

### **IDAHO WATER RESOURCE BOARD**

### MEETING NO. 1 - 17 January 23-24, 2017 BOISE



Ron Abramovich, Natural Resources Conservation Service Hydrologist, takes a snow core sample at Mores Creek Summit with Rex Barrie, Water District 63 Water Master; and Mark Zirschky, Pioneer Irrigation Superintendent.

Photo Credit: Ron Abramovich, NRCS

Idaho Water Center Boise, Idaho

### MEDIA



**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

Charles "Chuck" Cuddy Orofino At Large

Albert Barker Boise District 2

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

**Dale Van Stone** Hope District 1

### AGENDA Idaho Water Resource Board

Board Meeting No. 1-17 January 24, 2017 8:00 a.m. Idaho Water Center Conference Rooms B, C & D 322 E Front Street BOISE

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. Executive Session is closed to the public. Topics: N.I.A., Hells Canyon Relicensing, Wood River, Lemhi, and Recharge water rights

Following adjournment of Executive Session – meeting reopens to the public.

- 3. Board Member Elections
- 4. Agenda & Approval of Minutes
- 5. Water Right Protest Settlements
- 6. Public Comment
- 7. Report on Legislation of Interest
- 8. Financial Update
- 9. Water Transactions
- 10. Water Supply Bank
- 11. Boise River Feasibility Study
- 12. Weiser River Lost Valley Reservoir Measurement Project
- 13. IWRB Annual Report
- 14. Director's Report
- 15. Non-Action Items for Discussion
- 16. Next Meeting & Adjourn

#### 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 <u>nikki.regent@idwr.idaho.gov</u> or by phone at (208) 287-4800.

MATERIALS MAY BE PROVIDED AT THE

IWRB MEETING



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

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At Large

#### **Albert Barker**

Boise District 2

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

#### **Dale Van Stone** Hope District 1

AGENDA Idaho Water Resource Board

> Board Meeting No. 8-16 December 22, 2016 3:00 p.m. Idaho Water Center Director's Conference Room 648A 322 E Front Street BOISE

- 1. Roll Call
- 2. Pristine Springs
- 3. Non-Action Items for Discussion
- 4. Next Meeting & Adjourn

Some Board Members may participate by teleconference.

#### Americans with Disabilities

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## Мемо

To:	Idaho Water Resource Board
From:	Brian Patton
Subject:	Financial Status Report
Date:	January 12, 2017

As of December 1st the IWRB's available and committed balances are as follows:

Secondary Aquifer Fund:		
Committed/earr	marked but not disbursed	\$13,813,620
Loan principal of	outstanding	\$4,000,000
Uncommitted B	Balance	\$4,385,881
Revolving Development Acco	unt <sup>.</sup>	
Committed/ear	marked but not disbursed	\$22 797 381
Loan principal of	outstanding	\$21,573,688
Uncommitted B	Balance	\$1,180,747
Anticipated loa	nable funds available next 1 year	\$2,880,747
Water Management Account		
Committed/earr	marked but not disbursed	\$111,376
Uncommitted E	Balance	\$9,915

Total committed/earmarked but not disbursed	\$36,722,377
Total loan principal outstanding	\$25,573,688
Total uncommitted balance	\$5,576,543

Loan applications that we are tracking include:

Potential Applicant	Project	Loan Amount	Comment
Big Wood Canal Company	Pipe major lateral near Dietrich	\$1.4M	Scheduled for March IWRB meeting
North Fremont (Marysville) Canal Company	Continue installing gravity-pressure pipe system	\$2.5M	<ul> <li>Anticipate NRCS match</li> <li>IWRB financed prior phases of project</li> </ul>
Samaria Water & Irrigation Company	Pipe delivery system	\$1.9M	<ul> <li>Summer IWRB consideration</li> <li>Applying for BOR WaterSmart grant of \$1M</li> </ul>

Idaho Water Resource Board Budget and Committed Funds

as of November 30, 2016 SECONDARY AQUIFER PLANNING, MANAGEMENT, & IMPLEMENTATION

FYE 2014 Cash Balance	8,599,730.32

#### FY 2015 Revenue

FY 2015 Revenue	
Interest Earned	(16,561.89)
HB618 - Pristine Springs Transfer	716,000.00
HB547 - State Recharge & Aquifer Stabilization (SRAS)	5,000,000.00
TOTAL FY 2015 REVENUE	5,699,438.11

FY 2015 Expenditures	Approved	Amendød	Obligated	Expenditures	Carry forward	Balance
Milner Gooding Concrete Flume Analysis (AFRD2)				(18,000.88)		
Milner Gooding Canal Road Improvements (AFRD2)				(176,880.00)		
Environmental Studies for Lake Walcott (A&B Irrigation)				(113,163.84)		
Engineering Studies for Murtaugh Reservoir (Twin Falls Canal Co)				(10,859.53)		
Lower Snake River Aquifer Recharge District (Test Holes)				(40,712.99)		
Lower Snake River Aquifer Recharge District (Recharge Site Pump Test)				(3,000.00)		
Engineering Studies for Wilson Lake (North Side Canal Company)				(34,389.11)		
Reconveyance Costs				(435,709.11)		
Monitoring Costs				(5,300.00)		
Hydrology Monitoring Costs				(600.00)		
Operating Costs				(50,968.22)		
North Idaho Studies				(111,156.60)		
Pristine Springs Transfer Expenditures				(404,927.05)		
Magic Springs Pipeline loan	1,260,000.00			(1,260,000.00)		0.00
TOTAL FY 2015 EXPENDITURES	1,260,000.00			(2,665,667.33)	0.00	0.00

FY 2015 Committed Funds	Approved	Amended	Obligated	Expenditures	Carry forward	Balance
Pristine Springs Transfer	717,649.97		_	(556,190.67)		161,459.30
Water User Contribution	109,493.16		109,493.16	(106,537.50)		2,955.66
ESPA CAMP (HB479)	4,000,000.00		4,000,000.00	(1,934,704.68)		2,065,295.32
Northern Idaho Future Water Needs Studies (HB479)	500,000.00		500,000.00	(315,148.55)		184,851.45
Cooperative Weather Modification Program (Cloud Seeding)	492,000.00		492,000.00	(488,378.64)	3,621.36	0.00
Public Information Services (Steubner)	55,000.00		55,000.00	(13,641.25)	41,358.75	0.00
GWD Bond Prepatory Expenses	19,537.50		19,537.50		19,537.50	0.00
Five-Year Managed Recharge Pilot Program	1,500,000.00			(1,429,560.23)		70,439.77
Measurement devices for AWEP conversion projects	200,000.00		200,000.00	(16,455.21)		183,544.79
TOTAL FY 2015 COMMITTED FUNDS	7,593,680.63			(4,860,616.73)	64,517.61	2,668,546.29
TOTAL FY 2015 CARRY FORWARD	*********				64,517.61	

#### FY 2016 Revenue

Interest Earned	61,966.35
HB547 - State Recharge & Aquifer Stabilization (SRAS)	5,000,000.00
SB1190 - Water Sustainability	500,000.00
TOTAL FY 2016 REVENUE	5,561,966.35

FY 2016 Budget	Approved	Amended	Obligated	Expenditures	Carry forward	Balance
ESPA Managed Recharge Operations						
Administrative Costs	50,000		50,000.00	(17,669.34)	32,330.66	0.00
Conveyance Costs	700,000		700,000.00	(0.03)	699,999.97	0.00
Equipment	81,000		B1,000.00	(63,379.75)		17,620.25
Site Monitoring	219,000		219,000.00	(121,959.54)	97, <b>040.46</b>	0.00
Regional Monitoring	200,000		200,000.00	(200,000.00)		0.00
Total ESPA Managed Recharge Operations	1,250,000			(403,008.66)	829,371.09	17,620.25
ESPA Managed Recharge Infrastructure						
Milner-Gooding concrete flume	700,000		700,000. <b>00</b>	(700,000.00)		0.00
Milner-Gooding Dietrich Drop hydro plant bypass	50,000	1,450,000.00	1,500,000.00	(11,844.95)		1,488,155.05
Twin Falls Canal recharge improvements	500,000		500,000.00		500,000.00	0.00
Northside canal hydro plant bypasses	2,000,000		2,000,000.00	0.00	2,000,000.00	0.00
Great Feeder Canal recharge improvements	500,000		500,000.00	0.00	500,000.00	0.00
Ecin Recharge Enlargement	500,000	500,000.00	1,000,000.00	0.00	1,000,000.00	0.00
Milner-Gooding Expansion of MP31 Recharge Site	200,000		200,000.00	(21,375.90)	178,624.10	0.00
Milner-Gooding Canal Road Improvements MP31 to Shoshone Recharge	150,000		150,000.00	(116,773.00)		33,227.00
Jensen Grove	26,527		26,527.00	0.00	26,527.00	0.00
SRVID Monitoring	5,000		5,000.00		5,000.00	0.00
Remaining Funds	1,618,473	(1,618,473.00)				
Total ESPA Managed Recharge Infrastructure	6,250,000	331,527.00	6,581,527.00	(849,993.85)	4,210,151.10	1,521,382.05
Annaged Recharge Investigations						
Dietrich Drop Hydro Plant Options Study	30,064		30,064.00	0.00	30,064.00	0.00
Milner-Gooding Expansion of MP31 Recharge Site Study	36,500		36,500.00	0.00	36,500.00	0.00
De-icina Study	26,000		26,000.00	0.00	26,000.00	0.00
Remaining Funds	171,004		171,004.00		171,004.00	0.00
Total Managed Recharge Investigations	263,568		<b>263,568</b> .00	0.00	263,568.00	0.00
STATE-WIDE						
Ground water conservation grants in priority aquifers (Roger's proposal)	200,000		200,000.00	(10,053.00)		189,947.00
Freasure Valley Star Study	25,000		25,000.00			25,000.00
Freasure Valley Supply Option	100,000		100,000.00	(13,200.00)		86,800.00
Cloud Seeding	200,000		200,000.00		200,000.00	0.00
Eimore County,	65,000		65,000.00	(45,000.00)		20,000.00
Murphy Gage Forecasting Tool	99,403		99,403.00	(13,326.76)		86,076.24
Amount reserved for projects in other priority aquifers	710,597		0.00		1,000,000.00	(1,000,000.00)
STATE-WIDE TOTAL	1,400,000			(81,579.76)	1,000,000.00	(592,176.76)
Negic Springs Pipeline Ioan				(2,740,000.00)	(2,740,000.00)	
FY 2016 CARRY FORWARD				*****	3,563,090.19	
TOTAL FY 2016 COMMITTED FUNDS					-	946,825.54

#### FY 2017 Revenue

Interest	48,282.64	
H8547 - State Recharge & Aquifer Stabilization (SRAS)	2,397,915.21	
SB1402, Sec 4 - Water Sustainability	2,500,000.00	
SB1402, Sec 5 - Water Sustainability	5,000,000.00	
TOTAL FY 2017 REVENUE	9,946,197.85	

FY 2017 Budget	Approved	Amended	Obligated	Expenditures	Carry forward	Balance
ESPA Managed Recharge Operations			4 500 000 00			4 500 000 00
Conveyance Cost	1,500,000		1,500,000.00			1,500,000.00
Equipment & Supplies	87,000		87,000.00	100 047 55		87,000.00
Site Monitoring	114,000		114,000.00	(89,617.55)		24,382.45
Regional Monitoring	200,000		200,000.00	(40,836.61)		159,163.39
Total ESPA Managed Recharge Operations	1,901,000	0.00	1,901,000.00	(130,454.16)	0.00	1,770,545.84
ESPA Managed Recharge Infrastructure				(1 10 007 00)		4 050 040 40
NSCC Wilson Lake Infrastructure Project	4,000,000	800,000.00	4,800,000.00	(140,687.82)		4,659,312.18
SWID Recharge Project	1,000,000	(400,000.00)	800,000.00	11 10 000 001		600,000.00
MP31 Check Dam	1,000,000		1,000,000.00	(142,090.35)		857,909.65
Egin Lakes Phase II	500,000		500,000.00			500,000.00
Reserved for Additional Recharge Projects	1,000,000	(400,000.00)	600,000.00			600,000.00
Total ESPA Managed Recharge Infrastructure	7,500,000	0.00	7,500,000.00	(282,778.17)	0.00	7,217,221.83
Managed Recharge Investigations						
ASCC Recharge Feasibility	300,000					300,000.00
South Fork Engineering & Site Evaluation	200,000					200,000.00
NSID Recharge Feasibility	200,000					200,000.00
Reserved for additional investigations and engineering	300,000					300,000.00
Total Managed Recharge Investigations	1,000,000	0.00	0.00	0.00	0.00	1,000,000.00
TREASURE VALLEY						
Treasure Valley Modeling	500,000		500,000.00			500,000.00
Treasure Valley Recharge Study	200,000		200,000.00	(3,181.25)		196,818.75
Anderson Ranch Reservoir Enlargement Study	100,000					100,000.00
Boise Project Board of Control		68,168.28	86,168.28	(47,506.46)		38,661.82
Treasure Valley DCMI Water Conservation Study	200,000					200,000.00
TREASURE VALLEY TOTAL	1,000,000	86,168.28	786,168.28	(50,687.71)	0.00	1,035,480.57
WOOD RIVER VALLEY						
Wood River Valley Aquifer Ground Water Model Enhancements	200.000		200,000.00			200,000.00
WOOD RIVER VALLEY TOTAL	200,000	0.00	200,000.00	0.00	0.00	200,000.00
WEISER BASIN						
Weiser Basin Project	200.000					200.000.00
WEISER BASIN TOTAL	200.000	0.00	0.00	0.00	0.00	200,000.00
						-
NORTHERN IDAHO AQUIFERS						
Reserve for additional investigations related to Northern Idaho Aquifers	109,273					109,273.00
Idaho Washington Collaberative		10,000.00	10,000.00	(10,000.00)		0.00
NORTHERN IDAHO AQUIFERS TOTAL	109,273	10,000.00	0.00	0.00	0.00	109,273.00
STATE-WIDE						
Aquifer monitoring network enhancements in priority aquifers	100.000					100,000.00
NRCS Snow Survey contribution	100.000	100,000.00	200,000.00			200,000.00
Cooperative Cloud Seeding Program.	600.000	· ·-	600,000.00	(600,000.00)		0.00
Ground water conservation grants in priority aquifers.	200,000					200,000.00
Administrative expenses (public information, stalf training, etc.,	75,000		75,000.00			75,000.00
STATE-WIDE TOTAL	1,075,000	100,000.00	875,000.00	(600,000.00)	0.00	575,000.00
Unspecified Projects in Other Areas or Carry-over	1,459,062	(196,168.28)				1,262,893.72

TOTAL FY 2017 BUDGETED FUNDS	14,444,335	0.00	11,262,168.28	(1,063,920.04)	0.00	13,370,414.96	
TOTAL FY 2017 COMMITTED FUNDS						10,198,248.24	
SECONDARY FUND AVAILABLE BALANCE				,			4,385,881.23

#### IDAHO WATER RESOURCE BOARD Sources and Applications of Funds as of November 30, 2016 REVOLVING DEVELOPMENT ACCOUNT

HEVULVING DEV	ELOPMENTACCUUNT	
Original Appropriation (1969)	\$50	0,000.00
Legislative Audits		49,404.4
IWRB Bond Program	(\$	15,000.0
Legislative Appropriation FY90-91		50,000.0
Legislative Appropriation FY91-92		80,700.0
Legislative Appropriation FY93-94		00,000.00
WRB Studies and Projects		49,067.1
Loan Interest	\$8,70	66,294.3
Interest Earned State Treasury (Transferred)		09,806.0
Filing Fee Balance		47,640.2
Bond Fees		59,601.4
Arbitrage Calculation Fees	(\$	12.000.0
Protest Fees	·····	(\$845.)
Series 2000 (Caldwell/New York) Pooled Bond Issuers fees		43.657.9
2012 Ground Water District Bond Issuer fees		77.000.0
Bond Issuer fees	\$	25,857
Attorney fees for Jugbandle LID.	(	\$3,600
Attomey fees for A&B Industrian	1	\$4 637
Water Supply Bank Receipts	SA 9	66 057
Lenislative Appropriation EY01	\$2	
Pierce Well Easement	······································	\$2,000
Transferred to/from Water Management Account	\$Q.	17 259
Legisletive Appropriation 2004 HB843		11,200.
Legislative Appropriation 2009, PD 1511 Cos 9, Tatap/Minidaka Studiog	්දියා මෙය ස	
Legislative Appropriation 2009, SD 1511 Sec 2, Tetor/Miniutka Studies		
Legislative Appropriation 2009, SB 1511 Sec 2, Tetoryminidoka Studies Expendituri Melean Celleurati Studiu IIC Array Correct of Engineera	(\$1,2)	29,460.
Preiser Galloway Bludy - US Anny Corps Of Englise/S	(\$1,5	53,047. 58,047.
Dotted Storage Feasibility Study,		33,000.
Bright and Environmental (Transducers)		\$0,402.
mest Lake improvement Study (16-Mar-16)		(\$479.0
Legislauve Appropriation 2014, HB 479 Sec 1 and 2.	\$10,5	00,000.
Appraisal (Lemoyne Appraisal LLC).	(\$	10,500.0
Payment to JR Simplot Co for water rights		00,000.0
WRB WSB Lease Application		(\$750.)
Mountain Home Misc Costs		13,135.4
Galloway Dam & Reservoir Project (HB 479)		24,708.
Water District 02 Assessments for Mtn Home		\$2,078.
Boise River (Arrowrock Enlargement) Feasibility Study (HB479)		43,999.
Island Park Enlargement (HB 479)		55,947.8
Water Supply Bank Computer Infrastructure (HB 479)		92,550.1
Treasureton Irrigation Ditch Co		\$5,000.0
Aqualife Hatchery Sub-Account		
Aqualife Hatchery, HB644, 2014	(\$1,885,000.00)	
Aqualife Lease receipt from Seapac	\$114 720 00	
	WIIT// 60.00	
Tax Payments	(\$1,419,15)	
Tax Payments Lemovne Appraisal for Aqualife facility	(\$1,419.15) (\$10,500.00)	
Tax Payments Lemoyne Appraisal for Aqualife facility Loan payments received.	(\$1,419.15) (\$10,500.00) \$1,929,406,31	
Tax Payments Lemoyne Appraisal for Aqualife facility Loan payments received Loans Outstanding	(\$1,419.15) (\$10,500.00) \$1,929,406.31	
Tax Payments Lemoyne Appraisal for Aqualife facility Loan payments received Loans Outstanding ESPA Ground Water Districts (Aqualife purchase)	(\$1,419.15) (\$10,500.00) \$1,929,406.31 \$970.593.69	
Tax Payments Lemoyne Appraisal for Aqualife facility Loan payments received Loans Outstanding ESPA Ground Water Districts (Aqualife purchase)	(\$1,419.15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69	
Tax Payments Lemoyne Appraisal for Aqualife facility Loan payments received Loans Outstanding ESPA Ground Water Districts (Aqualife purchase) Total Loans Outstanding Balance Aqualife Hatchery Sub-Account.	(\$1,419,15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69	
Tax Payments Lemoyne Appraisal for Aqualife facility Loan payments received Loans Outstanding ESPA Ground Water Districts (Aqualife purchase) Total Loans Outstanding Balance Aqualife Hatchery Sub-Account	(\$1,419.15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$147,207.16	
Tax Payments Lemoyne Appraisal for Aqualife facility Loan payments received Loans Outstanding ESPA Ground Water Districts (Aqualife purchase) Total Loans Outstanding Balance Aqualife Hatchery Sub-Account	(\$1,419.15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$147,207.16	
Tax Payments Lemoyne Appraisal for Aqualife facility Loan payments received Loans Outstanding ESPA Ground Water Districts (Aqualife purchase) Total Loans Outstanding Balance Aqualife Hatchery Sub-Account Legislative Appropriation 2005. HB392	(\$1,419.15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$970,593.69 \$970,593.69 \$970,593.69 \$970,593.69 \$970,593.69	
Tax Payments Lemoyne Appraisal for Aqualife facility Loan payments received Loans Outstanding ESPA Ground Water Districts (Aqualife purchase) Total Loans Outstanding Balance Aqualife Hatchery Sub-Account Legislative Appropriation 2005, HB392 Interest Famou State Transport	(\$1,419.15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$970,593.69 \$970,593.69 \$970,593.69 \$970,593.69 \$970,593.69 \$970,593.69 \$970,593.69 \$970,593.69	
Tax Payments Lemoyne Appraisal for Aqualife facility Loan payments received Ease Served Standing ESPA Ground Water Districts (Aqualife purchase) Total Loans Outstanding Balance Aqualife Hatchery Sub-Account Bell Rapids Water Rights Sub-Account Legislative Appropriation 2005, HB392 Interest Eamed State Treasury Boll Banide Burbace	(\$1,419.15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$147,207.16 \$21,300,000.00 \$633,614.18 (\$16,000,552.20)	
Tax Payments Lemoyne Appraisal for Aqualife facility Loan payments received Loans Outstanding ESPA Ground Water Districts (Aqualife purchase) Total Loans Outstanding Balance Aqualife Hatchery Sub-Account Bell Rapids Water Rights Sub-Account Legislative Appropriation 2005, HB392 Interest Eamed State Treasury Bell Rapids Purchase Purchase	(\$1,419.15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$970,593.69 \$147,207.16 \$21,300,000.00 \$693,614.18 (\$16,006,558.00) \$693,614.18	
Tax Payments Lemoyne Appraisal for Aqualife facility Loan payments received Loans Outstanding ESPA Ground Water Districts (Aqualife purchase) Total Loans Outstanding Balance Aqualife Hatchery Sub-Account Legislative Appropriation 2005, HB392 Interest Earned State Treasury Bell Rapids Purchase Bureau of Reclamation Principal Amount Lease Payment Paid	(\$1,419.15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$970,593.69 \$147,207.16 \$21,300,000.00 \$693,614.18 (\$16,006,558.00) \$8,294,337.54	
Tax Payments Lemoyne Appraisal for Aqualife facility Loan payments received Loans Outstanding ESPA Ground Water Districts (Aqualife purchase) Total Loans Outstanding Balance Aqualife Hatchery Sub-Account Bell Rapids Water Rights Sub-Account Legislative Appropriation 2005, HB392 Interest Earned State Treasury Bell Rapids Purchase Bureau of Reclamation Principal Amount Lease Payment Paid Bureau of Reclamation Interest Paid	(\$1,419.15) (\$1,600.00) \$1,929,406.31 \$970,593.69 \$970,5930,59 \$970,593.69 \$970,5950,59 \$970,5950,5950	
Tax Payments Lemoyne Appraisal for Aqualife facility Loan payments received Loans Outstanding ESPA Ground Water Districts (Aqualife purchase) Total Loans Outstanding Balance Aqualife Hatchery Sub-Account Bell Rapids Water Rights Sub-Account Legislative Appropriation 2005, HB392 Interest Earned State Treasury Bell Rapids Purchase Bureau of Reclamation Principal Amount Lease Payment Paid Bureau of Reclamation Interest Paid Bureau of Reclamation Remaining Amount Lease Payment Paid	(\$1,419.15) (\$1,600,000) \$1,929,406.31 \$970,593.69 \$970,593.69 \$147,207.16 \$21,300,000.00 \$693,614.18 (\$16,006,558.00) \$8,294,337.54 \$179,727.97 \$9,142,649.54	
Tax Payments Lemoyne Appraisal for Aqualife facility Loans payments received Loans Outstanding ESPA Ground Water Districts (Aqualife purchase) Total Loans Outstanding Balance Aqualife Hatchery Sub-Account Legislative Appropriation 2005, HB392 Interest Earned State Treasury Bell Rapids Purchase Bureau of Reclamation Principal Amount Lease Payment Paid Bureau of Reclamation Interest Paid Bureau of Reclamation Remaining Amount Lease Payment Paid First Installment Payment to Bell Rapids	(\$1,419,15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$970,593.69 \$970,593.69 \$147,207.16 \$21,300,000.00 \$693,614.18 (\$16,006,558.00) \$8,294,337.54 \$179,727.97 \$9,142,649.54 (\$1,313,236.00)	
Tax Payments Lemoyne Appraisal for Aqualife facility Loans payments received	(\$1,419.15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$970,593.69 \$970,593.69 \$147,207.16 \$21,300,000.00 \$693,614.18 (\$16,006,558.00) \$3,294,337.54 \$179,727.97 \$9,142,649.54 (\$1,313,236.00) (\$1,313,236.00)	
Tax Payments Lemoyne Appraisal for Aqualife facility Loan payments received	(\$1,419.15) (\$1,600,00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$147,207.16 \$21,300,000.00 \$693,614.18 (\$16,006,558.00) \$6294,337.54 \$179,727.97 \$9,142,649.54 \$179,727.97 \$9,142,649.54 \$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00)	
Tax Payments Lemoyne Appraisal for Aqualife facility Loan payments received Loans Outstanding ESPA Ground Water Districts (Aqualife purchase) Total Loans Outstanding Balance Aqualife Hatchery Sub-Account Legislative Appropriation 2005, HB392 Interest Earned State Treasury Bell Rapids Purchase Bureau of Reclamation Principal Amount Lease Payment Paid Bureau of Reclamation Interest Paid Bureau of Reclamation Remaining Amount Lease Payment Paid First Installment Payment to Bell Rapids Third Installment Payment to Bell Rapids Fourth Installment Payment to Bell Rapids Fourth Installment Payment to Bell Rapids.	(\$1,419.15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$147,207.16 \$21,300,000.00 \$693,614.18 (\$16,006,558.00) \$6,294,337.54 \$179,727.97 \$9,142,649.54 (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,040,431.55)	
Tax Payments Lemoyne Appraisal for Aqualife facility Loans Outstanding ESPA Ground Water Districts (Aqualife purchase) Total Loans Outstanding Balance Aqualife Hatchery Sub-Account Legislative Appropriation 2005, HB392 Interest Earned State Treasury Bell Rapids Purchase Bureau of Reclamation Principal Amount Lease Payment Paid Bureau of Reclamation Interest Paid Bureau of Reclamation Interest Paid Bureau of Reclamation Remaining Amount Lease Payment Paid First Installment Payment to Bell Rapids. Second Installment Payment to Bell Rapids Third Installment Payment to Bell Rapids Fourth Installment Payment to Bell Rapids Third Installment Payment to Bell Rapids Third Installment Payment to Bell Rapids Third Installment Payment to Bell Rapids Fourth Installment Payment to Bell Rapids	(\$1,419,15) 	
Tax Payments Lemoyne Appraisal for Aqualife facility Loan payments received	(\$1,419,15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$970,593.69 \$970,593.69 \$147,207.16 \$21,300,000.00 \$693,614.18 (\$16,006,558.00) \$3,294,337.54 \$179,727.97 \$9,142,649.54 (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,040,431.55) (\$19,860.45) (\$19,500.00)	
Tax Payments Lemoyne Appraisal for Aqualife facility Loan payments received	(\$1,419,15) (\$1,600,00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$147,207.16 \$21,300,000.00 \$633,614.18 (\$16,006,558.00) \$63,614.18 (\$16,006,558.00) \$63,24,337.54 \$179,727.97 \$9,142,649.54 (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,040,431.55) (\$1,9860.45) (\$1,055,000.00) (\$21,300,000.00)	
Tax Payments Lemoyne Appraisal for Aqualife facility Loan payments received	(\$1,419,15) (\$10,500,00) \$1,929,406,31 \$970,593,69 \$970,593,69 \$970,593,69 \$147,207.16 \$147,207.16 \$147,207.16 \$16,006,558.00 \$693,614,18 (\$16,006,558.00) \$693,614,18 (\$16,006,558.00) \$693,614,18 (\$16,006,558.00) \$69,24,337,54 \$179,727.97 \$9,142,649,54 (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,040,431.55) (\$19,860,45) (\$1,055,000.00) (\$21,300,000.00) (\$772,052,06)	
Tax Payments Lemoyne Appraisal for Aqualife facility Loans Appraisal for Aqualife facility Loans Outstanding ESPA Ground Water Districts (Aqualife purchase) Total Loans Outstanding Balance Aqualife Hatchery Sub-Account Legislative Appropriation 2005, HB392 Interest Earned State Treasury Bell Rapids Purchase Bureau of Reclamation Principal Amount Lease Payment Paid Bureau of Reclamation Interest Paid Bureau of Reclamation Interest Paid Bureau of Reclamation Remaining Amount Lease Payment Paid First Installment Payment to Bell Rapids. Second Installment Payment to Bell Rapids Third Installment Payment to Bell Rapids Fourth Installment Payment to Bell Rapids Third Installment Payment to Bell Rapids Third Installment Payment to Bell Rapids Transfer to General Fund - Principal	(\$1,419,15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$970,593.69 \$970,593.69 \$147,207.16 \$147,207.16 \$21,300,000.00 \$693,614.18 (\$16,006,558.00) \$8,294,337.54 \$179,727.97 \$9,142,649.54 (\$1,313,236.00) (\$1,040,431,55) (\$1,055,000.00) (\$22,300,000.00) (\$22,300,000.00) \$1,040,431,55	
Tax Payments	(\$1,419,15) (\$10,500,00) \$1,929,406,31 \$970,593,69 \$970,593,69 \$147,207.16 \$21,300,000.00 \$633,614,18 (\$16,006,558.00) \$62,24,337,54 \$179,727.97 \$3,142,649,54 (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,040,431,55) (\$1,055,000.00) (\$21,300,000.00) (\$21,000,000.00) (\$21,000,000.00) (\$21,000,0	
Tax Payments	(\$1,419.15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$147,207.16 \$147,207.16 \$147,207.16 \$147,207.16 \$147,207.16 \$147,207.16 \$147,207.16 \$13,3236.00 \$1,313,236.00	
Tax Payments	(\$1,419,15) (\$10,500,00) \$1,929,406,31 \$970,593,69 \$970,593,69 \$970,593,69 \$147,207.16 \$147,207.16 \$147,207.16 \$179,727,97 \$9,142,649,54 \$179,727,97 \$9,142,649,54 \$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,040,431,55) (\$19,860,45) (\$1,040,431,55) \$1,313,236,00 \$1,040,431,55 \$1,313,236,00 \$1,040,431,55 \$1,313,236,00 \$1,040,431,55 \$1,313,236,00 \$1,040,431,55 \$1,313,236,00 \$1,302,981,70 \$1,302,980,00 \$1,302,981,70 \$1,302,980,00 \$1,302,981,70 \$1,302,980,00 \$1,302,981,70 \$1,302,980,00 \$1,302,981,70 \$1,302,980,00 \$1,302,981,70 \$1,302,980,000 \$1,302,980,0000 \$1,302,980,0000 \$1,302,980,000000000000000000000000000000000	
Tax Payments Lemoyne Appraisal for Aqualife facility	(\$1,419,15) 	
Tax Payments	(\$1,419,15) (\$10,500,00) \$1,929,406,31 \$970,593,69 \$970,593,69 \$970,593,69 \$147,207.16 \$21,300,000.00 \$633,614,18 (\$16,006,558.00) \$2,224,337,54 \$179,727.97 \$3,142,649,54 (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,040,431,55) (\$1,055,000.00) (\$21,300,000.00) (\$21,300,000.00) (\$21,300,000.00) (\$21,300,000.00) (\$21,300,000.00) (\$21,300,000.00) (\$21,300,000.00) (\$1,313,236.00) \$1,313,236.00 \$1,313,236.00 \$1,313,236.00 \$1,313,236.00 \$1,314,314,315 \$1,314,315,316 \$1,314,315,316,315 \$1,314,315,316,316 \$1,314,315,31	
Tax Payments Lemoyne Appraisal for Aqualife facility	(\$1,419.15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$147,207.16 \$147,207.16 \$147,207.16 \$16,006,558.00) \$63,314.18 (\$16,006,558.00) \$8,294,337.54 \$179,727.97 \$9,142,649.54 (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,300,000.00) (\$21,300,000.00) (\$21,300,000.00) (\$21,300,000.00) (\$21,300,000.00) (\$21,300,000.00) (\$21,300,000.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,302,981.70 \$1,055,000.00 \$7,117,971.16 (\$7,118,125.86) (\$7,118,125.86)	
Tax Payments	(\$1,419,15) (\$10,500,00) \$1,929,406,31 \$970,593,69 \$970,593,69 \$970,593,69 \$970,593,69 \$147,207.16 	
Tax Payments	(\$1,419,15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$970,593.69 \$970,593.69 \$147,207.16 \$21,300,000.00 \$693,614.18 (\$16,006,558.00) \$63,294,337.54 \$179,727.97 \$9,142,649.54 (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,040,431.55) (\$1,055,000.00) (\$21,300,000.00) (\$21,300,000.00) (\$21,300,000.00) (\$21,300,000.00) (\$21,300,000.00) (\$1,055,000.00) \$1,040,431.55 \$1,313,236.00 \$1,313,236.00 \$1,313,236.00 \$1,313,236.00 \$1,313,236.00 \$1,313,236.00 \$1,313,236.00 \$1,313,236.00 \$1,314,155 \$1,313,236.00 \$1,314,155 \$1,313,236.00 \$1,314,155 \$1,314,255,66] \$1,314,125,86] \$27,903.60 \$1,000,000 \$27,903.60 \$1,000,000 \$27,903.60 \$1,000,000 \$27,903.60 \$1,000,000 \$27,903.60 \$1,000,000 \$27,903.60 \$1,000,000 \$27,903.60 \$1,000,000 \$27,903.60 \$1,000,000 \$27,903.60 \$2	
Tax Payments	(\$1,419.15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$970,593.69 \$147,207.16 \$147,207.16 \$147,207.16 \$147,207.16 \$147,207.16 \$19,800,558.00) \$2,224,337.54 \$179,727.97 \$9,142,649.54 \$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,040,431.55) (\$1,9860.45) (\$1,040,431.55) (\$1,040,431.55) (\$1,055,000.00) (\$22,300,000.00) (\$22,300,000.00) (\$27,2052.06) \$1,302,981.70 \$1,302,981.70 \$1,055,000.00 \$1,302,981.70 \$1,055,000.00 \$7,117,971.16 (\$7,118,125.86) (\$27,903.60) (\$27,903.60) (\$6,740.10)	
Tax Payments Lemoyne Appraisal for Aqualife facility	(\$1,419.15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$970,593.69 \$147,207.16 \$147,207.16 \$147,207.16 \$147,207.16 \$693,614.18 (\$16,006,558.00) \$693,614.18 (\$16,006,558.00) \$6,343,337.54 \$179,727.97 \$9,142,649.54 (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,040,431.55) (\$1,055,000.00) \$1,055,000.00 \$1,055,000.00 \$1,055,000.00 \$1,313,236.00 \$1,313,236.00 \$1,313,236.00 \$1,313,236.00 \$1,055,000.00 \$1,055,000.00 \$1,313,236.00 \$1,313,236.00 \$1,313,236.00 \$1,055,000.00 \$1,313,236.00 \$1,313,236.00 \$1,313,236.00 \$1,313,236.00 \$1,313,236.00 \$1,055,000.00 \$1,313,236.00 \$1,322,981.70 \$1,055,000.00 \$1,327,903.60 \$1,327,903.60 \$1,353,570.02 \$153,570.02	
Tax Payments Lemoyne Appraisal for Aqualife facility Loans Outstanding ESPA Ground Water Districts (Aqualife purchase) Total Loans Outstanding Balance Aqualife Hatchery Sub-Account Legislative Appropriation 2005, HB392 Interest Earned State Treasury Bell Rapids Purchase Bureau of Reclamation Principal Amount Lease Payment Paid Bureau of Reclamation Interest Paid First Installment Payment to Bell Rapids Second Installment Payment to Bell Rapids Third Installment Payment to Bell Rapids First Installment Payment to Bell Rapids Fifth Installment Payment to Bell Rapids BOR payment for Bell Rapids BOR payment for Bell Rapids BOR payment for Bell Rapids BOR prepayment for Bell Rapids BOR prepayment for Bell Rapids BOR prepayment for Bell Rapids BOR payment for Alternative Financing Note Payment for Ongoing Bell Rapids Finance Costs (trustee fees, water bank, etc Committed for alternative finance payment	(\$1,419,15) (\$10,500,00) \$1,929,406,31 \$970,593,69 \$970,593,69 \$970,593,69 \$970,593,69 \$147,207.16 \$147,207.16 \$693,614,18 (\$16,006,558,00) \$693,614,18 (\$16,006,558,00) \$69,24,337,54 \$179,727,97 \$9,142,649,54 (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,9860,45) (\$1,9860,45) (\$1,9860,45) (\$1,9860,45) (\$1,9860,45) (\$1,9860,45) (\$1,9860,45) (\$1,900,000,000 (\$772,052,06) \$1,040,431,55 \$1,313,236,00 \$1,302,981,70 \$1,055,000,00 \$1,040,431,55 \$1,313,236,00 \$1,302,981,70 \$1,040,431,55 \$1,313,236,00 \$1,302,981,70 \$1,040,431,55 \$1,313,236,00 \$1,040,431,55 \$1,313,236,00 \$1,179,711,16 \$1,312,586) (\$27,903,60) \$1,055,000,00 \$1,055,000,00 \$1,055,000,00 \$1,055,000,00 \$1,055,000,00 \$1,050,000,00 \$1,040,431,55 \$1,313,236,00 \$1,312,286,00 \$1,131,258,00 \$1,040,431,55 \$1,313,236,00 \$1,155,500,00 \$1,113,236,00 \$1,131,258,00 \$1,040,431,55 \$1,313,236,00 \$1,313,315,00 \$1,313,236,00	
Tax Payments       Lemoyne Appraisal for Aqualife facility.         Loan payments received.       Loans Outstanding         ESPA Ground Water Districts (Aqualife purchase).	(\$1,419.15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$970,593.69 \$147,207.16 \$21,300,000.00 \$63,614.18 (\$16,006,558.00) \$3,224,337.54 \$179,727.97 \$3,142,649.54 (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,040,431.55) (\$1,040,431.55) (\$1,040,431.55) \$1,313,236.00 (\$21,300,000.00) (\$21,300,000.00) (\$21,300,000.00) (\$21,300,000.00) (\$27,903.60) \$1,055,000.00 \$1,53,570.02 \$0.00 \$153,570.02	
Tax Payments       Lemoyne Appraisal for Aqualife facility.         Loan payments received.       Loans Outstanding         ESPA Ground Water Districts (Aqualife purchase)	(\$1,419.15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$970,593.69 \$147,207.16 \$16,006,558.00) \$63,614.18 (\$16,006,558.00) \$8,224,337.54 \$179,727.97 \$9,142,649.54 (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,300,000.00) (\$21,300,000.00) (\$27,100,000.00) \$1,302,981.70 \$1,305,000.00 \$1,302,981.70 \$1,055,000.00 \$1,302,981.70 \$1,055,000.00 \$1,302,981.70 \$1,312,25.66) (\$27,903.60)  (\$27,903.60)  (\$27,903.60)  (\$27,903.60)  \$1,53,570.02 \$0.00 \$153,570.02 \$0.00	
Tax Payments       Lemoyne Appraisal for Aqualife facility.         Loan payments received.       Loans Outstanding         ESPA Ground Water Districts (Aqualife purchase)	(\$1,419,15) (\$10,500,00) \$1,929,406,31 \$970,593,69 \$970,593,69 \$970,593,69 \$970,593,69 \$970,593,69 \$147,207.16 \$147,207.16 \$147,207.16 \$693,614,18 (\$16,006,558,00) \$693,614,18 (\$16,006,558,00) \$69,24,337,54 \$1,79,727,97 \$9,142,649,54 (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,040,431,55) (\$1,040,431,55) (\$1,055,000,00) \$1,302,981,70 \$1,302,981,70 \$1,302,981,70 \$1,302,981,70 \$1,302,981,70 \$1,302,981,70 \$1,302,981,70 \$1,302,981,70 \$1,302,981,70 \$1,313,236,00 \$1,302,981,70,971,10 \$1,302,981,70,971,100 \$1,302,981,70,971,100 \$1,302,981,70,971,100 \$1,302,981,70,97	
Tax Payments         Lemoyne Appraisal for Aqualife facility.         Loan payments received.         Loans Outstanding         ESPA Ground Water Districts (Aqualife purchase).         Total Loans Outstanding         Balance Aqualife Hatchery Sub-Account.         Bell Rapids Water Rights Sub-Account         Legislative Appropriation 2005, HB392.         Interest Earned State Treasury.         Bell Rapids Purchase.         Bureau of Reclamation Principal Amount Lease Payment Paid.         Bureau of Reclamation Remaining Amount Lease Payment Paid.         First Installment Payment to Bell Rapids.         Second Installment Payment to Bell Rapids.         Third Installment Payment to Bell Rapids.         Transfer to General Fund - Principal.         Transfer to General Fund - Principal.         Transfer to General Fund - Principal.         Transfer to General Fund - Interest.         BOR payment for Bell Rapids.         BOR prepayment for Bell Rapids.         BOR prepay	(\$1,419,15) (\$10,500,00) \$1,929,406,31 \$970,593,69 \$970,593,69 \$970,593,69 \$970,593,69 \$147,207.16 	
Tax Payments         Lemoyne Appraisal for Aqualife facility.         Loan payments received.         Loans Outstanding         ESPA Ground Water Districts (Aqualife purchase).         Total Loans Outstanding         Balance Aqualife Hatchery Sub-Account         Legislative Appropriation 2005, HB392.         Interest Earned State Treasury.         Bell Rapids Purchase.         Bureau of Reclamation Principal Amount Lease Payment Paid.         Bureau of Reclamation Interest Paid.         Bureau of Reclamation Payment to Bell Rapids.         Second Installment Payment to Bell Rapids.         Second Installment Payment to Bell Rapids         Third Installment Payment to Bell Rapids         Transfer to General Fund - Principal         Transfer to General Fund - Principal         Transfer to General Fund - Principal         Transfer to General Fund - Interest.         BOR payment for Bell Rapids         BOR prepayment for Alternative Financing Note         Payment for Ongoing Be	(\$1,419.15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$970,593.69 \$147,207.16 \$21,300,000.00 \$633,614.18 (\$16,006,558.00) \$3,224,337.54 \$179,727.97 \$9,142,649.54 (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,040,431.55) (\$1,9860.45) (\$1,040,431.55) (\$1,9860.45) (\$1,040,431.55) (\$1,040,431.55) (\$1,9860.45) (\$1,040,431.55) (\$1,040,431.55) (\$1,040,431.55) (\$1,040,431.55) (\$1,040,431.55) (\$1,040,431.55) (\$1,040,431.55) (\$1,040,431.55) (\$1,055,000.00) (\$27,300,000.00) (\$27,72,052.06) \$1,040,431.55 (\$1,72,052.06) \$1,040,431.55 (\$1,72,052.06) \$1,040,431.55 (\$1,72,052.06) \$1,040,431.55 (\$1,72,052.06) \$1,040,431.55 (\$1,718,125.86) (\$7,7118,125.86) (\$27,903.60) (\$27,	
Tax Payments         Lemoyne Appraisal for Aqualife facility.         Loan payments received.         Loans Outstanding         ESPA Ground Water Districts (Aqualife purchase).         Total Loans Outstanding         Balance Aqualife Hatchery Sub-Account         Legislative Appropriation 2005, HB392.         Interest Earned State Treasury.         Bell Rapids Water Rights Sub-Account         Legislative Appropriation 2005, HB392.         Interest Earned State Treasury.         Bell Rapids Purchase.         Bureau of Reclamation Principal Amount Lease Payment Paid         Bureau of Reclamation nemaining Amount Lease Payment Paid         First Installment Payment to Bell Rapids.         Second Installment Payment to Bell Rapids.         Third Installment Payment to Bell Rapids         Transfer to General Fund - Principal.         Transfer to General Fund - Principal.         Transfer to General Fund - Interest.         BOR payment for Bell Rapids.         BOR prepayment for Altemative Financing Note	(\$1,419.15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$970,593.69 \$147,207.16 \$16,006,558.00) \$63,614.18 (\$16,006,558.00) \$8,224,337.54 \$179,727.97 \$9,142,649.54 (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,313,236.00) (\$1,300,000.00) (\$21,300,000.00) (\$27,100,000.00 \$1,005,000.00 \$1,002,981.70 \$1,055,000.00 \$1,302,981.70 \$1,055,000.00 \$1,302,981.70 \$1,055,000.00 \$1,302,981.70 \$1,055,000.00 \$1,302,981.70 \$1,055,000.00 \$1,302,981.70 \$1,055,000.00 \$1,302,981.70 \$1,055,000.00 \$1,302,981.70 \$1,055,000.00 \$1,302,981.70 \$1,055,000.00 \$1,302,981.70 \$1,055,000.00 \$1,302,981.70 \$1,055,000.00 \$1,302,981.70 \$1,055,000.00 \$1,302,981.70 \$1,055,000.00 \$1,302,981.70 \$1,055,000.00 \$1,000,000.00	
Tax Payments       Lemoyne Appraisal for Aqualife facility.         Loan payments received.       Loans Outstanding         ESPA Ground Water Districts (Aqualife purchase).       Total Loans Outstanding         Balance Aqualife Hatchery Sub-Account       Bell Rapids Water Rights Sub-Account         Legislative Appropriation 2005, HB392.       Interest Eamed State Treasury.         Bell Rapids Purchase.       Bureau of Reclamation Principal Amount Lease Payment Paid.         Bureau of Reclamation Interest Paid       Bureau of Reclamation Interest Paid         Bureau of Reclamation Interest Paid       Second Installment Payment to Bell Rapids.         Third Installment Payment to Bell Rapids       Second Installment Payment to Bell Rapids         Fourth Installment Payment to Bell Rapids       Transfer to General Fund - Principal.         Transfer to General Fund - Interest.       BOR payment for Bell Rapids.         BOR payment for Bell Rapids       BOR prepayment for Bell Rapids.         BOR prepayment for Bell Rapids       BOR prepayment for Bell Rapids.         BOR prepayment for Bell Rapids       BOR Prepayment for Bell Rapids.         BOR prepayment for Bell Rapids       BOR prepayment for Bell Rapids.         BOR prepayment for Bell Rapids       BOR prepayment for Bell Rapids.         BOR prepayment for Bell Rapids.       BOR prepayment for Bell Rapids.         BOR prepayment for Bell Rapids.	(\$1,419,15) (\$10,500,00) \$1,929,406,31 \$970,593,69 \$970,593,69 \$970,593,69 \$970,593,69 \$970,593,69 \$147,207.16 \$21,300,000,00 \$693,614,18 (\$16,006,558,00) \$6,294,337,54 \$179,727,97 \$9,142,649,54 (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,313,236,00) (\$1,302,981,70 \$1,302,981,70 \$1,302,981,70 \$1,302,981,70 \$1,302,981,70 \$1,302,981,70 \$1,302,981,70 \$1,302,981,70 \$1,302,981,70 \$1,313,236,00 \$1,302,981,70 \$1,000,000,00 \$1,11,129 \$1,11,129 \$1,11,29 \$1,12,704,491	
Tax Payments.         Lemoyne Appraisal for Aqualife facility.         Loans Outstanding         ESPA Ground Water Districts (Aqualife purchase).         Total Loans Outstanding         Balance Aqualife Hatchery Sub-Account         Legislative Appropriation 2005, HB392.         Interest Earned State Treasury.         Bell Rapids Water Rights Sub-Account         Legislative Appropriation 2005, HB392.         Interest Earned State Treasury.         Bull Rapids Purchase         Bureau of Reclamation Principal Amount Lease Payment Paid.         Bureau of Reclamation Interest Paid         Bureau of Reclamation Remaining Amount Lease Payment Paid.         First Installment Payment to Bell Rapids.         Second Instaliment Payment to Bell Rapids         Fourth Installment Payment to Bell Rapids         Fourth Installment Payment to Bell Rapids         Fourth Installment Payment to Bell Rapids         Transfer to General Fund - Principal.         Transfer to General Fund - Interest.         BOR payment for Bell Rapids.         BOR	(\$1,419.15) (\$10,500.00) \$1,929,406.31 \$970,593.69 \$970,593.69 \$970,593.69 \$970,593.69 \$147,207.16 \$147,207.16 \$10,000,558.00) \$12,24,337.54 \$179,727.97 \$3,142,649.54 \$179,727.97 \$3,142,649.54 \$1,313,236.00) \$1,313,236.00) \$1,313,236.00) \$1,313,236.00) \$1,313,236.00) \$1,313,236.00 \$1,314,411,129 \$1,411,129 \$1,41	

Payment for Purchase of Pristine Springs (3) Payment from Magic Valley & Northsnake GWD for Pristine Springs		(\$18,000,000.00) \$4,041,679,61
Appraisal		(\$25,500.00)
Insurance		(\$48,494.25)
Hecharge District Assessment.		(\$26,605.25)
Hvdm Plants Engineering Certification (Straubhar)		(\$3,641.45) (\$3,000.00)
Payment to EHM Engineers for pipeline work.		(\$1,200.00)
Payment to John Root for Easement Survey		(\$1,000.00)
Payment to MWH Americas Inc		(\$11,326.27)
Payment to Dan Lafferty Contruction		(\$16,846.68)
Rein Tach LLC (Satallite phase annual payment)		(\$15,193.92)
Standley Trenching (Trac system for communication equip)		(\$2,863,99)
Property Taxes and other fee assessments (Jerome County)		(\$9,980.95)
Rental Payments		\$1,694,934.18
Payments to Scott Kaster	·····	(\$155,220.48)
Utility Payments (Idaho Power)		(\$37,804.99)
Travel costs for property maintenance		(\$203,207,04) (\$389,31)
Pipeline repair (IGWA)		(\$170,000,00)
Transferred to Secondary Aquifer Fund (2011 Legislature; HB 291)		(\$2,465,300.00)
Transferred to Secondary Aquifer Fund (2012 Legislature; SB 1389)		(\$1,232,000.00)
Transferred to Secondary Aquifer Fund (2013 Legislature; HB 270)		(\$716,000.00)
Transferred to Secondary Aquiter Fund (2014 Legislature; HB 618)		(\$716,000.00)
Transferred to Aquifer Planning Fund (2015 Lagislature, FID 273)		(\$716,000,00)
Pristine Springs Hydropower Projects		(3710,000,007
Net power sales revenues	•••••••	\$666,414.57
Pristine Springs Committed Funds	de Admittant	
To be transferred to Aquifer Planning Fund	-357,996.00	
TOTAL COMMITTED FUNDS	\$1,007,427.96	
Loans Autstanding	\$049,431.90	
North Snake and Magic Valley Ground Water Districts	\$5,958,320,39	
Total Loans Outstanding	\$5,958,320.39	
Funds to RP CAMP & TV CAMP Sub-Account		\$271,672.34
Pristine Springs Revenues into Main Revolving Development Account	•••••••••••••••••••••••••••••••••••••••	
Rathorum Prairie CAMP & Treasure valley CAMP Sub-Account Bricking Springe Hydrogewar and Regist Revenues		\$074 CT0 C4
Interest Earned State Treasury		\$573.11
Spokane River Forum		(\$13,000,00)
Traasure Valley Water Quality Summit		(\$500.00)
Kootenai-Shoshone Soil & Water Cons. Dist Agrimet Station	******	(\$20,000.00)
Randolom Frank-Spokane Valley Addier Politiping Study (CONdosse)	*****************************	(\$70,000.00)
Commined Funds		
Koolenai-Shoshone Soil & Water Cons. Dist Agrimet Station	\$9.00	
Koolenai-Shoshone Soil & Water Cons. Dist Agrimet Station Spokane River Forum.	\$0.00 \$0.00	
Committed Funds. Kootenat-Shoshone Soil & Water Cons. Dist Agrimet Station Spokane River Forum. Rathdrum Prairie-Spokane Valley Aquifer Pumping Study Treasure Valley Valley Valer Quality Summit	\$0.00 \$0.00 \$0.00 \$0.00	
Committed Funds. Kootenat-Shoshone Soil & Water Cons. Dist Agrimet Station Spokane River Forum. Rathdrum Prairie-Spokane Valley Aquifer Pumping Study Treasure Valley Water Quality Summit	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
Commited Funds. Kootenai-Shoshone Soil & Water Cons. Dist Agrimet Station Spokane River Forum Rathdrum Prairie-Spokane Valley Aquifer Pumping Study Treasure Valley Water Quality Summit	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$168,745.45
Committed Funds. Kootenai-Shoshone Soil & Water Cons. Dist Agrimet Station Spokane River Forum. Rathdrum Prairie-Spokane Valley Aquifer Pumping Study Treasure Valley Water Quality Summit TOTAL COMMITTED FUNDS Balance Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$168,745.45
Committed Funds. Kootenai-Shoshone Soil & Water Cons. Dist Agrimet Station Spokane River Forum. Rathdrum Prairie-Spokane Valley Aquifer Pumping Study Treasure Valley Water Quality Summit	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$168,745.45 \$3 390 123 05
Commited Funds. Koolenai-Shoshone Soil & Water Cons. Dist Agrimet Station Spokane River Forum. Rathdrum Prairie-Spokane Valley Aquifer Pumping Study Treasure Valley Water Quality Summit TOTAL COMMITTED FUNDS Balance Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account Upper Salmon/CBWTP Sub-Account Water Transaction Projects Payment Advances from CBWTP/Accord PCSRF Funds for Administration of Non-Diversion Easements on Lemhi Riv	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$168,745.45 \$3,390,123.05 \$222,257.16
Commited Funds. Koolenai-Shoshore Soil & Water Cons. Dist Agrimet Station	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$168,745.45 \$3,390,123.05 \$222,257,16 \$116,261.82
Committed Funds. Koolenai-Shoshore Soil & Water Cons. Dist Agrimet Station Spokane River Forum. Rathdrum Prairie-Spokane Valley Aquifer Pumping Study Treasure Valley Water Quality Summit. TOTAL COMMITTED FUNDS Balance Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account. Upper Salmon/CBWTP Sub-Account Water Transaction Projects Payment Advances from CBWTP/Accord PCSRF Funds for Administration of Non-Diversion Easements on Lemhi Ri- Interest Eamed State Treasury. Transfer to Water Supply Bank.	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$168,745.45 \$3,390,123.05 \$222,257.16 \$116,261.82 (\$74,948.41)
Commited Funds. Koolenai-Shoshone Soil & Water Cons. Dist Agrimet Station	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$168,745.45 \$3,390,123.05 \$222,257.16 \$116,261.82 (\$74,948.41) (\$600.00)
Commited Funds. Koolenai-Shoshone Soil & Water Cons. Dist Agrimet Station Spokane River Forum. Rathdrum Prairie-Spokane Valley Aquifer Pumping Study Treasure Valley Water Quality Summit. TOTAL COMMITTED FUNDS Balance Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account. Upper Salmon/CBWTP Sub-Account Water Transaction Projects Payment Advances from CBWTP/Accord PCSRF Funds for Administration of Non-Diversion Easements on Lemhi Ri- Interest Eamed State Treasury. Transfer to Water Supply Bank. Change of Ownership. Granite Creek Appraisal.	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$168,745.45 \$3,390,123.05 \$222,257.16 \$116,261.82 (\$74,948.41) (\$600.00) (\$4,000.00) (\$4,000.00)
Commed Funds. Kootenai-Shoshone Soil & Water Cons. Dist Agrimet Station Spokane River Forum	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$168,745.45 \$3,390,123.05 \$222,257.16 \$116,261.82 (\$74,948.41) (\$600.00) (\$4,000.00) (\$4,000.00) (\$4,989.23) (\$971,217.59)
Commited Funds. Kootenai-Shoshone Soil & Water Cons. Dist Agrimet Station Spokane River Forum. Rathdrum Prairie-Spokane Valley Aquifer Pumping Study Treasure Valley Water Quality Summit	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$168,745.45 \$3,390,123.05 \$222,257.16 \$116,261.82 (\$74,948.41) (\$600.00) (\$4,000.00) (\$8,989.23) (\$971,217.59)
Commited Funds. Kootenai-Shoshone Soil & Water Cons. Dist Agrimet Station Rathdrum Prairie-Spokane Valley Aquifer Pumping Study Treasure Valley Water Quality Summit	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$168,745.45 \$3,390,123.05 \$222,257.16 \$116,261.82 (\$74,948.41) (\$600.00) (\$4,000.00) (\$4,000.00) (\$8,989.23) (\$971,217.59)
Committed Funds. Kootenai-Shoshone Soil & Water Cons. Dist Agrimet Station Rathdrum Prairie-Spokane Valley Aquifer Pumping Study Treasure Valley Water Quality Summit	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$130,906.59 \$130,906.59 \$130,906.59 \$31,991,50	\$168,745.45 \$3,390,123.05 \$222,257.16 \$116,261.82 (\$74,948.41) (\$600.00) (\$4,000.00) (\$4,000.00) (\$8,988.23) (\$971,217.59)
Commited Funds. Kootenai-Shoshone Soil & Water Cons. Dist Agrimet Station Spokane River Forum. Rathdrum Prairie-Spokane Valley Aquifer Pumping Study Treasure Valley Water Quality Summit	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$130,906.59 (\$0.00) \$31,991.50 \$27,400.99	\$168,745.45 \$3,390,123.05 \$222,257.16 \$116,261.82 (\$74,948.41) (\$600.00) (\$4,000.00) (\$4,000.00) (\$8,989.23) (\$971,217.59)
Commited Funds. Kootenai-Shoshone Soil & Water Cons. Dist Agrimet Station Spokane River Forum. Rathdrum Prairie-Spokane Valley Aquifer Pumping Study Treasure Valley Water Quality Summit	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$130,906.59 \$130,906.59 \$130,906.59 \$27,400,99 \$127,068.66	\$168,745.45 \$3,390,123.05 \$222,257.16 \$116,261.82 (\$74,948.41) (\$600.00) (\$4,000.00) (\$4,000.00) (\$8,989.23) (\$971,217.59)
Commited Funds. Kootenai-Shoshone Soil & Water Cons. Dist Agrimet Station Spokane River Forum. Rathdrum Prairie-Spokane Valley Aquifer Pumping Study Treasure Valley Water Quality Summit	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$130,906.59 (\$0.00) \$31,991.50 \$27,400.99 \$127,068.66 \$379.19 \$24,009.54	\$168,745.45 \$3,390,123.05 \$222,257.16 \$116,261.82 (\$74,948.41) (\$600.00) (\$4,000.00) (\$4,000.00) (\$8,989.23) (\$971,217.59)
Commited Funds. Kootenai-Shoshone Soil & Water Cons. Dist Agrimet Station Spokane River Forum. Rathdrum Prairie-Spokane Valley Aquifer Pumping Study Treasure Valley Water Quality Summit	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$130,906.59 (\$0.00) \$31,991.50 \$27,400.99 \$127,088.66 \$379.19 \$472,383.54 \$438,222.87	\$168,745.45 \$3,390,123.05 \$222,257.16 \$116,261.82 (\$74,948.41) (\$600.00) (\$4,000.00) (\$4,000.00) (\$8,989.23) (\$971,217.59)
Committed Funds. Kootenai-Shoshore Soil & Water Cons. Dist Agrimet Station Spokane River Forum. Rathdrum Prairie-Spokane Valley Aquifer Pumping Study Treasure Valley Water Quality Summit. TOTAL COMMITTED FUNDS Balance Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account Upper Salmon/CBWTP Sub-Account Water Transaction Projects Payment Advances from CBWTP/Accord PCSRF Funds for Administration of Non-Diversion Easements on Lemhi Ri- Interest Eamed State Treasury. Transfer to Water Supply Bank. Change of Ownership. Granite Creek Appraisal. Alturas Lake Creek Appraisal. Payments for Water Acquisition Committed Funds Administration of Non-Diversion Easements on Lemhi River. Alturas Lake Creek (Peterson Ranch). Badger Creek (DOT LLP). Beaver Creek (DOT LLP). Big Hat Creek. Big Timber Tyler (Leadore Land Partners). Campon Creek/Big Timber Creek (Beyeler). Campon Creek (Bill Slavin).	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.991.50 \$27,400.99 \$127,088.66 \$379.19 \$472,383.54 \$438,232.87 \$213,156.52	\$168,745.45 \$3,390,123.05 \$222,257.16 \$116,261.82 (\$74,948.41) (\$600.00) (\$4,000.00) (\$4,000.00) (\$8,989.23) (\$971,217.59)
Committed Funds. Kootenai-Shoshore Soil & Water Cons. Dist Agrimet Station Spokane River Forum. Rathdrum Prairie-Spokane Valley Aquifer Pumping Study Treasure Valley Water Quality Summit. TOTAL COMMITTED FUNDS Balance Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account Upper Salmon/CBWTP Sub-Account Water Transaction Projects Payment Advances from CBWTP/Accord PCSRF Funds for Administration of Non-Diversion Easements on Lemhi Ri- Interest Eamed State Treasury. Transfer to Water Supply Bank. Change of Ownership. Granite Creek Appraisal. Alturas Lake Creek Appraisal. Payments for Water Acquisition Committed Funds Administration of Non-Diversion Easements on Lemhi River. Alturas Lake Creek (Peterson Ranch). Badger Creek (DOT LLP). Big Hat Creek. Big Timber Tyler (Leadore Land Partners). Carmen Creek (Bill Stavin).	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$130,906.59 (\$0.00) \$31,991.50 \$27,400.99 \$127,068.66 \$379.19 \$472,363.54 \$438,232.87 \$438,232.87 \$213,156.52 \$133,757.37	\$168,745.45 \$3,390,123.05 \$222,257.16 \$116,261.82 (\$74,948.41) (\$600.00) (\$4,000.00) (\$4,000.00) (\$8,989.23) (\$971,217.59)
Committed Funds. Kootenai-Shoshore Soil & Water Cons. Dist Agrimet Station Spokane River Forum. Rathdrum Prairie-Spokane Valley Aquifer Pumping Study Treasure Valley Water Quality Summit. TOTAL COMMITTED FUNDS Balance Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account Upper Salmon/CBWTP Sub-Account Water Transaction Projects Payment Advances from CBWTP/Accord PCSRF Funds for Administration of Non-Diversion Easements on Lemhi Ri- Interest Eamed State Treasury. Transfer to Water Supply Bank. Change of Ownership. Granite Creek Appraisal. Payments for Water Acquisition Committed Funds Administration of Non-Diversion Easements on Lemhi River. Alturas Lake Creek Appraisal. Payments for Water Acquisition Committed Funds Administration of Non-Diversion Easements on Lemhi River. Alturas Lake Creek (Peterson Ranch) Badger Creek (DOT LLP). Big Timber Tyler (Leadore Land Partners). Camren Creek (Bill Slavin). Camren Creek (Bruck (Vanderbilt). Camren Creek (Bruck (Vanderbilt). Camren Creek (Bruck Slavin). Camren Creek (Breckentid). Easter Creek (Breckentid). Camren Creek (Breck Slavin). Fourth of July Creek (Vanderbilt). Event of July Creek (Vanderbilt).	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$127,400 \$130,906.59 (\$0.00) \$31,991.50 \$27,400.99 \$127,068.66 \$379.19 \$472,363.54 \$439,232.87 \$213,166.52 \$133,757.37 \$17,120.22	\$168,745.45 \$3,390,123.05 \$222,257.16 \$116,261.82 (\$74,948.41) (\$600.00) (\$4,000.00) (\$4,000.00) (\$8,989.23) (\$971,217.59)
Committed Funds. Kootenai-Shoshone Soil & Water Cons. Dist Agrimet Station	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$13,90 \$127,085.65 \$27,400.99 \$127,086.59 \$27,400.99 \$127,086.65 \$379,19 \$472,363.54 \$438,232.87 \$213,156.52 \$133,757.37 \$17,120.22 \$0.00 \$225,800,88	\$168,745.45 \$3,390,123.05 \$222,257.16 \$116,261.82 (\$74,948.41) (\$600.00) (\$4,000.00) (\$4,000.00) (\$8,989.23) (\$971,217.59)
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Commited Funds. Koolenal-Shoshone Soil & Water Cons. Dist Agrimet Station Spokane River Forum. Rathdrum Prairie-Spokane Valley Aquifer Pumping Study Treasure Valley Water Quality Summit	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$127,058,56 \$379,19 \$472,363,54 \$438,232,87 \$213,156,52 \$133,757,37 \$17,120,22 \$133,757,37 \$17,120,22 \$133,757,37 \$17,120,22 \$133,757,37 \$17,120,22 \$133,757,37 \$17,120,22 \$133,757,37 \$17,120,22 \$133,757,37 \$17,120,22 \$133,757,37 \$17,120,22 \$133,757,37 \$17,120,22 \$133,757,37 \$17,120,22 \$133,757,37 \$17,120,22 \$133,757,37 \$17,120,22 \$133,757,37 \$17,120,22 \$133,757,37 \$17,120,22 \$133,757,37 \$17,120,22 \$133,757,37 \$17,120,22 \$133,757,37 \$17,120,22 \$133,757,37 \$17,120,22 \$133,757,37 \$17,120,22 \$133,156,52 \$133,757,37 \$17,120,22 \$133,156,52 \$133,757,37 \$17,177,18 \$153,150,20 \$225,880,88 \$224,442,45 \$60,387,24 \$21,041,24 \$251,000 \$225,880,08 \$224,442,45 \$60,387,24 \$150,000 \$225,880,88 \$224,442,45 \$60,387,24 \$150,000 \$225,880,88 \$224,424,55 \$60,387,24 \$213,156,52 \$133,757,27 \$17,170,22 \$0,000 \$225,880,88 \$224,424,55 \$60,387,24 \$150,377,27 \$17,177,78 \$17,177,78 \$15,500,000 \$225,880,88 \$224,424,55 \$60,387,24 \$150,300,000 \$225,880,88 \$224,424,55 \$60,387,24 \$150,000 \$225,880,88 \$224,424,55 \$60,387,24 \$150,000 \$225,880,88 \$224,424,55 \$60,387,24 \$150,000 \$225,880,88 \$224,424,55 \$60,387,24 \$150,000 \$225,800,88 \$224,424,55,54 \$150,000 \$225,800,88 \$224,424,55,54 \$150,000 \$2293,013,69	\$168,745.45 \$3,390,123.05 \$222,257.16 \$116,261.82 (\$74,948.41) (\$600.00) (\$4,000.00) (\$4,000.00) (\$8,989.23) (\$971,217.59)
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Committed Funds. Noolenai-Shoshone Soil & Water Cons. Dist Agrimet Station Spokane River Forum. Rathdrum Prairie-Spokane Valley Aquifer Pumping Study Treasure Valley Water Quality Summit. TOTAL COMMITTED FUNDS Balance Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account Upper Salmon/CBWTP Sub-Account Water Transaction Projects Payment Advances from CBWTP/Accord PCSRF Funds for Administration of Non-Diversion Easements on Lemhi Ri- Interest Eamed State Treasury. Transfer to Water Supply Bank. Change of Ownership. Granite Creek Appraisal. Alturas Lake Creek Appraisal. Payments for Water Acquisition. Committed Funds Administration of Non-Diversion Easements on Lemhi River Alturas Lake Creek (Breckenridge) Badger Creek (Peterson Ranch). Badger Creek (OWBP). Beaver Creek (DOT LLP). Big Hat Creek (Burce Stavin). Carmen Creek (Bill Slavin). Carmen Creek (Blues Stavin). Fourth of July Creek (Vanderbilt). Iron Creek (Koncz). Kanney Creek (Core Stavin). Fourth of July Creek (Vanderbilt). Iron Creek (Koncz). Lemhi Rig Springs (Merrill Beyeler). Lemhi Rig Springs (Merrill Beyeler). Lemhi River & Little Springs Creek (Kauer). Little Springs Creek (Ellsworth Angus Ranch). P-9 Bowton (Western Sky LLC). P-9 Elzinga (Elzinga). Patterson-Big Springs (PBSC9). Spring Creek (Hichard Beard). Spring Creek (Hichard Beard).	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$12,00 \$127,085,65 \$130,906,59 \$27,400,99 \$127,088,66 \$379,19 \$27,400,99 \$127,088,66 \$379,19 \$472,363,54 \$438,222,87 \$133,757,37 \$17,120,22 \$0.00 \$225,880,88 \$24,442,45 \$60,387,24 \$17,77,78 \$15,00,00 \$225,800,88 \$24,442,45 \$60,387,24 \$21,041,24 \$21,041,24 \$21,041,24 \$21,041,24 \$21,041,24 \$21,041,24 \$21,041,24 \$21,041,24 \$22,00,00 \$293,013,69 \$19,334,67 \$232,409,77 \$287,471,90 \$185,210,64 \$1,085,76	\$168,745.45 \$3,390,123.05 \$222,257.16 \$116,261.82 (\$74,948.41) (\$600.00) (\$4,000.00) (\$4,000.00) (\$8,989.23) (\$971,217.59)
Committed Funds. Notenai-Shoshone Soil & Water Cons. Dist Agrimet Station Spokane River Forum. Rathdrum Prairie-Spokane Valley Aquiter Pumping Study Treasure Valley Water Cousitly Summit. TOTAL COMMITTED FUNDS Balance Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$11,991,50 \$27,400,99 \$127,088,66 \$379,19 \$472,383,54 \$438,232,87 \$133,757,37 \$17,120,22 \$133,757,37 \$17,120,22 \$0.00 \$225,880,88 \$24,442,45 \$60,397,24 \$21,041,24 \$21,040,00 \$293,013,89 \$13,394,67 \$232,409,77 \$287,471,90 \$185,210,64 \$1,085,76 \$1,591,38	\$168,745.45 \$3,390,123.05 \$222,257.16 \$116,261.82 (\$74,948.41) (\$600.00) (\$4,000.00) (\$4,000.00) (\$8,993.23) (\$971,217.59)
Committed Funds. Notenai-Shoshone Soil & Water Cons. Dist Agrimet Station Spokane River Forum. Rathdrum Prairie-Spokane Valley Aquiter Pumping Study Treasure Valley Water Couality Summit. TOTAL COMMITTED FUNDS Balance Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$131.991.50 \$27,400.99 \$127,088.66 \$379.19 \$472,383.54 \$438,232.87 \$213,156.52 \$133,757.37 \$17,120.22 \$0.00 \$225,880.88 \$24,442,45 \$60,397.24 \$21,041.24 \$26,037.24 \$21,041.24 \$281,025.24 \$1,777.78 \$1,500.00 \$225,880.88 \$24,442,45 \$60,397.24 \$21,041.24 \$21,045.76 \$13,591.38 \$11,617.30 \$11,617.30 \$12,016.4 \$1,085.76 \$1,591.38 \$17,6197.30 \$12,016.4 \$1,005.76 \$1,591.38	\$168,745.45 \$3,390,123.05 \$222,257.16 \$116,261.82 (\$74,948.41) (\$600.00) (\$4,000.00) (\$4,000.00) (\$8,983.23) (\$971,217.59)
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#### Revolving Development Account - Page 2 of 4

\$344,011.45

Water District 02 WaterSmart Grant Sub-Account		
Received from BOR for BORWS2		\$118,058.42
Payments made to contractors for BORWS2		359,960.43 (\$118,058,42)
Payments made to contractors for BORWS3		(\$59,960.43)
Committed Funds:		(
Grant Approval for BORWS2	\$29,866.58	
Total Committed Funds	\$346,035,87	
Balance WaterSmart Grant Sub-Account.	4040,000.01	50.00
		•••••
Water Supply Bank Sub-Account		
Interest Earned State Treasury		\$3,685.68
Payments received from renters for 2013 season		\$529,823.25
Payments received from renters for 2014 season		\$609,120.41
Payments received from renters for 2015 season		\$585,885.61
Payments received from renters for 2016 season		\$594,045.13
Payments made to owners for 2013 season		(\$522,645.12)
Peyments made to owners for 2014 season		(\$599,422.75)
Water Sunniv Bank Sub-Account Subtotal		\$617 627 55
Committed Funds:		#011[027:00
Owners Share	\$567,697.44	
Total Committed Funds	\$567,697.44	
Batance Water Supply Bank Sub-Account		\$49,930.11
Fastern Snake Blain Sub-Account		
Legislative Appropriation 2005, HB392		\$7,200,000,00
Legislative Appropriation 2005, HB392, CREP Program		\$3,000,000.00
Interest Earned State Treasury	******	\$1,916,789.34
Loan Interest		\$235,523.45
Bell Hapids Water Rights Closing Costs	*******	(\$6,558.00)
First Installment Payment to Bell Hapids Irr. Co. (Partial)		(\$367,800.00)
Third installment Payment to Bell Babids In. Co. (Partial)	*********	(\$361,800.00) (\$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
Heimbursement from Water District 1 for Hecharge	*******	\$159,764.73
Palisades (FMU) Storege Cosis		(\$3,516,544.76)
W-Capai Project Costs		\$2,301.12 /\$336.93/11)
Black Canvon Exchange Project Costs		(\$325,034,11) (\$115,276,00)
Black Canvon 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)
Additional recharge projects preliminary development		(\$28,909.30)
Loans and Other Commitments		(\$6,863.91)
Commitment - Remainder of Bell Rapids Water Rights Purchase (1)		\$361,620.00
Commitment - CREP Program (HB392, 2005)		\$2,419,580.50
Commitment - Additional recharge projects preliminary development	in a state of the	\$337,594.00
Commitment - Palasades Storage O&M		\$10,000.00
Commitment - Black Canyon Exchange Project (fund with ongoing revenue	es)	\$485,848.95
Loans and Other Commitments		\$3,514,643.45
American Falls-Aherrieen GWD (CREP)	\$79 070 22	
Bingham GWD (CREP)	\$0.00	
Bonneville Jefferson GWD (CREP)	\$47,835.17	
Magic Valley GWD (CREP)	\$74,633.56	
North Snake GWD (CREP)	\$37,658.96	
TOTAL ESP LOANS OUTSTANDING.	\$238,197.92	•
Uncommitted Balance Eastern Shake Plain Sub-Account		\$529,896.34
Dworshak Hydropower Project		
Dworshak Project Revenues		
Power Sales & Other	\$7,457,725.73	
Interest carried state Treasury Total Dworshak Project Revenues	503,563.77	\$7 061 290 50
Dworshak Project Expenses (2)		φr,au (,208.3Ų
Transferred to 1st Security Trustee Account	\$148,542,63	
Construction not paid through bond issuance	\$226,106.83	
1st Security Fees	\$314,443.35	
Operations & Maintenance	\$2,263,592.96	
Powerplant Repairs	\$56,488.60	
Bond payoff	\$391,863.11	
Capital Improvements	\$318,366.79	
Total Dworshak Project Expenses	200,492.00	(\$3 786 897 ()5)
Dworshak Project Committed Funds		pp, rub, or day
Emergency Repair/Future Replacement Fund	\$1,314,575.00	
FERC Fee Payment Fund	\$14,879.33	
Total Dworshak Project Committed Funds		\$1,329,454.33
Excess Dworshak Funds into Main Revolving Development Account	••••••••••••••••••••••••••••••	·····
TOTAL		
	Amount	Pancipal

\$2,844,938.12 \$26,159,204.29

Loans Outstanding:	Loaned	Outstanding	
A&B Irrigation District (18-July-14; pipeline and conversion project)	7,000,000	\$6,747,773.83	
Aberdeen-Springfield Canal Company (WRB-491; Diversion structure)	\$329,761	\$99,877.37	
Bee Line water Association (Sep 23, 2014; System improvements)	600,000.00	\$218,666.15	
Boise City Canal Company (WRB-492)Grove St Canal Renap	\$110,618	\$0.00	
Conven Course Organization (14-Jul-96; Weil repairs)	\$71,000	\$7,133.08	
Charlyon County Charmage District No. 2 ( 25-Nov-12, Drain the pipeline Charlie Irrigation Company, (28 Nov 07; river acto mplecement)	\$33,000 FED 000	\$23,073.23 ED 704 77	
Chanarral Water According (21-1ap.11) Well deeponing & improvome	300,000	39,701.77 \$10,004.95	
Clean/ew Water Comnany	50,000	\$10,924.33 \$45 667 10	
Clovertiale Ridne Water Corn (irringtion system rehab, 25-sen-09)	106,400	\$41,176,11	
Consolidated Irrigation Company (July 20, 2012; pipeline project)	1 500,400	\$374 974 12	
Consolidated Irrigation Company (July 20, 2012; pipeline project)	500.000	\$500,000,00	
Country Club Subdivision Water Association (18-May-07, Well Project).	\$102,000	\$24,008,22	
Cub River Irrigation Company (18-Nov-05; Pipeline project)	\$1,000,000	\$0.00	
Cub River Irrigation Company	\$500,000	\$0.00	
Enterprise Irrigation District (14-Jul-06; Pipeline project)	\$37,270	\$4,644.00	
Enterprise Irrigation District (North Lateral Pipeline)	\$105,420	\$18,129.55	
Firth, City of	\$112,888	\$0.00	
Foothills Ranch Homeowners Association (7-oct-11; well rehab)	\$150,000	\$108,708.62	
Harvest Valley Homeowners Association (22-Mar-13; Pump Replaceme	4,500.00	\$1,329.43	
Jetterson Irrigation Company (well deepenings)	\$207,016	\$0.00	
Jefferson Imgation Company (9-May-2008 Well Replacement)	\$81,000	\$32,221.09	
Jugnandie HUA/Valley County Local Improvement District No. 1 (well p	\$907,552	\$619,593.46	
King Hill Imgation District (24-Sep-10; Pipeline replacement	\$300,000	\$70,806.38	
Lake Reservoir Company (29-July-11; Payelle Lake-Lardo Dam Outle	\$594,000	\$105,150.40	
Last Chance Canal Company (14-July-2015, diversion dam rebuild)	2 500 000 00	\$U.UU 50 130 510 54	
Last onance canal company (14-50/y-2015, uiversion dam repuild)	2,000,000.00	\$2,133,510.04 \$90.101.10	
Lava not oprings, ony or financering Design Project & Displine Stu	\$347,010 \$10,700	902,101.12 \$12.425.00	
Linesay calera Association (Engineering Design Project & Pipeline 3/a	\$42,000	\$224.07	
Lower Pavette Ditch Company (2-Apr-04) Diversion dem replacement	\$875,000	\$0.00	
Marsh Center Irrigation Company (13-May-05: Hawkins Dam)	\$236,141	\$98 522 65	
Marysville irrigation Company (18-May-07, Pipeline Project Phase 1)	\$625,000	\$137,152,90	
Marysville Irrigation Company (9-May-08, Pipeline Project Phase 2)	\$1,100,000	\$194,623,03	
Meander Point Subdivision Homeowners Association (7-Sep-07; comn	\$330,000	\$0.00	
North Fremont Canal Systems (25-Jan-13; Marysville Project)	\$2,500,000	\$1,558,287.25	
Outlet Water Association (22-Jan-16; new well & improvements)	100,000.00	\$100,000.00	
Pinehurst Water District (23-Jan-15)	100,000	\$75,025.30	
Point Springs Grazing Association (July 20, 2012; stock water pipeline)	48,280.00	\$35,711.11	
Preston-Whitney Irrigation Company (29-May-09; Fairview Lateral Pipe	\$800,000	\$45,292.32	
Producers Irrigation Company (17-Mar-06; well replacements)	\$185,000	\$11,729.65	
Ranch Subdivision Property Owners Assoc	\$24,834	\$2,587.83	
Riverside independent water Listrict	\$350,000	\$93,411.42	
Skin Creek Water Association	\$188,258	\$41,705.44	
St. Johns Irringting Company (14, July 2015; pipeling project)	1 400 775	\$10,402.57 \$494.401.00	
Sunset Heights Water District /17-May-13: Evchange water project)	\$49,000	\$95 547 57	
Twin Lakes Canal Company (Winder Lateral Pineline Project)	\$500.000	\$236,398,02	
Twin Lakes Canal Company (Bear River Narrows)	\$90,000	\$11 296 22	
Whitney-Nashville Water Company.	\$225,000	\$0.00	
TOTAL LOANS OUTSTANDING	+		\$14,406,575,52
Loans and Other Funding Obligations: Legislative Appropriation 2014, HB 479 Sec 1 and 2 Mountain Home AFE Water Pinhis (JB479)		\$1.410.914.95	
Galloway Dam & Reservoir Project (HB 479)		\$1,912,390,00	
Boise River (Arrowrock Enlargement) Feasibility Study (HR479)		\$1,122,310.89	
Island Park Enlargement (HB479)		\$2 472 125 00	
Water Supply Bank Computer Infrastructure (HB 479)		\$7,449.25	
Agua Life Hatchery, HB644, 2014.		\$0.00	
Senate Bill 1511 - Teton Replacement and Minidoka Enlargement Studies		\$678,161.82	
Boise River Storage Feasibility Study	*************	\$13,578.15	
Weiser-Galloway Study (28-May-10)		\$461,620.87	
Priest Lake Improvement Study (16-Mar-16)		\$299,520.31	
Bee Line Water Association (Sep 23, 2014; System Improvements)		\$381,333.85	
Dover, City of (23-Jul-10; Water Intake project)	•••••	\$194,063.00	
Last Chance Canal Company (14-July-2015, diversion dam rebuild)		\$0.00	
North Side Canal Company (16-sep-16; canal rehab project)		\$2,600,000.00	
Outlet water Association (22-Jan-16; new well & improvements)		\$0.00	
<ul> <li>Producers Imgation Company (23-May-16, New Wells)</li> <li>St. Johns Istigation Company (14, July 2015; Figsting astight)</li> </ul>	******	\$173,000.00	
TOTAL LOANS AND OTHER SUNDING OP LOADONS		\$1,005,373.04	*** *** *** · *
TOTAL LOANS AND OTHER FUNDING UBLIGATIONS			\$12,731,740.43
	*******		01,020,888.34
	****	**************	920,109,204.29

Actual amount needed may vary depending on final determination of water actually purchased and interest income received.
 Debt service on the Dworshak Project bonds is paid before the Dworshak monies are deposited into the Revolving Development Account and is therefore not shown on this balance shaet.

#### Idaho Water Resource Board Sources and Applications of Funds as of November 30, 2016 WATER MANAGEMENT ACCOUNT

Original Appropriation (1978)		\$1,000,000.00
Legislative Audits		(\$10,645.45)
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 Glenns 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)		\$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
TOTAL		\$4,497,489.85
Grants Disbursed:		
Completed Grants	\$1,291,110.72	
Arco, City of	\$7,500.00	
Arimo, City of	\$7,500.00	
Bancroft, City of,	\$7,000.00	
Bloomington, City of	\$4,254,86	
Boise City Canal Company	\$7,500.00	
Bonners Ferry, City of	\$7,500.00	
Bonneville County Commission	\$3,375.00	
Bovill, City of	\$2,299.42	
Buffalo River Water Association	\$4,007.25	
Butte City, City of	\$3,250.00	
Cave Bay Community Services	\$6,750.00	
Central Shoshone County Water District	\$7,500.01	
Clearwater Regional Water Project Study, City of Orofino et al	\$10,000.00	
Clearwater Water District	\$3,750.00	
Cottonwood Point Water and Sewer Association	\$7,500.00	
Cottonwood, City of	\$5,000.00	
Cougar Ridge Water & Sewer	\$4,661.34	
Curley Creek Water Association	\$2,334.15	
Downey, City of	\$7,500.00	
Fairview Water District	\$7,500.01	
Fish Creek Reservoir Company, Fish Creek Dam Study	\$12,500.00	
Franklin, City of	\$6,750.00	
Grangeville, City of	\$7,500.00	
Greenleaf, City of	\$3,000.00	
Hansen, City of	\$7,450.00	
Hayden Lake Irrigation District	\$7,500.00	
Hulen Meadows Water Company	\$7,500.00	
lona, City of	\$1,425.64	
Kendrick, City of	\$7,500.00	
Kooskia, City of	\$7,500.00	
Lakeview Water District	\$2,250.00	
Lava Hot Springs, City of	\$7,500.00	
Lindsay Lateral Association	\$7,500.00	
Lower Payette Ditch Company	\$5,500.01	
Maple Grove Estates Homeowners Association	\$5,020.88	
Meander Point Homeowners Association	\$7,500.00	
Moreland Water & Sewer District	\$7,500.00	
New Hope Water Corporation	\$2,720.39	
North Lake Water & Sewer District	\$7,500.00	

Northside Estates Homeowners Association		\$4,492.00	
North Tomar Butte Water & Sewer District	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$3,575.18	
North Water & Sewer District		\$3,825.00	
Parkview Water Association		\$4,649.98	
Payette, City of		\$6,579.00	
Pierce, City of		\$7,500.00	
Potlatch, City of		\$6,474.00	
Preston Whitney Irrigation Company		\$7,500.00	
Preston & Whitney Reservoir Company		\$3,606.75	
Preston & Whitney Reservoir Company		\$7,000.00	
Roberts. City of		\$3,750.00	
Round Valley Water		\$3.000.00	
Sagle Valley Water & Sewer District		\$2,117,51	
South Hill Water & Sewer District.		\$3.825.00	
St Charles, City of		\$5,632,88	
Swan Valley, City of	•••	\$5,000,01	
Twenty-Mile Creek Water Association		\$2 467 00	
Valley View Water & Sower District		\$5,000,02	
Victor City of	*****	\$3,000.02 \$3,750.00	
Wester City of		#3,730.00 #6.601.00	
Weston, Ony of Association		\$0,001.20	
	••••••	\$7,000.00	(64 600 755 04)
TOTAL GRANTS DISBURSED			(31,032,/33.21)
IWRB Expenditures			
Lemhi River Water Right Appraisals		\$31,000,00	
Expenditures Directed by Legislature		•	
Obligated 1994 (HB988)		\$39,985,75	
SB1260, Apuifer Recharge		\$947,000.00	
SB1260, Soda (Caribou) Dam Study		\$53,000.00	
Sugarlnaf Aguifer Becharge 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 Anuifer Management Plan (UB 1400, 2000)		\$801 077 75	
TOTAL IWAB AND LEGISLATIVE DIRECTED EXPENDITUE	RES	001,077,10	(\$2,732,017,19)
			. (01,101,01110)
WATER RESOURCE BOARD RECHARGE PROJECTS			(\$11,426.88)
CURRENT ACCOUNT BALANCE			. \$121,290.57
Committed Funds:			
Grants Obligated			
Cottonwood Boint Mater & Sower Association		\$0.00	
Breston - Whintey Irrigetion Company		\$7,500,00	
Water District No. 1 /Plackfoot Equalizing Pesenvoir Auto	mation	\$7,000.00	
Logislative Directed Obligations	ma	400,000.00	
Eugenlative Directed Obligations		¢4 046 21	
ESBA Sottlement Water Dentals (UB 942, 2004)		94,040.31	
ECDA Monogement Plan (CD 1406, 2004)		\$10,000.00	
ESPA Management Plan (SD 1490, 2000)		00.00	
ESP Aquirer Management Plan (HB320, 2007)	*******	\$46,829.24	
TOTAL GRANTS & LOANS OBLIGATED & UNDISBURSED	A	D=1	. \$111,375.55
Lana Outstandina	Amount	Principal	
Loans Outstanding:	Loaned	Outstanding	
	\$7,500	\$0.00	
Butte City, City of	\$7,425	\$0.00	
Hoberts, City of	\$23,750	\$0.00	
Victor, City of	\$23,750	\$0.00	
TUTAL LUANS OUTSTANDING			. \$0.00
Uncommitted Funds		******	\$9,915.02
CURRENT ACCOUNT BALANCE			. \$121,290.57

#### Memorandum

To: Idaho Water Resource Board
From: Amy Cassel
Date: January 24, 2017
Re: Water Transactions Program – Pole Creek 2017-2035



Pole Creek is a tributary to the Salmon River near the headwaters in the Sawtooth Valley. Pole Creek has the potential to provide high quality habitat for threatened Chinook salmon and bull trout. There was one active diversion on Pole Creek which could seasonally dewater a 2 mile reach of the creek. Salmon Falls Land and Livestock has irrigation and hydropower rights that can divert up to 22 cfs at that diversion.

Salmon Falls Land and Livestock worked with the Sawtooth National Recreation Area (SNRA) to develop a flow and habitat restoration plan that allowed the authorization of their ditch on Federal land. The restoration plan was implemented prior to the 2016 irrigation season and included the installation of 3-phase power to replace 7 cfs of hydropower, transfer of the point of diversion and new fish screen, irrigation system redesign and installation to eliminate pivots crossing the stream, fencing of the riparian corridor, replacement of several culverts with bridges, and the installation of 2 large irrigation wells to replace late season Pole Creek surface water.

Implementation of the restoration plan also included plans for a 20-year water transaction to compensate the landowners for the increased cost of irrigation (3-Phase power to turn pivots and pump groundwater). In 2015, IDWR staff used the irrigation system design and Salmon River Electric Coop rate information to develop power estimates for the new groundwater pumping system. Power costs were estimated to be approximately \$20,000 for the full irrigation season (May – September). This estimate was shared with the landowners prior to the 2016 irrigation season and they were concerned that the estimate would not cover the entire cost of pumping and were unwilling to enter into a 20-year agreement at that price. Staff then requested that the landowners provide their monthly power bills from the 2016 irrigation season to support a revised pumping cost estimate. Actual pumping costs from the 2016 irrigation season were \$19,871.71, very close to the \$20,000 estimate. The landowners have since agreed to base a 19-year agreement not to divert on the new pumping cost estimate. The total transaction cost for Pole Creek is \$695,982.85. Funding for the project is available from the Bonneville Power Administration through the Columbia Basin Water Transactions Program (CBWTP).

Additionally, the landowners will lease a portion of the water right appurtenant to 50 acres not covered by the current system into the water supply bank for protection from forfeiture. Lease fees are \$250 and funds are available from the Bonneville Power Administration through the Columbia Basin Water Transactions Program.

The Streamflow Enhancement and Minimum Streamflow Committee considered this transaction at a meeting held on October 31, 2016 and will provide its recommendation to the full IWRB. A draft resolution is provided for consideration if the IWRB recommends approval of the agreements.

Action Item: Consideration of the attached funding resolution for \$696,232.85 to cover lease fees and enter into a 19-year Agreement Not to Divert to maintain 12-18 cfs in Pole Creek, tributary to the Salmon River. Funds will come from the Columbia Basin Water Transactions Program.



#### BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE POLE CREEK WATER TRANSACTION CONTRACT

A RESOLUTION TO MAKE A FUNDING RESOLUTION

WHEREAS, Chinook salmon, steelhead, and bull trout habitat in the Upper Salmon River basin is limited by seasonally disconnected tributaries; and

)

)

WHEREAS, Pole Creek has been identified as a high priority stream for flow restoration efforts, to provide high quality habitat for anadromous Chinook salmon and steelhead and resident bull trout, and 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; and

WHEREAS, it is in the interest of the State of Idaho to maintain the reconnection of Pole Creek to encourage recovery of ESA-listed Chinook salmon, steelhead, and bull trout fish; and

WHEREAS, the Idaho Water Resource Board has contracted with Salmon Falls Land and Livestock Company to maintain flows of 5-6 cfs since 2005; and

WHEREAS, Salmon Falls Land and Livestock Company has agreed to enter into a nineteen-year agreement not to divert water to maintain minimum flows of 12-18 cfs in Pole Creek; and

WHEREAS, the water user has added two points of groundwater diversion and the funds paid under the agreement will approximate the increased power costs incurred through groundwater pumping and the use of 3-phase power to turn a new irrigation system; and

WHEREAS, Salmon Falls Land and Livestock will lease a portion of Water Right No. 71-10882 into the Idaho Water Supply Bank; and

WHEREAS, said lease will require a one-time application fee of two hundred fifty dollars (\$250); and

WHEREAS, funds are available from the Bonneville Power Administration through the Columbia Basin Water Transaction Program for a nineteen-year agreement not to divert and water supply bank lease; and

WHEREAS, the funds will be placed into the Idaho Water Resource Board (IWRB) Revolving Development Account for annual payment to the water right owners; and

WHEREAS, the Pole Creek transaction is in the public interest and is consistent with the State Water Plan.

NOW THEREFORE BE IT RESOLVED that the IWRB authorizes the Chairman, or his assigns, to enter into a contract with Salmon Falls Land and Livestock Company and/or subsequent owners for an agreement not to divert out of Pole Creek in the amount of six-hundred ninety-five thousand nine-hundred eighty-two thousand dollars and eighty-five cents (\$695,982.85).

NOW THEREFORE BE IT FURTHER RESOLVED that the IWRB authorizes the Chairman, or his assigns, to pay a one-time lease application fee of two hundred fifty dollars (\$250) on behalf of Salmon Falls Land and Livestock Company.

NOW THEREFORE BE IT FURTHER RESOLVED that this resolution is subject to the condition that the IWRB receives the requested funding from the Bonneville Power Administration through the Columbia Basin Water Transaction Program in an amount of six-hundred ninety-six thousand two-hundred thirty-two dollars and eighty-five cents (\$696,232.85).

DATED this 24th day of January, 2017.

ROGER CHASE, Chairman Idaho Water Resource Board

ATTEST: \_

: Vince Alberdi, Secretary Idaho Water Resource Board

#### Memorandum

To:Idaho Water Resource BoardFrom:Amy Cassel

Date: January 24, 2017

Re: Water Transactions Program – 2017 Bohannon Creek



Bohannon Creek is a Lower Lemhi River tributary with ideal habitat for spawning and rearing Chinook salmon and steelhead that is seasonally dewatered due to irrigation withdrawals. The 2004 Snake River Water Rights ("Nez Perce") Agreement commits the state to provide incentives for improving fish habitat which includes improving or protecting flow conditions to augment stream flows.

During the early portion of the irrigation season, Bohannon Creek typically becomes dewatered below the lowest diversion, Bohannon Creek 3 (BHC3), potentially blocking fish passage and placing fertilized steelhead eggs (redds) at risk of drying up during the critical incubation period. For the last three years, Idaho Department of Fish and Game staff have observed steelhead redds (spawning nests) in Bohannon Creek downstream of BHC3. The BHC3 diversion was not on at the time, but the water users were planning to turn on, potentially dewatering the stream and drying up the incubating eggs.

In order to prevent that from occurring, Idaho Department of Fish and Game (IDFG), IWRB staff, and the Governor's Office of Species Conservation (OSC) worked with Bohannon Creek irrigators to maintain flows in the lower reaches. IDFG and OSC repaired an underperforming pump that diverts Lemhi River water to the same ground that BHC3 irrigates. IWRB staff also developed two one-year transactions to compensate water users for spilling up to 2 cfs in lower Bohannon. Maintaining a target flow of 2 cubic feet per second below the Bohannon Creek 3 facilitated the incubation of steelhead eggs in the lowest reach of Bohannon Creek.

The long-term plan to address flow limitations on lower Bohannon Creek is to eliminate the BHC3 diversion and have the water users divert from a Lemhi River ditch. IDFG has secured funding to make the infrastructure changes to accomplish the source switch and is close to resolving issues related to system design and diversion from existing Lemhi ditches. In order to prevent steelhead redd dewatering in the interim, staff proposes another set of agreements to maintain a minimum flow of 2 cfs below the BHC3 diversion from April 1 to June 30, 2017. Compensation would be \$80.65/24-hr cfs, the same rate the IWRB currently pays for subordination to the Lemhi River minimum stream flow water right. The compensation would cover the Lemhi River pumping costs and some loss in production. The total compensation would not exceed \$14,678.

The transaction would also require the Watermaster of Water District 74C to visit the BHC3 diversion daily during that period, which is above and beyond his typical watermaster duties. The Water District has requested \$600 to compensate the watermaster for his additional duties.

The Streamflow Enhancement and Minimum Streamflow Committee considered this transaction at a meeting held on October 31, 2016 and will provide its recommendation to the full IWRB. A draft resolution is provided for consideration if the IWRB recommends approval of the agreements.

#### Action Item:

Consideration of the attached funding resolution for \$15,278 to enter into two one-year minimum flow agreements to reconnect Bohannon Creek, tributary to the Lemhi River with Dale Jolley and Eagle



Valley Ranch LLC. Funds will come from the Bonneville Power Administration through the Columbia Basin Water Transactions Program.

#### BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE ) 2017 BOHANNON CREEK ) WATER TRANSACTION ) CONTRACT\_\_\_\_\_)

#### A RESOLUTION TO MAKE A FUNDING COMMITTMENT

WHEREAS, steelhead and juvenile Chinook salmon habitat in Bohannon Creek is limited by low flow in the lower reaches of Bohannon Creek; and

WHEREAS, Bohannon Creek provides steelhead and juvenile Chinook salmon habitat and 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; and

WHEREAS, it is in the interest of the State of Idaho to protect flows in Bohannon Creek to encourage recovery of ESA-listed steelhead and Chinook Salmon; and

WHEREAS, staff has now negotiated a short-term agreement with the Bohannon Creek water users not to divert water at the BC3 diversion to maintain target flows of 2 cubic feet per second and facilitate the incubation of steelhead eggs; and

WHEREAS, administration of the short-term agreements has increased the burden on the watermaster of WD 74C; and

WHEREAS, a request for \$600 has been submitted to the Columbia Basin Water Transaction Program to be used to compensate Water District 74C for the increased administrative duties; and

WHEREAS, a proposal for \$15,278 has been submitted to the Columbia Basin Water Transactions Program for approval and funding from Bonneville Power Administration; and

WHEREAS, the Bohannon Creek transactions are in the public interest and in compliance with the State Water Plan.

NOW THEREFORE BE IT RESOLVED that the IWRB authorizes the Chairman to enter into contracts with E Dale Jolley and Eagle Valley Ranch LLC, or their successors, for agreements not to divert out of Bohannon Creek using an amount not to exceed \$14,678 (\$7,339 per party.)

NOW THEREFORE BE IT RESOLVED that the IWRB authorizes the Chairman to enter into contract with Water District 74C for administration of agreements not to divert out of Bohannon Creek using an amount not to exceed \$600.

NOW THEREFORE BE IT FURTHER RESOLVED that this resolution is subject to the condition that the IWRB receives the requested funding from the Bonneville Power Administration through the Columbia Basin Water Transactions Program in an amount of up to \$15,278.

DATED this 24th day of January, 2017.

ROGER CHASE, Chairman Idaho Water Resource Board

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

Water Supply Bank ESPA Ground Water Rental Policy

> Remington Buyer Water Supply Bank Coordinator January 23, 2017





### Discussion



2) Definitions of the Eastern Snake Plain Aquifer (ESPA)







3) Current Water Supply Bank rental policies for ESPA ground water

4) ESPA GW rental policy alternatives for consideration by the IWRB







## IWRB Oversight of WSB Rentals

"The water resource board shall adopt rules and regulations governing the management, control, delivery and use and distribution of water to and from the water supply bank in compliance with chapter 52, title 67, Idaho Code."

(IC 42-1762)





The Water Supply Bank is seeking procedural guidance from the Water Resource Board regarding mitigation policies for rentals of Eastern Snake Plain Aquifer (ESPA) ground water, specifically, ground water within the newly designated ESPA ground water management area (GWMA).











### Defining & Transferring ESPA Ground Water













## The ESPA Transfer Tool & GW Rentals













### The ESPA Ground Water MGMT Area













## Mitigating GW Rentals w/n the GWMA

11 Snake River reaches, including springs

Full mitigation is required for WSB GW rentals that increase depletions to a reach by 10% AND 2/AF per trimester.

Are the current mitigation requirements sufficient for Water Supply Bank rentals that propose bringing GW rights into the GWMA from outside the GWMA?

> \*Transfer Memo #24 Transfers of GW rights into a GWMA are not permissible unless acceptable mitigation is proposed to prevent injury to other water rights.











### Policy Alternatives for ESPA GWMA Rentals

Policy Options	Policy Benefits	<b>Policy Limitations</b>
1. Take no action	Requires no changes to current WSB administration	Allows for possible increased depletionary impacts to river and spring reaches from ESPA GWMA
2. Require full mitigation for rentals that import GW rights into the ESPA GWMA	No increased depletion impacts to river and spring reaches if GW rentals rent PODS within the ESPA GWMA	Increases the complexity and difficulty associated with renting certain ground water rights within the boundaries of the ESPA GWMA
3. Allow for GW rights to be rented across the ESPA GWMA boundary, contingent upon a "cut to the aquifer"	Simple to administer, requires little change to current WSB administration and it will enhance GW flows to the ESPA and Snake River reaches	Impacts to GW flows within the ESPA GWMA may not always be avoided











## **Questions and Discussion**



#### Memorandum

To: Idaho Water Resource Board

From: Remington Buyer

Date: January 31, 2017



Re: Water Supply Bank Eastern Snake Plain Aquifer Ground Water Rentals

Action Item: The Board may approve a resolution that provides procedural guidance to the Water Supply Bank.

Much of the naturally flowing ground and surface waters of Southern and Eastern Idaho flow into the Eastern Snake Plain Aquifer (ESPA)<sup>1</sup>. The ESPA is a vital and strategic water resource. It is also an impaired water resource. During the past half century, the pumping of ground water from the ESPA and its tributary basins has impacted the amount of water flowing into, through and from the ESPA, which has changed reach gains within the Snake River as well discharges from Idaho's Thousand Springs area.

In part due to changes in ground water supplies within the ESPA, water users have made injury calls which have resulted in IDWR curtailment orders being issued and mitigation activities and negotiated settlements being undertaken. The Idaho Water Resources Board (IWRB; Board) is committed to supporting efforts that resolve disputes between ESPA water users, and which stabilize the ESPA.

Sustainability for the ESPA requires ensuring that the supply of ground water within the aquifer remains sufficient to serve present and future water user needs. To help achieve sustainability of the ESPA, the Board may establish policies that guide administration of temporary ESPA ground water rentals from the Water Supply Bank.

#### Eastern Snake Plain Aquifer Ground Water Transfers

The Idaho Department of Water Resources (IDWR) may authorize transfers of ground water within the basins of the ESPA, including from and to basins adjacent and tributary to the ESPA. Acceptable ESPA ground water transfers must establish a hydraulic connection between the different ground water locations and the impacts to ground water flows caused by any ground water transfer must be modeled to ensure it meets acceptable transfer parameters. An IDWR-approved transfer tool exists to assist water users in modeling ground water movements into, within and from the ESPA.<sup>2</sup>

<sup>&</sup>lt;sup>1</sup> The boundaries of the ESPA are fluid, however an accepted extent of the boundaries of the ESPA is the area of common ground water as described in the USGS report: <u>Hydrology and Digital Simulation of the Regional Aquifer</u> <u>System, Eastern Snake River Plain, Idaho, USGS Professional Paper 1408-F, 1992</u>, which is referenced in Rule 50 of IDWR's Conjunctive Management Rules (IDAPA 37.03.11)

<sup>&</sup>lt;sup>2</sup> The model boundary extent of the transfer tool includes the ESPA area of common ground water, as well as some additional ground water basins, tributary to the ESPA.
Transfer tool modeling outputs include graphic visualizations of changes to reach gains within eleven distinct segments of the Snake River. IDWR utilizes the transfer tool to evaluate both permanent water right transfers as well as temporary transfers (Water Supply Bank rentals). The IWRB shares with IDWR a responsibility for considering the impacts attributable to temporary ESPA ground water rentals authorized via the Water Supply Bank.<sup>3</sup>

Presently, mitigation must be provided for any Water Supply Bank ESPA ground water rental where transfer tool modeling indicates that, within a four month (trimester) period, the transfer will increase relative depletions within one of the eleven Snake River reaches by a factor equal to or greater than 10% *and* if the rental will also increase absolute depletions to a reach by 2 acre-feet (AF) or more. However, if a transfer increases relative depletions by less than 10% or, if real depletions to a reach remain less than two AF per trimester, mitigation is not required.

In addition to the mitigation policy specific to ESPA ground water transfers, IDWR Transfer Memorandum #24 further articulates that mitigation is required for any ground water transfer if a ground water point of diversion will enter into a Ground Water Management Area (GWMA) from outside the boundaries of a GWMA.<sup>4</sup> This is relevant as the Director of IDWR has recently designated a GWMA for the ESPA.<sup>5</sup> The designated ESPA GWMA boundary closely resembles the boundary of the ESPA area of common ground water, however it is smaller than, and largely within the boundaries of the ESPA transfer tool model boundaries.

<sup>&</sup>lt;sup>3</sup> Idaho Code 42-1761: "The water resource board shall have the duty of operating a water supply bank" and IC 42-1762: "the water resource board shall adopt rules and regulations governing the management, control, delivery and use and distribution of water to and from the water supply bank..."

<sup>&</sup>lt;sup>4</sup> "[If] the point of diversion for a ground water right would move from outside the boundaries of a critical ground water area (CGWA) or ground water management area (GWMA) to within the boundaries of a CGWA or GWMA...[such] an application...is not approvable unless the applicant proposes acceptable mitigation to prevent injury to other water rights." Transfer Memorandum #24, 5.c(6), Page 22, accessible from: <u>https://www.idwr.idaho.gov/files/water-rights/transfer-process-24-transfer-processing-policies-and-procedures.pdf</u>

<sup>&</sup>lt;sup>5</sup> Order Designating the Eastern Snake Plain Aquifer Ground Water Management Area, accessible from: <u>http://idwr.idaho.gov/files/legal/orders/20161102-Order-Designating-the-Eastern-Snake-Plain-Aquifer-GWMA.pdf</u>



Figure 1. Boundaries of different ESPA administrative areas

The Water Supply Bank is routinely called upon to consider ESPA ground water rentals that propose moving ground water points of diversion across the various ESPA boundaries identified in Figure 1. Where the points of diversion are seeking to exit the ESPA, by moving into tributary, hydraulically connected ground water basins, such rentals can be approved, subject to standard injury, enlargement and local public interest reviews. However, the Board should consider the alternative movement, which is to move ground water points of diversion from the periphery, tributary basins of the ESPA, to within the nascent ESPA GWMA boundary.

Presently, the Department accepts that the mitigation required to move a ground water right from outside the ESPA GWMA to inside the ESPA GWMA may be equivalent to the mitigation thresholds of the ESPA transfer tool process. This means that the movement of ground water rights across and into the ESPA GWMA boundary may be acceptable provided that such movements do not increase depletions within the ESPA GWMA by more than a factor of 10% or 2AF per trimester. This is important because it means that Water Supply Bank rentals can increase depletions within the ESPA GWMA, provided that any such depletions remain below the 10%/2AF per trimester threshold.

Through its oversight of Water Supply Bank operations, the Board may issue guidance to the Water Supply Bank relative to the acceptability of these mitigation requirements for ground water rentals that cross the boundaries of the ESPA GWMA. The Board may propose specific mitigation requirements for any Water Supply Bank rental that proposes to bring a ground water right into the ESPA GWMA, across the GWMA boundary. Three options are proposed for the Board's consideration:

1) Take no action and allow for continued temporary transfers of ground water points of diversion across the boundaries of the ESPA GWMA, contingent upon continued approval of such rentals by IDWR; or

2) Do not allow Water Supply Bank rentals where ground water points of diversion would be transferred from outside the boundaries of the ESPA GWMA to inside the ESPA GWMA, if such a transfer would result in increased depletions of ground water within the GWMA; or

3) Allow for the rental of ground water points of diversion across the boundaries of the ESPA GWMA, contingent upon acceptable parameters being established through ground water modeling, and inclusive of an obligatory "cut to the aquifer" which could be a percentage and/or volumetric amount subtracted from the leased volume of a water right being rented across and within the boundaries of the GWMA.

The Board is called upon to consider the three options above and to issue procedural guidance to the Water Supply Bank. A draft resolution is also provided for the Board's consideration. A presentation summarizing this memo will be delivered during the IWRB work session.

#### BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF MITIGATION)REQUIREMENTS FOR WATER SUPPLY)BANK RENTALS OF GROUND WATER)RIGHTS WITHIN THE EASTERN)SNAKE PLAIN AQUIFER GROUND)WATER MANAGEMENT AREA)

A RESOLUTION

WHEREAS, pursuant to Idaho Code 42-1762, the Idaho Water Resource Board is charged with adopting rules and regulations governing the management, control, delivery and use and distribution of water to and from the Water Supply Bank, and

WHEREAS, the Board is committed to the sustainability of the Eastern Snake Plain Aquifer (ESPA) ground water resource, and

WHEREAS, the sustainability of the ESPA can be improved through reduced ground water depletions within the Ground Water Management Area (GWMA) for the ESPA, as designated by the Director of IDWR;

NOW THEREFORE BE IT RESOLVED that Board directs the Water Supply Bank to approve the rental of ground water rights within the boundaries of the ESPA GWMA, contingent upon: continued approval by IDWR of such rentals or such rentals not causing increased depletions of ground water within the ESPA GWMA or such rentals including a defined percentage and/or volume of ground water to be rented and left undiverted, to be dedicated as inflow to the Eastern Snake Plain Aquifer.

Dated this \_\_\_\_\_ day of May, 2016.

ROGER W. CHASE Idaho Water Resource Board Chairman

Attest:

VINCE ALBERDI Secretary

# JDAHO

Water Resource Board



### Boise River Feasibility Study Results and Next Steps

Presented to the Idaho Water Resource Board

September 23, 2016 Cynthia Bridge Clark (IDWR) Google Earth



### Boise River General Investigation (GI) Feasibility Study

- Project status results & reformulation efforts
- Storage Committee meeting
- IWRB Action Required
- Next Steps





# **Background / Purpose**

- IWRB partnered with Corps to investigate projects to meet water supply and flood risk reduction needs in the Treasure Valley
- IWRB authority
  - Legislative direction to investigate additional water storage for multiple purposes (flood control, water supply, other) – HJM8
  - Evaluate storage to meet future water needs identified in the draft TV CAMP
- Corps authority
  - WRDA 2007, Section 4038 added water supply and ecosystem restoration to Corps Authority
  - IWRB awarded \$500,000 credit toward study for previous planning efforts on Boise River
  - Corps presence in the basin (Lucky Peak)





### **Boise GI Feasibility Study Results**

- May 2016 Results presented to IWRB Water Storage Projects Committee
- IWRB requested Corps to develop reformulation concepts
- IWRB requested Corps and USBR work together





### Measures evaluated:

- Arrowrock Dam raise (30 to 70 ft)
- Upgrade bridges
- Diversion structure replacement / headgate upgrades
- Eagle Island Flow Split
- Temporary conveyance in floodplain (e.g. parks)
- Controlled flooding of pits/ponds
- Replace push-up dams
- Aquifer recharge
- Non-structural







- An Arrowrock Dam raise provided the most flood risk reduction benefits and all of the water supply benefits
- Using new storage <u>only for flood risk reduction</u> can reduce large flood peaks up to 80%
- Using new storage for <u>Joint Use</u> purposes allows additional reliable water supply up to 120 kaf and an almost 40% reduction in large flood peaks
- Other measures provided varying levels of effectiveness at reducing flood risk; very localized impacts





- For the Corps, federal interest exists when the benefits of the project exceed the costs over a 50 year period of analysis (Cost Benefit Ratio of 1.0 or higher)
- For a flood risk management project (primary purpose), the reduction in flood damages resulting from a completed project must exceed the estimated costs to construct and maintain the project for 50 years.
- Results of the benefits and cost analysis indicate the costs exceed benefits for each Arrowrock Dam raise alternative. Therefore, federal interest cannot be justified.





### **Flood Damage Analysis (FDA) Results**

Project	Annual Damages	Annual Benefits	First Costs	Annual Costs	Benefit-Cost Ratio
Without	\$29,808,840	-	-	-	-
50ft Raise	\$12,181,880	\$17,626,950	\$1,146,675,000	\$49,207,300	0.4
60ft Raise	\$8,398,470	\$21,410,360	\$1,231,405,000	\$52,829,500	0.4
70ft Raise	\$3,624,800	\$26,183,950	\$1,264,299,000	\$54,240,700	0.5





### **Economic Analysis (SCRB Method)**

	Flood Risk Management	Water Supply	Total
Average Annual Benefits	\$26,183,950	\$11,606,600	\$37,790,550
Single Purpose Alternative Cost	\$54,240,680	\$11,606,600	\$65,847,280
Limited Benefits/Costs	\$26,183,950	\$11,606,600	\$37,790,550
Separable Costs	\$1,411,210	-	\$1,411,210
Remaining Benefits	\$24,772,740	\$11,600,600	\$36,379,340
Percent of Total	68%	32%	
Joint Costs			\$52,829,470
Allocated Joint Cost	\$35,974,560	\$16,854,910	
Total Allocation	\$37,385,770	\$16,854,910	\$54,240,680
Benefit-Cost Ratio	0.7	0.7	





Arrowrock Dam 70 ft Raise			
Total Project Cost			
Schedule (TPCS)	\$1,264,299,000		
Water Available	85 KAF		
			Sponsor Cost per
Project Purpose			acre-foot Water
Cost Allocation	Federal Portion	Sponsor Portion	Supply
(68% FRM, 32% WS)	(65% FRM, 0% WS)	(35% FRM, 100% WS)	
\$859,723,320	\$558,820,158	\$300,903,162	
\$404,575,680	\$0	\$404,575,680	\$4,760
Total	\$558,820,158	\$705,478,842	\$8,300

TPCS: Includes construction costs (includes road relocation, bridge replacements, recreation facility replacement), environmental mitigation, lands and damages, planning engineering and design, construction management.









**Modified Spillway Crest Concept** 

# Reformulation

- Corps & USBR revisited previously screened projects, developed additional alternatives
- Preliminary evaluation to determine viability
  - ➤Water supply yields
  - Flood risk potential
  - Economics





### **Additional Measures Evaluated for Reformulation**

SITE	CAPACITY	STUDY AUTHORITY / PURPOSE
Barber Flats Dam (New Construction, 330 Feet)	190,000 AF	Reclamation PL111-11 / Storage- Corps / Flood Risk and Water Supply
Barber Flats Dam (New Construction, 220 Feet)	80,000 AF	Reclamation PL111-11 / Storage Corps / Flood Risk and Water Supply
Alexander Flats Dam (New Construction, 300 Feet)	90,000 AF	Reclamation PL111-11 / Storage Corps / Flood Risk and Water Supply
Arrowrock Dam Raise of 10 Feet	20,000 AF	Reclamation PL111-11 / Storage Corps / Flood Risk and Water Supply
Lucky Peak Pool Raise of 4 Feet	10,000 AF	Reclamation PL111-11 / Storage Corps / Flood Risk and Water Supply
Garden City Levee		Corps / Flood Risk
New York Canal Bypass to Snake River	2,700 CFS	Corps / Flood Risk
Anderson Ranch Dam Raise of Six Feet	29,000 AF	Reclamation PL111-11 / Storage
Anderson Ranch Dam Raise of More Than Six Feet	> 29,000 AF	Reclamation PL111-11 / Storage
Arrowrock Dam Raise of More than 10 Feet	> 20,000 AF	Reclamation PL111-11 / Storage





# **Corps & USBR Collaboration**

- Agency meetings July & August 2016
- August presentation of "reformulation" ideas to IWRB Committee and staff
- None of the reformulation ideas met Corps FRR obligations
- Agencies concluded USBR authorities and capabilities may be more appropriate for a water supply project

# Water Resource Board





# **Completed Products**

- Water Storage Screening Analysis (2010)
- Preliminary Analysis of Arrowrock Site (2011)
- Completed flood risk and water supply analysis
  - Completed River Hydraulics Analysis (HEC-RAS)
  - Completed Reservoir Modeling (Riverware)
  - Completed economic data collection and evaluation (Flood Damage Assessment) model
- Alternatives Analysis
- Cost Estimates for all measures
- Real Estate appraisals for all measures
- Draft EIS/NEPA Report for all alternatives (70% complete)

Photos courtesy of Corps





### **Project Funding Status**

Study Authorization \$3.5M Federal Expenditures \$1.4M, (\$350K remaining) Sponsor Expenditures \$1.37M (\$350K not yet requested)

- Sponsor Funds \$1.37M (includes \$100K WIK)
- \$30K sponsor funds available to close out project
- Additional funds may be requested based on agreed upon final products





## **Next Steps / Recommendations**

- Corps recommends the General Investigation Feasibility Study be terminated - unable to identify viable project under reformulation alternatives
- Corps will work with IDWR staff to transfer data and reports generated from the study
- Complete fiscal closeout
- IWRB consider resolution to terminate study





## **Next Steps / Questions**

- USBR Feasibility Study
  - Complete Expanded Hydrologic & Climate Change Modeling Analysis – April 2017
  - Includes Anderson 6ft+ raise, Arrowrock 10ft raise, Lucky Peak Pool raise 4ft
  - Schedule Storage Committee to review results and other project commitments (w/ interested water users)
- November 18, 2017 Storage Committee comments
- IWRB consider recommendation to terminate study

#### Memorandum

To: Idaho Water Resource Board

From: Cynthia Bridge Clark

Date: January 13, 2017

Re: Boise River Feasibility Study/General Investigation



The following is a briefing memorandum for the Boise River Feasibility Study (study), a study performed by the U.S. Army Corps of Engineers (Corps) in partnership with the Idaho Water Resource Board (IWRB). A more detailed update will be provided by staff at the upcoming IWRB Work Session on January 23, 2017.

#### Background

- The Corps and IWRB entered into a Federal Cost Share Agreement (FCSA) in 2013 to complete a feasibility study of alternatives to address flood risk and water supply needs in the Treasure Valley. The feasibility study built on results from the 2010 *Water Storage Screening Analysis* and 2011 *Preliminary Analysis of the Arrowrock Site.*
- A number of alternatives (measures) were evaluated based on potential flood risk reduction and water supply enhancement in the Treasure Valley. Alternatives included the Arrowrock Dam raise, managed aquifer recharge, upgraded irrigation headgates, replacement of push-up dams, bridge upgrades, controlled flooding of pits/ponds, temporary conveyance of water in the floodplain, flow split structure, and other non-structural measures.
- The Arrowrock Dam raise was identified as having the most significant flood risk reduction and water supply benefits. Detailed reservoir modeling, cost engineering, real estate impacts analysis and Environmental Impacts Statement (EIS) activities were performed on the Arrowrock Dam for heights ranging from 30 to 74 feet. The analysis also incorporated several downstream flood risk measures. The Corps coordinated modeling and engineering analyses with the U.S. Bureau of Reclamation (Reclamation), the owner of Arrowrock Dam; worked with local county and highway district authorities to develop mitigation alternatives associated roadways impacted by the Arrowrock Dam raise; and coordinated with federal agencies in the environmental evaluation and compliance process.

#### Status

- Results of the hydrologic and economic modeling indicated that costs exceeded benefits for all of the dam raise options. Policy requires a Benefit to Cost Ratio (BCR) of 1.0 or greater for the primary purpose of the project (flood risk management). The Corps reported a BCR of 0.7. Based on the results, the Corps cannot pursue a raise of Arrowrock Dam or recommend the project for Congressional authorization at this time.
- May 2016:
  - The Corps reported results of the analyses to the IWRB Water Storage Projects Committee. The IWRB was asked to consider whether to terminate the study and finalize work products, or to request reformulation of the study to evaluate other options with sufficient flood risk

reduction and water supply benefits relative to project costs to justify ongoing Corps involvement.

- Reclamation also has authority to study new storage in the Treasure Valley and is in the process of identifying whether there is interest in studying a raise of Anderson Ranch Dam. Given the common interest in the viability of new storage to satisfy multiple needs, the committee asked the two agencies to work together to identify reformulation concepts and options for collaboration.
- November 2016: The Corps and Reclamation reported back to IWRB representatives in August 2016 and to the Water Storage Projects Committee in November.
  - They reviewed the outcome of several workshops between the agencies, and discussed alternatives identified for reformulation or future consideration. The most promising options included a 6 ft raise of Anderson Dam, 10 ft raise of Arrowrock Dam and a 4 ft pool raise at Lucky Peak reservoir. Reclamation reported this would require an expansion of the current proposal to study a raise of only Anderson Ranch Dam. This would ultimately extend the schedule, increase the study scope and budget, and require an extension to its feasibility study authority from Congress. Reclamation is willing to consider the "expanded feasibility study" scope if there are interested partners.
  - It was reported that none of the measures evaluated for reformulation would meet the Corps' obligation to provide significant flood damage reduction benefits and the two agencies concluded that a partnership with Reclamation would be more appropriate for the study of new storage for water supply.
  - The agencies discussed potential next steps: 1) Corps recommended termination of the Boise Feasibility Study; 2) Reclamation offered to complete a preliminary hydrologic and climate change analysis to estimate the probability of physical fill associated with the "expanded feasibility study" concept. The same analysis was performed for the proposed raise of Anderson Ranch Dam. The varied model runs are intended to be used for comparison purposes in refining a potential feasibility study scope of work.
- Committee discussion and recommendations:
  - > The Committee recommended termination of the Corps' study.
  - The Committee was supportive of Reclamation's proposal to perform hydrologic and climate change modeling on for the expanded study scope (Reclamation anticipates study results by April 2017).
  - Committee questions and concerns included: the proposed length of the time for Reclamation to complete the study based on the expanded scope; request for a more detailed scope of work, schedule, budget and clearly identified study products; and further explanation of a method for defining the cost per acre-foot for a new water supply from both agencies.

#### **Required Actions and Next Steps**

- IWRB consideration of a resolution to terminate the Boise Feasibility Study with the Corps.
- If the IWRB approves study termination, staff will coordinate close-out activities, deliverables and data transfer with the Corps.

• Schedule a Water Storage Projects Committee to discuss the results of Reclamation's hydrologic and climate change analysis of the Anderson Ranch, Arrowrock and Lucky Peak scenarios, and to discuss in more detail, the potential costs, schedule and scope of work of a feasibility study performed by Reclamation.

**REQUIRED ACTIONS:** The resolution will be provided for IWRB consideration to finalize the current findings from the Boise River Feasibility Study and to authorize termination of the associated FCSA between Corps and the IWRB.

#### BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF	)	<b>RESOLUTION TO APPROVE</b>
THE BOISE RIVER	)	TERMINATION OF THE FEDERAL
FEASIBILITY STUDY	)	COST SHARE AGREEMENT

WHEREAS, House Joint memorial No. 8 (HJM 8) passed and approved by the 2008 Idaho Legislature encouraged the Idaho Water Resource Board (IWRB), in coordination with other public and private entities, to initiate and complete the study of additional water storage projects in the state of Idaho including, but not limited to, the study of Twin Springs Dam in the Boise River drainage; and

WHEREAS, House Bill 428 passed and approved by the 2008 Idaho Legislature directed the IWRB to conduct the statewide comprehensive aquifer planning and management effort, including evaluation of additional surface water storage, and House Bill 644, also passed and approved by the 2008 Idaho Legislature, created the Aquifer Planning and Management Fund and provided funds to carry out the statewide comprehensive aquifer planning and management effort; and

WHEREAS, the IWRB initiated the Treasure Valley Comprehensive Aquifer Management Plan, and the Lower Boise River Interim Feasibility Study (Interim Feasibility Study) was one of the associated technical studies designed to assess water storage potential in the Boise River drainage; and

WHEREAS, on May 29th, 2009, the IWRB and the U.S. Army Corps of Engineers (Corps) executed a Federal Cost Share Agreement (FCSA) to implement the Interim Feasibility Study with the IWRB as the non-federal study sponsor; and

WHEREAS, a portion of the Interim Feasibility Study was fulfilled and documented through the Water *Storage Screening Analysis and Lower Boise River Interim Feasibility Study, Preliminary Evaluation of Arrowrock Site* reports, completed August 2010 and October 2011 respectively; and

WHEREAS, in 2012 the Corps implemented the SMART Planning initiative which modified the criteria by which the Corps implemented the feasibility study process. SMART planning was intended to streamline the study process and required that all on-going studies amend existing agreements to conform to modified planning requirements. Compliance with the modified planning process resulted in an increase in the scope of the Interim Feasibility Study; and

WHEREAS, House Bill 479 passed and approved by the 2014 Idaho Legislature appropriated \$1.5 million to complete the Boise River Feasibility Study (Study); and

WHEREAS, the IWRB approved a resolution, dated November 5, 2014, authorizing the expenditure of up to \$1.5 million from the Revolving Development Account for completion of the Boise River Feasibility Study; and

WHEREAS, on January 30, 2015, the IWRB and the Corps executed an amendment to the Interim Feasibility Study FCSA to authorize completion of the Lower Boise River Feasibility Study, also referred to as the Boise River Feasibility Study, to evaluate alternatives to reduce flood risk and increase the amount of water available for use in the Boise River watershed; and

WHEREAS, a raise of Arrowrock Dam appeared to be the most promising alternative to meet flood risk reduction and water supply needs; and

WHEREAS, Corps policy guidance dictates that a federal interest exists when the benefits of the proposed project exceed the costs over a fifty (50) year period of analysis (Cost Benefit Ratio of 1.0 or higher); and

WHEREAS, after completion of extensive hydrologic and economic modeling, the Corps determined that, based on current potential damage conditions, costs exceeded the benefits of the Arrowrock Dam raise options; however, the study established a need for additional water and significant flood risk reduction in the Treasure Valley; and

WHEREAS, based on the results, there was no federal interest by the Corps in a project to significantly raise Arrowrock Dam at this time; therefore, the Corps recommended termination of the study; and

WHEREAS, results of the study and the Corps' recommendation were presented to the IWRB's Water Storage Projects Committee (Committee), and on November 18, 2016 the Committee voted to recommend termination of the Boise River Feasibility Study to the full IWRB; and

NOW, THEREFORE, BE IT RESOLVED the IWRB approves termination of the Boise River Feasibility Study FCSA between the Corps and the IWRB and authorizes initiation of project close-out activities in accordance with the FCSA.

NOW, THEREFORE, BE IT FURTHER RESOLVED the IWRB will continue to investigate new surface water storage to help meet future water needs in the Treasure Valley in accordance with the Idaho State Water Plan and HJM 8.

NOW, THEREFORE, BE IT FURTHER RESOLVED the IWRB encourages the Corps to coordinate with the U.S. Bureau of Reclamation to leverage resources for the development of multi-purpose water projects, and to coordinate with cities, counties and other entities to develop projects that reduce flood risk in the Treasure Valley.

Dated this 24<sup>th</sup> day of January 2017.

ROGER W. CHASE, Chairman Idaho Water Resource Board

Attest: \_

Vince Alberdi, Secretary Idaho Water Resource Board

### MEMO

To:	Idaho Water Resource Board	TT TT
From:	Rick Collingwood	AESOURCE
Date:	January 24, 2017	
Subject:	Lost Valley Reservoir Company Automated Flow Control & Monitoring and Mo	easuring Devices Project

Action Item: Idaho Water Resource Board (Board) shall consider a request to provide funding to the Lost Valley Reservoir Company (LVRC) for the design and installation of flow control automation equipment, and monitoring and measuring devices for the Lost Valley Reservoir (project) in Adams County, Idaho.

#### **INTRODUCTION**

The Lost Valley Reservoir is located on Lost Valley Creek, tributary to the Weiser River and 16 miles north of Council in Adams County, Idaho. The dam is owned and operated by the LVRC, which is comprised of 74 shareholders. The reservoir has a total storage capacity of 10,000 acre-feet, and provides supplemental water for four (4) irrigation companies that divert water from the Weiser River to irrigate approximately 11,000 acres in the Council, Cambridge, and Midvale areas.

The Lost Valley Reservoir dam is a 31- foot high earthen structure with a manually operated 48-inch slide gate to control reservoir discharge. The gate control is located on top of the dam and since there is no security structure or fencing around the slide gate control, the hand wheel remains locked. Water surface elevations are monitored with staff gages located on the spillway wall and the upstream face of the dam. There are no flow measurement devices in place to measure discharge from the reservoir.

Last May, Board staff received a cost share funding assistance request from the LVRC for the project to improve operation of the dam in order to optimize available water supplies. Doug McAlvain, president of LVRC, presented the project proposal to the Board on May 19, 2016. A completed proposal, including final costs and approved plans and specifications, were submitted to Board staff on October 17, 2016.

#### **PROPOSED PROJECT:**

LVRC hired an engineering consultant and a water control equipment company to design and install the flow control monitoring and measuring devices, automation equipment, and necessary infrastructure for the project. The proposed project included construction of an expanded concrete control gate pad and security fencing, installation of automated control equipment for the operation of the 48-inch slide gate, installation of a reservoir water depth monitoring device, and installation of a data logger at the downstream bridge to measure reservoir discharge flows. On September 7, 2016, the Departments Dam Safety Department approved the dam modification plans. See Attachment 'A' – Proposal, and Attachment 'B' – Mechanical Control Modification Plans.

On November 28, 2016, LVRC's engineer submitted a letter to Board staff confirming that the installation and initial testing of the automated equipment was completed in August, and the equipment was placed in full operation in September, 2016. Additional testing and adjustment of the automation equipment will be performed in the spring of 2017 upon filling of the reservoir. Attached to the letter were photos of the installed equipment and devices.

#### FUNDING BREAKDOWN

The total project cost was \$25,330.00. LVRC is requesting financial assistance from the Board to offset a portion of the costs of the project. The cost breakdown was:

- Automation, monitoring, and measuring equipment \$16,950.00
- Concrete gate control pad and security enclosure \$8,380.00

#### BENEFITS

According to the LVRC, the dam operator travels to the dam on average twenty (20) times each irrigation season to perform regular operation and maintenance procedures, such as monitoring reservoir water surface levels and discharges. It takes approximately 45-minutes for the dam operator to travel to the dam. The newly installed automated flow control equipment, reservoir water surface monitoring device, and data logger for reservoir discharge measurements, will transmit current data and information and allow the dam operator to perform dam operations from a remote location. The ability to remotely monitor water levels and make adjustments to the discharge rates at the dam will allow the LVRC to more efficiently manage water supplies, and reduce operation and maintenance costs.

#### **RECOMMENDATION:**

The Department is taking steps to require the installation of measuring devices within Water District 67. The proposed project is consistent with IDWR's efforts to improve administration of water rights in the basin, and is in the public interest and consistent with the objectives outlined in the State Water Plan. Given that the project will allow LVRC water users to improve management of available water supplies and possibly increase the amount of water available, staff recommends approval of the LVRC funding request.

#### **BEFORE THE IDAHO WATER RESOURCE BOARD**

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IN THE MATTER OF WATER MANAGEMENT AND SUSTAINABILITY A RESOLUTION APPROVING FUNDING FOR THE LOST VALLEY RESERVOIR COMPANY AUTOMATED FLOW CONTROL & MONITORING DEVICES PROJECT

WHEREAS, on May 20th, 2016, the IWRB adopted the 2017 fiscal year budget authorizing funds from the Secondary Aquifer Fund for statewide water improvement and sustainability projects; and

WHEREAS, Lost Valley Irrigation Company (LVRC) owns and operates the Lost Valley Reservoir, located on Lost Valley Creek in the Weiser River Basin; and

WHEREAS, on May 19, 2016, LVRC submitted a proposal to the Board to seek funding for the installation of automated flow control and monitoring devices; and

WHEREAS, LVRC currently regulates discharge from the reservoir by manually operating the Lost Valley Reservoir outlet works, and has not had devices or equipment in place to measure discharge flows from the reservoir; and

WHEREAS, the installation of the proposed automated flow control and monitoring devices will enable LVRC to remotely operate the existing slide gate to control discharges from the reservoir, monitor reservoir water surface elevations, and measure reservoir discharge flows; and

WHEREAS, LVRC completed the construction of the required infrastructure improvements and installation of the automated flow control and monitoring devices in August, 2016; and

WHEREAS, the total cost for design and construction of the expanded reinforced concrete slab around the existing slide gate structure and installation of the security fence around the slide gate controls, and installation of the automated flow controls and equipment and reservoir water surface monitoring and flow measurement devices was \$25,330.00; and

WHEREAS, the proposed project will allow the LVRC to operate the reservoir more efficiently and optimize available water supplies in the Weiser River Basin; and

WHEREAS, the proposed project is in the public interest and is in compliance with the State Water Plan.

NOW THEREFORE BE IT RESOLVED that the IWRB authorizes an expenditure up to \_\_\_\_\_\_ to the Lost Valley Reservoir Company for the installation of the automated flow control and monitoring devices at the Lost Valley Reservoir Dam.

BE IT FURTHER RESOLVED that this resolution and the approval of the funding request are subject to the following conditions:

1) The LVRC shall comply with all applicable rules and regulations that apply to the described project.

2) The LVRC shall submit stamped and approved plans and specifications of the completed project.

DATED this 24th day of January, 2017.

ROGER W. CHASE, Chairman Idaho Water Resource Board

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

ATTACHMENT 'A'

#### RECEIVED

Lost Valley Reservoir Company

2440 Highway 95

Council, Idaho 83612

OCT 19 20% DEPARTMENT OF WATER RESOURCES

October 17, 2016

Rick Collingwood

Idaho Water Resources

322 East Front Street

Boise, Idaho 83720-0098

Re: Lost Valley Reservoir Control and Monitoring Devises

Dear Rick:

Please find the attached documents that you have requested for a better description of the cost for the Lost Valley Reservoir Control and Monitoring Project. Hopefully this will help you better understand the scope of the project. If there are any other documents you need, please contact me at (208) 861-9600.

Respectfully,

Ropp Meleni

Doug McAlvain

Lost Valley Reservoir Company Director

Attached Documents:

- 1. Water Resource Board presentation documents;
- 2. Approval for construction from John Falk, IDWR;
- 3. Project description of work on the control and monitoring devises; and
- 4. Letter from Kim Pearson, District Ranger, Payette National Forest, New Meadows District, stating that a special use permit is not required.

May 19, 2016

Idaho Water Resource Board

322 East Front Street

Boise Idaho 83720

#### Re: LOST VALLEY RESERVOIR CONTROL AND MONITORINIG DEVISES

**Board Members:** 

The Lost Valley Reservoir is requesting the below funding for the installation of water monitoring and control devises which would allow us to monitor the water depth and flow out of the reservoir with electronic control through the internet.

Having the ability to remotely open and close the outlet gate through the internet. The dam tender and water master would have more immediate control of the water flow which would save water and time.

We would be building a 8'x8' concrete base with a chain link fence enclosure to protect the electric equipment. See attached detail A1 and A2.

Cost:

1.	Monitoring and control equipment	\$16,950.00
2.	Concrete pad and security enclosure	<u>\$ 8,380.00</u>
		\$25,380.00

Attached is some general information and history for your information.

Respectfully Submitted,

The Lost Valley Reservoir Company Board of Directors

Dale Barton, Chairman

Doug McAlvain, Director

Johnny Sutton, Director

#### LOST VALLEY RESERVOIR COMPANY

#### 1. GENERAL INFORMATION

#### A. Description and Purpose of Dam

Lost Valley Dam is located on Lost Creek, a tributary of the

West Fork, Weiser River, In Adams County, Idaho. The dam site is 16 miles north of Council and 9 miles west of New Meadows. The dam is owned by the Lost Valley Reservoir Company (LVRC) a private organization of water users. The 10,000 acre-foot reservoir provides water to about 11,000 acres in Council, Cambridge and Midvale areas. These areas are served by controlled releases down the Weiser River to various diversion points. Other benefits include recreation, fish propagation and flood control.

The specific location of the dam is Section 28, Township 19 North, Range 1 West. The 32 foot high earth fill embankment is approximately 300 feet long, with upstream riprap and a rock fill downstream toe. The full reservoir occupies about 750 acres and is 2 ¾ miles in maximum surface dimension. The drainage basin ranges from El. 4780 at dam crest t about 7500 feet at Lick Creek Peak. The terrain is mountainous and forested.

The dam was constructed in 1909-1910 and reportedly raised twice to increase storage. The crest was raised about 1 foot in 1995 to satisfy IDWR safety criteria. It is founded on basalt bedrock and records indicate a concrete wall within a few feet of the crest.

#### B. DESCRIPTION OF APPURTENANT FEATURES

The outlet is a 36 inch welded steel pipe in an unlined rock tunnel through the left abutment. Releases are controlled by a 48 inch slide gate located in a concrete lined well at the dam centerline. The gate in manually operated.

The spillway is excavated into basalt bedrock in the left abutment. It is an unlined chute with concrete piers. Flash boards are installed annually to raise the reservoir about 3.S feet to the pier top level. Two log booms are installed, one immediately upstream of the spillway intake and one about 300 feet upstream of the dam.

Staff gages are located on the right spillway wall and on the upstream face of the dam. Standpipe piezometers are located on the left abutment and near the downstream toe of the dam.

#### C. MAPS AND SKETCHES

Figure 1 shows the map location of the dam. Figure 2 shows the general arrangement of the embankment. Figure 3 shows reservoir area and capacity at key elevations.

#### 2. NORMAL OPERATION PROCEDURE

#### A. Reservoir Filling

Timing of fill is determined by snow melt.

The reservoir rate of rise generally ranges between 1 inch and 1 foot per day, depending on snow depth, temperatures, and spring rainfall. Flash boards are installed by the operator to Gage Height 25.9 after spring flood flows have diminished.

Filling to flash board tops is usually complete by May or June. Initial flash boards are set after the snow in the upper basin reaches safe conditions and most of the snow at dam site is gone. Subsequent flash boards are added one at a time with close observation of reservoir level.

8. Reservoir Drafting

The reservoir is normally drawn down over the approximate period of July October 1. Irrigators request their shares through the water master who operates the gate to meet this demand. Dead storage is minimal and the reservoir may be empty at the end of irrigation. Any remaining storage is carried over with releases in early spring if a high snow pack indicates the need to provide maximum flood storage.

C. Special Procedures

The outlet gate is manually operated by hand wheel. Access to the gate is via the spillway foot bridge or from the right abutment. As there is no security fence the gate control is kept locked. The flash boards are installed and removed manually. Installation is usually in May or June and removal is usually before November 1.

#### 2. SHAREHOLDERS AND SHARES

There are 74 shareholders and 3 classes of shares:

Class A Shares	6,950
Class B Shares	1,798
Class C Shares	834
Total Shares	9,582




A-2



### Lost Valley Reservoir

#### PLAN SCALE: |"= 25'

'in the of spillword Proposed Woter Line Top of Existing Dam C of Existing Dam \_Retaining Wall to Solid Rock Top 12", Bottom 18" C of Corewoll Top of Proposed Dam Lower Toe of Proposed Dam Fill Composed of Rock NUCE LON Concrete Headwall I-1/2" Above Pipe. Pipe Covered Over With Rock. (Excorplad From Plans Approved Oct. 10, 1929) V

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2918 N. El Rancho Place, Boise ID 83704 Office: (208) 378-1513 Cell: (208) 870-0345 Fax: (888) 538-7703 www.idahowaterengineering.com Info@idahowaterengineering.com

November 28, 2016

Mr. Rick Collingwood Staff for Idaho Water Resource Board

Sent via Email

RE: Installation of Automation Equipment at Lost Valley Reservoir

Dear Rick:

This letter is provided to attest to the installation and initial testing of automation equipment at the outlet works of Lost Valley Reservoir. As described in the attached invoice from PivoTrac Monitoring, LLC, the works consist of measurement, communication and control equipment installed on or near Lost Valley Reservoir Dam. The equipment was initially tested, adjusted and found to be operational to the extent possible with no water in the reservoir. Additional testing and adjustment will be conducted when the reservoir fills next spring.

Sincerely,

David R. T. tell J.

David R. Tuthill, Jr., Ph.D., P.E. Consultant for Lost Valley Reservoir Company

#### Attachments:

- A -- Invoice from PivoTrac Monitoring, LLC
- B Installation Photos
- cc: Dale Barton, President, Lost Valley Reservoir Company Doug McAlvain, Board Member, Lost Valley Reservoir Company

#### Attachment A



LEASE TO			
Losi Valley R	2001-140-37		
Constant ID his	612		

#### **Monitor Lease Statement**



ITEM		DESCRIPTION	OTY	RATE	TOTAL
Monutors - Conal Head	Annual Service - manazing and control for a Large Head Gam. Includes all web airs services, maintenance, hardware service and repairs Dem			1.890.00	C.800.00
Installation	Installation of bardw Dam - installed 6 22	are for menhoring and commol of head gain 16		1_\$90,09	1.500.00
Hersel Cluster	Haniware for Large i	Real Gale aniconsista.	1	5,575.00	5.575 00
	to complications are	riginal estimate was $55100$ . $$475$ for additional expenses downg podentaly. >>	127		
		Funt Year \$8575 Following years \$1500			
Mutations - Reservoir	Annual Service - 1000 Dam	micray reservor water level	1 1	345 00	145.00
Installution	linstallization of himdware for water level mountaining Dam - installed 6/12/16			200.00	200.00
Other Parts	Sensor, teleneary &	mble for water level maniforing	1	1,005.00	1.005.00
		First year \$1550 Following pear \$345			
Thereic areas for a year to					8
timent less les Aunt petets		Baland	e Due		\$10,425.00
Phone #	Fax #	E-mail	Web Site		
806-241-2245		kaijikagandan wa	www.privatae.com		

#### Attachment B



Photo 1 - Flow Measuring Device on Bridge Downstream from Dam



Photo 2 – Reservoir Water Depth Measuring Device on Upstream Face of Dam



Photo 3 – Gear Box with Chain Drive Connected to Outlet Control Device



Photo 4 – Communication Equipment for Controlling Works



Photo 5 – Installation including Antenna



Photo 6 – View of Installation from Road

ATTACHMENT



#### **DEPARTMENT OF WATER RESOURCES**

322 East Front Street + P.O. Box 83720 + Boise, Idaho 83720 0098 Phone: (208) 287-4800 + Fax: (208) 287-6700 + Websile: www.idwr.idaho.gov

C.L. -BUTCH" OTTER Governor

ber 7, 2016

GARY SPACKMAN Director

September 7, 2016

Lost Vailey Reservoir Company Attn: Amy Shumway 2440 Highway 95 Council, ID 83612

State of Idaho



Re: Lost Valley Dam Modification and Pedestrian Bridge Replacement IDWR File: 67-2053 NATDAM: ID00255

Dear Ms. Shumway:

Thank you for submitting design drawings and accompanying information to the Idaho Department of Water Resources (IDWR) Dam Safety program for replacement of the existing wooden pedestrian access spanning the emergency overflow spillway with a new steel bridge, and the proposed modification to the existing mechanical controls that operates the low-level outlet slide gate.

Enclosed please find one copy each of the following items, approved for construction:

Item	Item Description	Number of Pages/ Format
a)	Project description and maps	seven (7), 8.5 x 11° sheels
b)	Information on monitoring devices and appurtenances	three (3), 11x 17" sheets
c)	Idaho PE stamped concrete drawing — Note: includes attached Pedestal Assembly & Actuator drawing, Watch Technologies, Inc. (non-stamped)	two (2), 6.5 x 11" sheets
d)	Idaho PE stamped pedestrian bridge drawing	two (2), 11 x 17" sheets

Although Lost Valley Dam is privately owned, operated and maintained, we understand that the project works are located on public lands of the United States. Please be advised that as a State agency, IDWR does not have authority to either approve or deny proposed construction related to specific federal agency requirements that may also apply. For this reason you will note that IDWR excluded *DOI/USDA/DOT Standard Form 299* from the list of approvals itemized above. Consequently, Form-299 is returned to you herewith. However, we have provided the Payette National Forest a copy of this correspondence for their information and archives.

Based on our design review, we understand the existing concrete surface supporting the new pedestal assembly and actuator consists of an unreinforced monolithic slab, with a reinforced turned-down edge intended to serve as the perimeter footing. Although not shown on the Item C design drawing, we understand also that anchor bolts have already been placed in the concrete slab to match the position and orientation necessary to connect the new pedestal assembly and actuator to the existing slide-gate controller. Regarding design and construction of the steel pedestrian bridge, we understand the structure will span the existing emergency spillway, and that both the east and west ends of bridge will bear directly on the top of the existing vertical concrete walls that presently define the spillway entrance.

Please note that design approval for construction is authorized subject to each of the five (5) following conditions:

- 1) The final construction of the bridge and/or its supporting members shall not restrict or otherwise obstruct the outflow of water from the reservoir through the spillway.
- 2) The engineer of record is responsible for supervising construction in accordance with the approved design drawings. If this information is incorrect, or another licensed engineer has assumed the supervisory duties, please immediately inform us as to whom this obligation has been assigned.
- 3) If revisions to the approved design plans and specifications become necessary during construction, please notify this office in writing prior to implementing the changes. Engineers from this office are available to grant approval in the field provided such revisions are consistent with accepted engineering standards-of-care and construction practices.
- 4) Upon completion of construction, the engineer of record shall certify that the work was performed in accordance with the approved design. The letter of completion shall be accompanied by a summary of all field and laboratory tests deemed by the engineer necessary to certify satisfactory completion of construction.
- 5) Two sets of as-constructed drawings signed by the engineer of record shall be provided within 60 days of completion. If no changes to the approved design occurred during construction, please make certain this fact is included in the letter of completion.

Lastly, IDWR Dam Safety will not accept the work as complete until the above listed conditions are satisfied. Should you have any questions, please call (208) 287-4927 or you may contact Erik Boe @ 334-2190. Thank you for your cooperation.

John Falk, PE Dam Safety Program Manager

- cc: Christopher B. Merrill Stapley Engineering Stephen H. Sweet – Quadrant Consulting, Inc. Nick Miller – IDWR Western Region Office Manager Kim Pierson – Payette National Forest, New Meadows Ranger District
- Enc: Design drawing(s) and construction specifications DOI/USDA/DOT Standard Form 299

This project is for the installation of control and monitoring devises on the existing Lost Valley Reservoir on Lost Creek in the Payette National Forest. There will be water flow devices in Lost Creek at the bridge below the dam to measure stream flow. There will be a control device to relay the stream flow up to the gate monitoring and control at the dam.

The dam control gate will need approximately 46 square feet of concrete slab added around the existing head gate concrete shaft for the outlet gate (see attached drawing) which is manually operated by hand wheel. The concrete slab is needed to house the Telemetary and Transducer Control Equipment for the measuring of the actual water level in the reservoir and the Electronic Control of the head gate for increase or decrease of water flow through the head gate. Access to the gate area is over the spillway foot bridge or from the right abutment. The foot bridge is in need of repair and will be replaced at this time also (see attached drawing). Presently there is not a security fence for the gate control which is kept locked by a chain. With the installation of the monitoring devices, which will consist of Control Box, Actuator w/Pedestal and Solar Panels. We will need to install a chain link security fence to secure the equipment.

The only excavation on the dam will be for the turn down edge on the concrete slab which will be filled with concrete (concrete drawing).

- (A) This is a Dam Reservoir Gate Control Project
- (8) Dam
- (C) Approximately 46 square feet
- (D) For indefinatly
- (E) April through November
- (F) NA
- (G) Duration 30 days, Timing as soon as approved.
- (H) NA

RECEIVED

SEP 0 1 2016 DEPARTMENT OF WATER RESOURCES

IDAHO DEPARTMENT WATER RESOURCES PROGRAM DA!

**Reviewed** Dam Safety Manager

Approved Bureau Chief

Date of Approv



No, C 83374		Due no latar than Mar 31, 2016	2. Registered Agent and Address (NO PO BOX)			
Return to: SECRETARY OF STATE 700 WEST JEFFERSON PO BOX 83720 BOISE, ID 83720-0080 NO FILING FEE JF RECEIVED BY DUE DATE		Annual Report Form  1. Mailing Address: Correct in this box if needed.  LOST VALLEY RESERVOIR COMPANY AMY SHUMWAY 2440 HWY 95	AMY L SHUMWAY 2440 HWY 95 COUNCIL ID B3512 3. New Registered Agent Signature:*			
		COUNCIL ID 83612				
4. Corporations: Enter Names and	Business Addresses	of President, Secretary, and Directors. Treasurer (optional).				<u> </u>
Office Held DIRECTOR SECRETARY	Name Doug McAlvain Amy L Shumwa	Street or PO Address 2303 MCMAHON LN Y 2440 HWY 95	City Council, Council	State TD TO	Country USA USA	Postal Code 83612 83612
5. Organized Under the Laws of:		6. Annual Report must be signed.*				··
10 C 83374		Signature: Amy L. Shumway Date: 02/0		6/2016		
		Name (type or print): Amy L. Shumway Title: Se		cretary		
Processed 02/06/2016 * Ele		Electronically provided signatures are accepted as original signatures.				

\*

LAWERENCE DENNEY	PRESO
PO BOX 03720	US POSTA
BOISE, ID 83720-0080	BOISE
ANNUAL REPORT DUE March 31, 2016 LOST VALLEY RESERVOIR COMPANY	PERMIT
Use the numbers below to file online at: www.sos.idaho.gov C 83374 109433 Or, file by mail by contacting the Secretary of State's office to request a mail-in report. (208) 334-2301 business@sos.idaho.gov	**************************************
There is no fee to file the annual report.	

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FOOTPRINT



# Lost Valley Reservoir

SCALE: 1"= 25"





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#### **BEFORE THE IDAHO WATER RESOURCE BOARD**

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IN THE MATTER OF WATER MANAGEMENT AND SUSTAINABILITY A RESOLUTION APPROVING FUNDING FOR THE LOST VALLEY RESERVOIR COMPANY AUTOMATED FLOW CONTROL & MONITORING DEVICES PROJECT

WHEREAS, on May 20th, 2016, the IWRB adopted the 2017 fiscal year budget authorizing funds from the Secondary Aquifer Fund for statewide water improvement and sustainability projects; and

WHEREAS, Lost Valley Irrigation Company (LVRC) owns and operates the Lost Valley Reservoir, located on Lost Valley Creek in the Weiser River Basin; and

WHEREAS, on May 19, 2016, LVRC submitted a proposal to the Board to seek funding for the installation of automated flow control and monitoring devices; and

WHEREAS, LVRC currently regulates discharge from the reservoir by manually operating the Lost Valley Reservoir outlet works, and has not had devices or equipment in place to measure discharge flows from the reservoir; and

WHEREAS, the installation of the proposed automated flow control and monitoring devices will enable LVRC to remotely operate the existing slide gate to control discharges from the reservoir, monitor reservoir water surface elevations, and measure reservoir discharge flows; and

WHEREAS, LVRC completed the construction of the required infrastructure improvements and installation of the automated flow control and monitoring devices in August, 2016; and

WHEREAS, the total cost for design and construction of the expanded reinforced concrete slab around the existing slide gate structure and installation of the security fence around the slide gate controls, and installation of the automated flow controls and equipment and reservoir water surface monitoring and flow measurement devices was \$21,671.35; and

WHEREAS, the proposed project will allow the LVRC to operate the reservoir more efficiently and optimize available water supplies in the Weiser River Basin; and

WHEREAS, the proposed project is in the public interest and is in compliance with the State Water Plan; and

WHEREAS, LVRC requested a cost reimbursement of \$16,253.51, 75% of the project costs, from the IWRB.

NOW THEREFORE BE IT RESOLVED that the IWRB authorizes an expenditure up to \$10,835.68, 50% of the total project costs, for the Lost Valley Reservoir Company for the installation of the automated flow control and monitoring devices at the Lost Valley Reservoir Dam.

BE IT FUTHER RESOLVED the IWRB will consider whether to authorize funding the remainder of the request by LVRC, \$5,417.83, based upon cost reimbursement guidelines for water sustainability

projects to be established by the IWRB Finance Committee

BE IT FURTHER RESOLVED that this resolution and the approval of the funding request are subject to the following conditions:

- 1) The LVRC shall comply with all applicable rules and regulations that apply to the described project.
- 2) The LVRC shall submit stamped and approved plans and specifications of the completed project.

DATED this 24th day of January, 2017.

ROGER W. CHASE, Chairman Idaho Water Resource Board

ATTEST \_

VINCE ALBERDI, Secretary





To:Idaho Water Resource BoardFrom:Brian PattonSubject:Water Board Annual Progress ReportDate:January 13, 2017

Over the past several years, the Water Resource Board has taken on several large-scale issues of significant importance to Idaho. At the same time, the Legislature, supported by the Governor, has provided greatly enhanced funding to the Board to carry out these items.

Because of this, Staff feels that an Annual Progress Report that can be provided to interested parties would be helpful. A draft is attached. Staff is asking for your comments. At the Board meeting on the 24<sup>th</sup>, Staff will be asking for the Board's approval to distribute this to interested parties.



# Water Sustainability Report Fiscal Year 2016



Transactions Program 2%

Water Bank Distributions 3%

Sustainability Projects & Investigations 6%

> ESPA Managed Recharge 42%

am 2% Cloud Seeding 1%

Surface Water

Storage 0.4%

Loans 45%

#### **Financial Activities**

End of Fiscal Year 2016

#### **REVOLVING DEVELOPMENT ACCOUNT** Loan Principal & Interest Received \$ 3,409,007 **State Treasury Interest Received** Ś 103,224 **Federal Project Funds Received** 598,390 Water Supply Bank Funds Received ('16) 627,077 **Other Funds Received** \$ 1,648,664 **TOTAL RECEIVED FY16** \$ 6,386,362 **Loans Dispersed in FY16** \$ 5,800,033 **Project Expenditures in FY16** 1,126,627 Water Supply Bank Payment Distribution ('15) 579,973 **TOTAL COMMITTED & EXPENDITURES FY16** \$ 7,506,633 Total Committed for Loans & Projects - End of FY16 \$ 14,158,123 SECONDARY AQUIFER PLANNING **MANAGEMENT & IMPLEMENT FUND** FY 16 Budget as Amended **Uncommitted Funds end of FY15** \$ 4,991,589 HB547 - Cigarette Tax Proceeds \$ 5,000,000 SB 1190 - One time appropriations \$ 500,000 **TOTAL FUNDS** \$ 10,491,589 **ESPA Managed Aquifer Recharge ESPA Recharge Operations & Conveyance Fees** \$ 1,200,000 ESPA Recharge Infrastructure Projects \$ 6,611,527 Hydrology Monitoring Ś 200,000 Work in Other Aquifers \$ 1,000,000 Including: Treasure Valley, Mountain Home, Lewiston, Palouse, and Rathdrum Prairie **Ground Water Conservation Grants** 200,000 \$ **Cloud Seeding Program** \$ 200,000 Loans Approved in FY16 \$ 2,740,000 Administration 50,000 **TOTAL Expenditures FY16** \$12,201,527

FY16 IWRB Expenditures by Project Type

Revolving Development Account and Secondary Aquifer Fund



#### Surface Water Coalition Delivery Call Settlement - Eastern Snake River Plain

After decades of conflict between surface water users and ground water pumpers on the Eastern Snake Plain, a historic agreement was reached to support a long-term effort to stabilize both declining ground water levels in the Eastern Snake Plain Aquifer (ESPA) and declining spring flows into the Snake River. The agreement provides mitigation for material injury to senior water users, provides safe harbor to junior water users and supports an adaptive management plan to stabilize ground water levels.

Brokered by House Speaker Scott Bedke, the agreement was hammered out by members of the Surface Water Coalition and the Idaho Ground Water Association. It was finalized in August 2015 with the support of Idaho's political leaders including Gov. Butch Otter and the Speaker. A central feature of the agreement is the reduction of ground water withdrawals from the ESPA by 240,000 acre-feet per year. While the Idaho Water Resource Board was not a party to the settlement, it supported the negotiation process and its managed recharge program is recognized as a vital component of ESPA stabilization efforts.

#### ESPA Managed Recharge Program

Winter 2015-2016 featured the second year of operationalscale winter recharge into the Eastern Snake Plain Aquifer (ESPA). The largest supply of water for recharge normally occurs during the winter months, when crop irrigation does not occur. To facilitate recharge flow during the winter and to increase overall recharge capacity, multiple infrastructure projects were undertaken across the ESPA region. The Idaho Water Resource Board's ultimate goal is to recharge an average of 250,000 acre-feet per year. Over the winter of 2015-2016, 67,000 acre-feet of water was recharged into the aquifer. Completed capacity enhancement projects included the Milepost 28 Hydroplant Bypass, Egin Bench Recharge canal, Milner-Gooding Concrete Flume rehabilitation, and reconstruction of the Great Feeder headgate. More projects are either under design or scheduled for construction in 2017.

#### Mountain Home Air Force Base Water Sustainability Project

The Mountain Home Aquifer provides the water supply for the Mountain Home Air Force Base (MHAFB), the City of Mountain Home, local industry and agriculture. However, the aquifer is over-drafted by about 30,000 acrefeet annually. Recognizing that the MHAFB is a \$1 billion annual economic generator for the state and a significant contributor to the local community, Gov. Otter and the Idaho Legislature appropriated funds for the Idaho Water Resource Board to develop an alternate water supply for the base and offset ground water pumping from the declining aquifer.

In 2014, the board purchased senior Snake River water rights from the Simplot Corp. for \$2.5 million. The board is currently in the process of developing a pipeline and water treatment system to deliver water from C.J. Strike Reservoir to the base. The board will oversee the financing, design, construction, operation and maintenance agreements to bring the project to fruition. Project cost is estimated between \$25-30 million. The board is moving forward on an aggressive schedule to complete construction by 2021.

"Use grassroots approach to identify problems and develop optimal solutions."

## Sustainability and Aquifer Stabilization Projects

Consistent with the Idaho Water Resource Board's support of local and regional partnerships, the board shared in the funding of projects promoting the sustainable use of water resources or stabilization of local and regional aquifers across the state. Projects were brought to the board by local water users and communities to develop optimal solutions to problems specific to their areas. Projects were initiated in the Lewiston deep aquifer, Palouse Basin, Priest Lake, Elmore County, Weiser River Basin and Treasure Valley.

#### Loan Program

The Idaho Water Resource Board has the authority to issue low-interest loans to help develop and maintain water storage and delivery systems, and to facilitate financing and acquisition of real property to provide water management solutions. Over \$14 million in loans were issued statewide in FY 2016 through the board's financial program. Project examples include a \$1 million loan to the Dalton Water Association for water main improvements in Coeur d' Alene, a \$2.5 million loan for the reconstruction of the Last Chance Canal Co. diversion dam in Grace, Idaho, and a \$1.4 million loan for a pipeline project by the St. John's Irrigating Co. near Malad City, Idaho.

#### Water Storage Projects

The Idaho Water Resource Board has been investigating new storage options in Idaho to help meet current and future water demands while reducing the potential for water conflicts in the future. Investigation of new storage continued in the Weiser River Basin, Boise River Basin and at Island Park Reservoir on the Henry's Fork River. In May 2016, the U.S. Army Corps of Engineers reported results for the Boise River Feasibility Study (initiated in partnership with the board), which evaluated options for reducing flood risk and providing additional water supply to the Treasure Valley. Results of the evaluation of a large raise of Arrowrock Dam (as much as 74 feet) demonstrated that, while a raise is technically feasible, and would significantly reduce flood damages and provide substantial additional water supply, the costs exceeded the benefits. The low benefitto-cost ratio precludes the Army Corps from pursuing the project further. However, the U.S. Bureau of Reclamation is considering the investigation of additional storage in the Treasure Valley exclusively for water supply purposes. The board continues to look for long-term solutions that would increase water supply in the Treasure Valley and throughout the state.

#### Water Supply Bank

The Water Supply Bank (WSB) is a water exchange market operated by the Board. As the use of the WSB has increased in recent years, the complexity associated with operating the Bank has also grown. To help meet the increasing needs of water users seeking to lease and rent water rights through the Bank, the Idaho Legislature appropriated \$500,000 to the Idaho Water Resource Board to contract for the development of a unique computer database solution. In 2016, the computer application was built on schedule and on budget enabling the WSB to more efficiently administer water right lease contracts and rental agreements throughout the state. The new application will assist the WSB staff in meeting the needs of water users throughout the State of Idaho.

"Securing funding and resources in **COOPERATION** with the Governor and Legislature."

Anderson Ranch Reservoir



Water Resource Board Members

top row: Jeff Raybould (Vice Chair), Albert Barker, Roger Chase (Chairman), Bert Stevenson. bottom row: Dale Van Stone, Chuck Cuddy, Vince Alberdi (Secretary), Pete Van Der Meulen

Sustainability is the active stewardship of Idaho's water resources to satisfy current uses and assure future uses of this renewable resource in accordance with state law and policy.

The 2016 Legislature through SCR 137 recognized that stabilizing and enhancing aquifer levels is in the public interest, and directed the Water Board to take actions in aquifers across the state to stabilize and enhance aquifer levels thereby maintaining water supply for consumptive and non-consumptive uses and minimizing harm to Idaho's economy arising from water supply shortages.



#### Idaho Water Resource Board

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