB Tour
1-4-Apr	Western States Water Council Meeting
11-Apr	Upper Snake River Advisory Committee
15-Apr	Water Resource Planning Committee
13-May	Water Resource Planning Committee
14,15-May	Hells Canyon Tour
7-May	Board Meeting (Teleconference)
16-May	Board Meeting
22-May	Board Meeting (Teleconference)
26-May	State Holiday
23,24-Jun	IWUA Summer Water Law & Resource Issues Seminar
24-Jun	IWRB Work Session: Wood River Valley
4-Jul	State Holiday
22-May	Board Meeting (Teleconference)
15-18-Jul	Western States Water Council Meeting
17,18-Jul	Board Meeting
15-Aug	Cloud Seeding Committee
20-Aug	Board Meeting (Teleconference)
1-Sep	State Holiday

<u>Date</u>	<u>Event</u>
11-Sep	Water Storage Projects Committee
22, 23-Sep	Board Meeting
9-Oct	Water Supply Bank Committee
13-Oct	State Holiday
23-Oct	Water Resource Planning Committee
4,5-Nov	Board Meeting
6,7-Nov	IWUA Annual Water Law Seminar
11-Nov	State Holiday
12-Nov	Board Meeting (Teleconference)
27-Nov	State Holiday
24-Dec	Board Meeting (Teleconference)
25-Dec	State Holiday
1-Jan	State Holiday
20-22, Jan	IWUA Annual Convention
22,23-Jan	Board Meeting









# IWRB 2015 Calendar

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FEBRUARY						
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NOVEMBER						
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DECEMBER						
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State Holidays



Board Meetings



Comm of Nine



Bear River Comm



IWUA



WSWC



IWRB Committee Meeting or Tour

2015 IWRB dates are tentative and marked to coincide with IWUA events

**2015 Calendar Items**

<u>Date</u>	<u>Event</u>	<u>Date</u>	<u>Event</u>
1-Jan	State Holiday	3-Jul	State Holiday
7-Jan	Water Supply Bank Committee	13,14-Jul	Board Meeting (Post Falls)
15-Jan	Upper Snake River Advisory Committee	4-Aug	Water Resource Planning Committee
19-Jan	State Holiday	4-Aug	Financial Programs Committee
20-22-Jan	IWUA Annual Convention	21-Aug	Water Supply Bank Committee
22,23-Jan	Board Meeting (Boise)	7-Sep	State Holiday
29-Jan	Committee of Nine Meeting	14-Sep	Aquifer Stabilization Committee
10-Feb	Upper Snake River Advisory Committee	17,18-Sep	Board Meeting (Twin Falls)
13-Feb	Board Meeting (Teleconference)	12-Oct	State Holiday
16-Feb	State Holiday	11-Nov	State Holiday
24-Feb	RP CAMP Advisory Committee	16,17-Nov	Board Meeting (Boise)
25-Feb	Upper Snake River Advisory Committee	18-20-Nov	IWUA Seminar
2,3-Mar	Committee of Nine Meeting	26-Nov	State Holiday
13-Mar	Streamflow Enhancement Committee	25-Dec	State Holiday
19,20-Mar	Board Meeting (Boise)		
20-Mar	Water Resource Planning Committee		
8-Apr	Upper Snake River Advisory Committee		
9-Apr	Board Meeting (Teleconference)		
15-17-Apr	Western States Water Council Meeting		
21-Apr	Bear River Commission Meeting		
28-Apr	Aquifer Stabilization Committee and Financial Programs Committee (Burley)		
20-May	Water Resource Planning Committee (Idaho Falls)		
21,22-May	Board Meeting (Idaho Falls)		
25-May	State Holiday		
4-Jun	Upper Snake River Advisory Committee		
22,23-Jun	IWUA Summer Water Law & Resource Issues Seminar		
25-Jun	Upper Snake River Advisory Committee		







# IWRB 2016 Calendar

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-  State Holidays
-  Board Meetings
-  Comm of Nine
-  Bear River Comm
-  IWUA
-  WSWC
-  IWRB Committee Tour
-  IWRB Committee Meeting
-  Hearings

## 2016 Calendar Items

<u>Date</u>	<u>Event</u>
1-Jan	State Holiday
11-Jan	Legislative Session begins
13-Jan	Upper Snake River Advisory Committee Meeting
18-Jan	State Holiday
19-Jan	Aquifer Stabilization Committee Meeting
19-21-Jan	IWUA Annual Convention
21-22-Jan	Board Meeting (Boise)
28-Jan	Committee of Nine Meeting
15-Feb	State Holiday
24-Feb	Upper Snake River Advisory Committee Meeting
29-Feb	Committee of Nine Meeting
1-Mar	Water District 1 Annual Meeting
16-Mar	Streamflow Committee Meeting & Planning Committee (Boise)
17-18-Mar	Board Meeting (Boise)
21-25-Mar	Western States Water Council Spring Meeting
19-Apr	Bear River Commission Meeting
20-Apr	Upper Snake River Advisory Committee Meeting
6-May	Joint Comm Meeting: Finance/AQS (Jerome)
18-May	Water Storage Comm Meeting (Boise)
19-20-May	Board Meeting (Boise)
30-May	State Holiday
7-Jun	State Water Plan Hearing (Boise)
13-Jun	State Water Plan Hearing (Hailey)
13-14-Jun	IWUA Summer Water Law & Resource Issues Seminar
28-Jun	AQS Comm & Spec Board Meeting (Jerome); SWP Hearing (Twin Falls)
4-Jul	State Holiday
13-15-Jul	Western States Water Council Meeting
20-Jul	State Water Plan Hearing (Sandpoint)
21-22-Jul	Board Meeting (Sandpoint)
23-Aug	State Water Plan Hearing (Lewiston)
30-Aug	State Water Plan Hearing (Idaho Falls)
5-Sep	State Holiday
7-Sep	Upper Snake River Advisory Committee Meeting
9-Sep	Financial Programs Comm Meeting (Jerome)
14-Sep	State Water Plan Hearing (Chubbuck)

<u>Date</u>	<u>Event</u>
15-16-Sep	Board Meeting (Pocatello)
28-30-Sep	Western States Water Council Meeting
5-Oct	Planning Committee Meeting (Boise)
10-Oct	State Holiday
1-2-Nov	Board Meeting (Boise)
3-4-Nov	IWUA Seminar
11-Nov	State Holiday
15-Nov	Bear River Commission Meeting
24-Nov	State Holiday
26-Dec	State Holiday









# IWRB 2017 Calendar

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OCTOBER						
S	M	T	W	T	F	S
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22	23	24	25	26	27	28
29	30	31				

NOVEMBER						
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DECEMBER						
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10	11	12	13	14	15	16
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24	25	26	27	28	29	30
31						

-  State Holidays
-  Board Meetings
-  Comm of Nine
-  Bear River Comm
-  IWUA
-  WSWC
-  Hearings
-  IWRB Committee Tour
-  IWRB Committee Meeting

## 2017 Calendar Items

<u>Date</u>	<u>Event</u>	<u>Date</u>	<u>Event</u>
1-Jan	State Holiday		
9-Jan	Legislative Session begins		
16-Jan	State Holiday		
19-Jan	Committee of Nine Meeting (Pocatello)		
23-24-Jan	Board Meeting (Boise)		
25-26-Jan	IWUA Annual Convention		
20-Feb	State Holiday		
6-7-Mar	Committee of Nine Meeting (Idaho Falls)		
23-24-Mar	Board Meeting (Boise)		
12-14-Apr	Western States Water Council Spring Meeting (Nebraska)		
18-19-May	Board Meeting (Lewiston)		
29-May	State Holiday		
12-13-Jun	IWUA Summer Water Law Seminar (Sun Valley)		
27-29-Jun	Western States Water Council Meeting (California)		
4-Jul	State Holiday		
27-28-Jul	Board Meeting (Idaho Falls)		
4-Sep	State Holiday		
14-15-Sep	Board Meeting (Boise)		
25-27-Sep	CBWTP Annual Meeting (Salmon)		
9-Oct	State Holiday		
7-8-Nov	Board Meeting (Boise)		
9-10-Nov	IWUA Annual Convention		
23-Nov	State Holiday		
25-Dec	State Holiday		







# IWRB 2019 Calendar

JANUARY						
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FEBRUARY						
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24	25	26	27	28		

MARCH						
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APRIL						
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28	29					

MAY						
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JUNE						
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JULY						
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AUGUST						
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SEPTEMBER						
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OCTOBER						
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NOVEMBER						
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DECEMBER						
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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

 State Holidays

 Board Meetings

 Comm of Nine

 IWUA

 WSWC

 IWRB Tour

 IWRB Committee Meeting

 Hearings

updated 11/16/18

## 2019 Calendar Items

<u>Date</u>	<u>Event</u>	<u>Date</u>	<u>Event</u>
1-Jan	State Holiday		
8-Jan	Legislative Session begins		
21-Jan	State Holiday		
31-Jan	Committee of Nine Meeting		
22-25-Jan	IWUA Annual Convention		
25-26-Jan	Board Meeting (Boise)		
18-Feb	State Holiday		
4-Mar	Committee of Nine Meeting		
5-Mar	Committee of Nine Meeting		
20-22-Mar	Western States Water Council Spring Meeting		
21-22-Mar	Board Meeting (Boise)		
9-10 May	Board Meeting (Lewiston)		
27-May	State Holiday		
10-11-June	IWUA Summer Water Law Seminar (Sun Valley)		
4-Jul	State Holiday		
25-26-Jul	Board Meeting (Rexberg)		
2-Sep	State Holiday		
13-14-Sep	Board Meeting (Boise)		
14-Oct	State Holiday		
7-8-Nov	Board Meeting (Boise)		
28-Nov	State Holiday		
25-Dec	State Holiday		