

# **IDAHO WATER RESOURCE BOARD**

## **MEETING NO. 9-20**



**September 17, 2020**

**Idaho Water Center  
322 E. Front Street  
Conference Rooms 602 C & D/ Online  
BOISE**

**Media**



# AGENDA

## IDAHO WATER RESOURCE BOARD

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**Board Meeting No. 9-20**

**Thursday, September 17, 2020**

**1:00 p.m. (MST)**

Water Center

Conference Rooms 602 C & D / GoTo Meeting Online

322 E. Front St.

BOISE

(This meeting will be conducted using guidance in accordance with Governor Little's Stay Healthy Order issued May 30, 2020 in response to the public health emergency caused by the COVID-19 pandemic. Masks are required & in person attendance is limited. Call or email if you have questions: [jennifer.strange@idwr.idaho.gov](mailto:jennifer.strange@idwr.idaho.gov))

**Brad Little**  
*Governor*

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

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

**Vince Alberdi**  
*Secretary*  
Kimberly  
At Large

**Peter Van Der Meulen**  
Hailey  
At Large

**Albert Barker**  
Boise  
District 2

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

**Dale Van Stone**  
Hope  
District 1

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

Board Members & the Public may participate via Go-To Meeting  
**Please join the meeting from your computer, tablet or smartphone.**

<https://www.gotomeet.me/IWRB>

**You can also dial in using your phone.**

United States: [+1 \(571\) 317-3122](tel:+15713173122)

**Access Code:** 673-626-773

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1. Roll Call
  2. Agenda & Approval of Minutes 6-20, 7-20 and 8-20\*
  3. Public Comment
  4. Financial Report
  5. Lemhi Update
  6. Boise River Feasibility Study\*
  7. Mountain Home AFB Sustainable Water Project\*
  8. Priest Lake Update
  9. ESPA Managed Recharge Update
  10. Proposed Meeting Dates 2021
  11. Director's Report
  12. Non-Action Items for Discussion
  13. Next Meeting & Adjourn

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

**Americans with Disabilities:** The meeting will be held telephonically. If you require special accommodations to attend, participate in, or understand the meeting, please make advance arrangements by contacting Department staff by email [jennifer.strange@idwr.idaho.gov](mailto:jennifer.strange@idwr.idaho.gov) or by phone at (208) 287-4800.



# IDAHO WATER RESOURCE BOARD

**Brad Little**  
Governor

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Lewiston  
At Large

## MINUTES MEETING NO. 6-20

Idaho Water Center  
Conference Rooms 602 C, D / GoTo Meeting Online  
322 East Front Street, 6<sup>th</sup> Floor  
BOISE

July 30, 2020  
**Board Meeting No. 6-20**

At 9:00 a.m. Chairman Chase called the meeting to order. This meeting was conducted at the address listed above via an online meeting platform

### **Agenda Item No. 1: Roll Call**

#### *Board Members Present Via GoTo Meeting/Teleconference*

Roger Chase, Chairman  
Jeff Raybould, Vice-Chairman  
Vince Alberdi, Secretary  
Pete Van Der Meulen  
Bert Stevenson  
Dale Van Stone  
Jo Ann Cole-Hansen  
Albert Barker

#### *Staff Members Present*

Gary Spackman, Director  
Brian Patton, Executive Officer  
Jennifer Strange, Admin. Assistant

#### *Staff Members Via GoTo Meeting/Teleconference*

Meghan Carter	Cynthia Bridge Clark
Neeley Miller	Caitlin McCoy
Sean Vincent	Craig Tesch
Matt Anders	Wesley Hipke
Neal Farmer	Rick Collingwood
Remington Buyer	Randy Broesch
Jennifer Sukow	Mike McVay
Brian Ragan	Steve Stuebner
Noah Stewart-Maddox	Ryan McCutcheon

### *Guests Present*

Darrell Early

### *Guests Present Via GoTo Meeting/Teleconference*

Sam Eaton	Michael Orr	Ann Vonde
Brian Horsburgh	Scott Campbell	Brian Liming
Lynn Tominaga	Travis Thompson	Hal Anderson
Kurt Newbry	Paul Arrington	Dave Tuthill
Hattie Zobott	Jessica Krueger	Rob Sepich
Lanie Paquin	Sam Eaton	Claire Cowan
Clive Strong	Brandon McClean	Ashley Newbry
Devin Stoker	Keith Esplin	Marie Kellner
Doug Paddock	Joe Kozfkay	Dylan Lawrence
Mark Zirschky	Ron Manning	John Williams
Todd Gerratt	Carter Borden	Curtis Elke
Dan Stanaway	John Simpson	Kylie Turner
Norm Semanko	Dan Murdock	

### **Agenda Item No. 2: Agenda and Approval of Minutes**

Mr. Raybould made a motion to amend the agenda and allow Agenda Item #5 to move before the current agenda item. Seconded by Mr. Barker. Voice vote. All ayes. The Board moved to a discussion with Sam Eaton regarding Mountain Home Air Force Base Sustainable Water Project.

The Board took up approval of meeting minutes. Mr. Van Stone moved to approve minutes 4-20 and 5-20. Mr. Stevenson seconded. Voice vote. All ayes. The minutes were approved.

### **Agenda Item No. 3: Public Comment**

There was no public comment.

### **Agenda Item No. 4: Financial Status**

Mr. Miller provided an update on the Board's accounts. As of June 30, 2020 the Board's available and committed balances are as follows: Secondary Aquifer Fund—committed but not disbursed \$10,662,779 and uncommitted \$8,546,976; Revolving Development—committed but not disbursed \$18,210,941, loan principle outstanding \$26,578,649, uncommitted \$7,809,468, and anticipated loanable funds available next 1 year \$11,309,468; Water Management—committed but not disbursed \$20,893,116 and uncommitted \$691,180.

### **Agenda Item No. 5: Mountain Home Air Force Base Sustainable Water Project**

Mr. Sam Eaton from the Governor's Office spoke prior to agenda item #2 per an adopted motion. He provided a brief history on the Mountain Home AFB Sustainable Water Project. He discussed some of the funding issues with the project. He stated that the Governor recently had a discussion in DC with the assistant secretary of the Interior. They are looking for other Federal funding sources.

### **Agenda Item No. 6: Raft River Project**

Mr. Craig Tesch provided background and project summaries for the Raft River Project. He presented a resolution for entering into an agreement with the Department of Energy to accept \$832,000 in funding for two tasks to be completed over the next three years: drilling monitoring wells and collecting water quality samples. There was some discussion about funding.



Mr. Stevenson made a motion to accept the resolution as recommended. Mr. Van Der Meulen seconded the motion. Roll call vote: Mr. Alberdi, aye; Mr. Barker, aye; Ms. Cole-Hansen, aye; Mr. Raybould, aye; Mr. Stevenson, aye; Mr. Van Der Meulen, aye; Mr. Van Stone, aye; Chairman Chase, aye. 8 ayes. Motion passed. The resolution was adopted.

#### **Agenda Item No. 7: Boise River Feasibility Study Update**

Ms. Bridge Clark introduced Ms. Lanie Paquin from BOR. Ms. Paquin provided updates on the release of the DEIS with Draft Feasibility Report. She shared key milestones forthcoming for the study. In October 2020 the final feasibility report will be submitted; in December 2020 the Department of Interior to review and approve the recommended plan; in February 2021 final EIS release; May 2021 record of decision. There was no discussion.

Ms. Bridge Clark highlighted that the draft EIS documents will be available and there is a plan for future discussion on the documents.

#### **Agenda Item No. 8: ESPA Management Updates**

##### **a. Aquifer Storage**

Mr. Mike McVay discussed storage changes as shown through water-level data. He stated the storage-change methodology has changed to address managed recharge: some wells were removed to prevent over-estimation of storage changes; some were added due to new installation or monitoring; some missing water levels were estimated via correlation in order to modify interpolation errors; and finally water-levels dates were adjusted in wells with transducer data. The new methodology moderates the volume-change estimates. He concluded the following: the aquifer gained 350,000 acre-feet from 2019 to 2020; the overall water levels in the ESPA have risen significantly from 2015-2020, which showed a gain of 2,200,000 acre-feet of storage; the increase in storage from 2015 to 2020 represents a good start to a long-term solution; undulations due to weather are to be expected; and the ESPA “leaks”, and aquifer storage gains are transitory.

##### **b. Reach Gains and Spring Flows**

Mr. Matt Anders updated the Board on the spring flows and reach gains along the ESPA. Discharge from springs is controlled by the water level in the ESPA. Higher water levels in the aquifer increase discharge at springs, and vice versa. He discussed his methodology for estimation. Since 2015 the water levels have been increasing.

##### **c. SWC Settlement Agreement Update**

Mr. Brian Ragan discussed the latest activities with the Surface Water Coalition Settlement Agreements. He presented the targets and reductions for the City Settlement Agreements and IGWA Agreements. Analysis of the current sentinel well levels indicate that ground water levels have been increasing. Mr. Lynn Tominaga of IGWA stated that they are compiling standards and protocol for ground water users.

##### **d. ESPA Water Level Change Animation**

Mr. Noah Stewart-Maddox presented an animation to illustrate the ESPA water level changes over time by using data from transducers.

#### **Agenda Item No. 9: Flood Mitigation Grant Funding Awards**

Mr. Miller provided summaries and a resolution to fund flood management grant awards with an attached ranking sheet. He mentioned that the July 8<sup>th</sup> Finance Committee discussed these rankings, but did not make a recommendation, and he informed the Board that due to past incomplete projects, there can be some funding carryover. Mr. Alberdi provided a recommendation that projects 1-12 on the ranking sheet

be funded. There was discussion about which projects to fund based on criteria and based on funds available. Mr. Stevenson asked if the motion should include using rollover funds. Mr. Barker had questions about previous projects. There was discussion about whether Board members can vote for parts of resolution. Deputy Attorney General, Darrell Early stated members may not submit a partial vote.

Mr. Stevenson made a motion to accept the resolution with a recommendation to fund 1-12 and to use rollover funds. Mr. Raybould seconded the motion. Roll call vote: Mr. Alberdi, abstain; Mr. Barker, abstain; Ms. Cole-Hansen, aye; Mr. Raybould, aye; Mr. Stevenson, aye; Mr. Van Der Meulen, aye; Mr. Van Stone, aye; Chairman Chase, aye. 6 ayes. Motion passed. The resolution was adopted.

#### **Agenda Item No. 10: Lost Valley Reservoir Project**

Ms. Bridge Clark provided a brief history of the steps for the Lost Valley Reservoir Project. She spoke to the items in a draft resolution that requests subordination of a portion of the IWRB's water right application no. 67-7590 to Lost Valley Reservoir Company's water right no. 67-7938.

Mr. Van Stone made a motion to accept the resolution that the Board would subordinate its water right to the Lost Valley Reservoir provided specific conditions are met. Mr. Raybould seconded the motion. Roll call vote: Mr. Alberdi, aye; Mr. Barker, aye; Ms. Cole-Hansen, aye; Mr. Raybould, aye; Mr. Stevenson, aye; Mr. Van Der Meulen, aye; Mr. Van Stone, aye; Chairman Chase, aye. 8 ayes. Motion passed. The resolution was adopted.

#### **Agenda Item No. 11: Priest Lake Water Management Update**

Mr. Miller had a brief update for the Priest Lake Water Management Project. He discussed the bids that had been received for the outlet structure and the thorofare project. He provided a budget recap, and there was some discussion among the Board.

Ms. Ann Vonde discussed the water right process associated with the dam raise at Priest Lake. She provided historical content for water rights on the lake. The application would need to be filed prior to the completion of construction. The hope is approval could happen prior to construction completion.

#### **Agenda Item No. 12: Lemhi Update**

Mr. Clive Strong stated there have been two meetings related to the Lemhi Basin issues. He said there have been points of agreement with the users which he thinks is a good starting point. The biggest obstacle in the working group is finding a level of trust among the water users. He suggested that adding Norm Semanko to assist in the Lemhi Settlement Working Group would be beneficial to the process. He mentioned that a webpage on the Idaho Water Resource Board's homepage would be created and regularly updated to provide information on the issues and process. There was some discussion. Mr. Barker stated that the Legislation allowed for inclusion of Mr. Semanko to the team.

Mr. Raybould made a motion to authorize the Board's Executive Officer, Brian Patton, to draft a contract to hire Norman Semanko to assist with the Lemhi Settlement Working Group. Mr. Stevenson seconded the motion. Roll call vote: Mr. Alberdi, aye; Mr. Barker, aye; Ms. Cole-Hansen, aye; Mr. Raybould, aye; Mr. Stevenson, aye; Mr. Van Der Meulen, aye; Mr. Van Stone, aye; Chairman Chase, aye. 8 ayes. Motion passed and was adopted.

#### **Agenda Item No. 13: Director's Report**

Director Spackman stated that reports on the status of the aquifer were promising and it was good to work with the Board and water users on ESPA management efforts. He also mentioned an upcoming meeting on rental pool procedures.

**Agenda Item No. 14: Non-Action Items for Discussion**

The Board congratulated Rick Collingwood on his retirement.

**Agenda Item No. 15: Executive Session**

Mr. Alberdi made a motion to move into Executive Session to communicate 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. Mr. Stevenson seconded. Roll call vote: Mr. Alberdi, aye; Mr. Barker, aye; Ms. Cole-Hansen, aye; Mr. Raybould, aye; Mr. Stevenson, aye; Mr. Van Der Meulen, aye; Mr. Van Stone, aye; Chairman Chase, aye. 8 ayes. Motion passed. Mr. Barker left the meeting to avoid any conflicts related to the topic. The topic discussed by Deputy Attorney General Michael Orr was American Falls.

Mr. Alberdi made a motion to move out of Executive Session, seconded by Mr. Stevenson and agreed upon by voice vote in favor. No actions were taken by the Board in Executive Session. The session was closed to the public.

**Agenda Item No. 16: Next Meeting and Adjourn**

The next meeting was confirmed for September 17, 2020 in Boise and via an online platform. Mr. Raybould moved to adjourn. Mr. Van Stone seconded. Voice vote. All were in favor. The meeting adjourned at 1:19 p.m.

Respectfully submitted this 17<sup>th</sup> day of September, 2020.

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Vince Alberdi, *Secretary*

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Jennifer Strange, *Administrative Assistant II*

Board Actions:

1. Approved a motion to adjust the agenda.
2. Adopted meeting minutes 4-20 and 5-20.
3. Approved a resolution for the Raft River Project.
4. Approved a funding resolution for Flood Mitigation Grant Funding Awards.
5. Approved a resolution for the Lost Valley Reservoir Project.
6. Adopted a motion in support of drafting a contract to hire Norman Semanko on the Lemhi Basin Settlement Working Group.
7. Adopted motions to move in and out of Executive Session.



# IDAHO WATER RESOURCE BOARD

**Brad Little**  
Governor

## MINUTES MEETING NO. 7-20

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

Idaho Water Center  
Conference Room 602 C / GoTo Meeting Online  
322 East Front Street, 6<sup>th</sup> Floor  
BOISE

August 17, 2020

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

At 1:05 p.m. Chairman Chase called the meeting to order. The meeting was conducted at the address listed above via an online meeting platform.

**Vince Alberdi**  
Secretary  
Kimberly  
At Large

### **Agenda Item No. 1: Roll Call**

*Board Members Present via GoTo Meeting Online*

Roger Chase, Chairman  
Jeff Raybould, Vice-Chairman  
Vince Alberdi, Secretary  
Pete Van Der Meulen  
Bert Stevenson  
Dale Van Stone  
Jo Ann Cole-Hansen  
Al Barker

**Peter Van Der Meulen**  
Hailey  
At Large

**Albert Barker**  
Boise  
District 2

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

*Staff Members Present*

Brian Patton, Executive Officer  
Mat Weaver, Deputy Director  
Caitlin McCoy, Director's Assistant  
Jennifer Strange, Admin. Assistant

**Dale Van Stone**  
Hope  
District 1

*Staff Members Present Online*

Ann Vonde, Deputy Attorney General

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

*Guests Present Online*

There were no guests present.

### **Agenda Item No. 2: Administrative Rules**

Deputy Director Weaver briefed the Board on the previous steps taken on the matter of the administrative rules. A resolution was presented to publish the Board's current temporary fee rules as proposed fee rules. There was discussion about the need for a preemptive hearing. It was agreed that no hearings would

be required at this time. A plan to prioritize negotiated rulemaking on the fee rules that drew any discussion in the past is expected to happen in 2021.

Mr. Raybould moved to adopt a resolution to publish the IWRB's current pending administrative rules as temporary rules. Mr. Van Stone seconded. Roll call vote: Mr. Alberdi, aye; Mr. Barker, aye; Ms. Cole-Hansen, aye; Mr. Raybould, aye; Mr. Stevenson, aye; Mr. Van Der Meulen, aye; Mr. Van Stone, aye; and Chairman Chase, aye. 8 ayes. The motion passed.

**Agenda Item No. 3: Non-Action Items for Discussion**

Mr. Raybould had a question related to the next special board meeting materials. Chairman Chase complimented Board Member Dale Van Stone on his work for the Priest Lake project. Mr. Barker had a question related to a BOR report forthcoming.

**Agenda Item No. 4: Next Meeting and Adjourn**

The next meeting was confirmed for August 20, 2020 in in Boise and via an online format. Mr. Van Stone moved to adjourn. Mr. Stevenson seconded. Voice vote: all were in favor. The meeting adjourned at 1:30 p.m.

Respectfully submitted this 17<sup>th</sup> day of September, 2020.

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Vince Alberdi, *Secretary*

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Jennifer Strange, *Administrative Assistant II*

**Board Actions:**

1. Adopted a resolution to publish the Idaho Water Resource Board's current temporary fee rules as proposed fee rules.



# IDAHO WATER RESOURCE BOARD

**Brad Little**  
Governor

## MINUTES SPECIAL MEETING NO. 8-20

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

Idaho Water Center  
Conference Rooms 602 C & D / GoTo Meeting Online  
322 East Front Street, 6<sup>th</sup> Floor  
BOISE

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

August 20, 2020

At 1:04 p.m. Chairman Chase called the meeting to order. The meeting was conducted at the address listed above via an online meeting platform.

**Vince Alberdi**  
Secretary  
Kimberly  
At Large

### **Agenda Item No. 1: Roll Call**

#### *Board Members Present via GoTo Meeting Online*

Roger Chase, Chairman  
Jeff Raybould, Vice-Chairman  
Vince Alberdi, Secretary  
Pete Van Der Meulen  
Bert Stevenson  
Dale Van Stone  
Jo Ann Cole-Hansen

Al Barker *appeared at 2pm, during Agenda item #3*

**Peter Van Der Meulen**  
Hailey  
At Large

**Albert Barker**  
Boise  
District 2

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

#### *Staff Members Present*

Brian Patton, Executive Officer  
Gary Spackman, Director  
Jennifer Strange, Admin. Assistant

**Dale Van Stone**  
Hope  
District 1

#### *Staff Members Present Online*

Cynthia Bridge Clark	Meghan Carter
Neeley Miller	Sean Vincent
Emily Skoro	Steve Stuebner

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

#### *Guests Present Online*

Molly McCahon	Mike Dimmick
Mike Schubert	Tom Bassista
Charles Corsi	Bob Davis
Dan Steenson	

## **Agenda Item No. 2: Priest Lake**

Mr. Miller provided some background on the project phases for Priest Lake, he stated that they were near completion on phase three and in the process of obtaining a water right permit. There was discussion about additional funding that came from the county and community. There was discussion about potential change orders.

Mr. Miller explained the resolution that requested additional funds for phase 4 of the Priest Lake Water Management Project construction. The draft resolution offered two options for approval. "Option A" resolved that no funds approved in the resolution may be expended until all necessary agreements and permits have been executed and approval to expend funds will expire on September 14, 2020 if the agreements and permits have not been executed. "Option B" stated approval of the resolution is limited only to preconstruction activities until all necessary access agreements and permits are executed. There was discussion about both options.

Mr. Van Stone moved to adopt a resolution according to Option B. Mr. Alberdi seconded. Roll call vote: Mr. Alberdi, aye; Mr. Barker, absent; Ms. Cole-Hansen, aye; Mr. Raybould, aye; Mr. Stevenson, aye; Mr. Van Der Meulen, aye; Mr. Van Stone, aye; and Chairman Chase, aye. 7 ayes. The motion passed. The resolution was adopted.

## **Agenda Item No. 3: Flood Control District 10 Presentation**

Mr. Dan Steenson with Sawtooth Law provided the Board a presentation on the Boise River Management Tool (BRMT). Areas highlighted were the purposes, components, and multiple uses of the tool. Other presenters were: Mike Dimmick, Flood Control District #10 manager and Mike Schubert of HDR Engineering. The Board had invested in this project in August 2019.

## **Agenda Item No. 4: Non-Action Items for Discussion**

There were no other items for discussion.

## **Agenda Item No. 5: Next Meeting and Adjourn**

The next meeting was confirmed for September 17, 2020 in Boise and via an online format. Mr. Raybould moved to adjourn. Mr. Van Der Meulen seconded. Voice vote: all were in favor. The meeting adjourned at 2:20 pm.

Respectfully submitted this 17<sup>th</sup> day of September, 2020.

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Vince Alberdi, *Secretary*

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Jennifer Strange, *Administrative Assistant II*



Board Actions:

1. Adopted a resolution to commit funds and provide signatory authority in the matter of the Priest Lake Water Management Project Construction (Phase 4).

# Memorandum



To: Idaho Water Resource Board  
From: Neeley Miller, Planning & Projects Bureau  
Date: September 9, 2020  
Re: Financial Status Report

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As of **July 31, 2020** the IWRB's available and committed balances are as follows:

**Secondary Aquifer Fund:**

Committed/earmarked but not disbursed	\$23,704,790
Uncommitted Balance	(494,235)

**Revolving Development Account:**

Committed/earmarked but not disbursed	\$19,644,408
Loan principal outstanding	\$26,048,741
Uncommitted Balance	\$8,504,877
Anticipated loanable funds available next 1 year	\$12,004,877

**Water Management Account**

Committed/earmarked but not disbursed	\$20,882,937
Uncommitted Balance	\$607,378

<b>Total committed/earmarked but not disbursed</b>	<b>\$64,232,136</b>
<b>Total loan principal outstanding</b>	<b>\$23,048,741</b>
<b>Total uncommitted balance</b>	<b>\$8,618,121</b>

- The committed/earmarked balance in the Water Management Account includes the remainder of the FY 2019 \$800K legislative appropriation for the Flood Management Grant Program and \$200K for the Mid-Snake Water Quality Monitoring/Modeling effort. It also includes the \$20M legislative appropriation per HB 285 for the Anderson Reservoir Enlargement and/or MHAFFB Water Supply Project.
- House Bill 646 passed and approved by the 2020 Legislature included a \$1,000,000 transfer from the General Fund transferred to the Water Management Account, with \$800K for the Flood Management Grant Program and \$200K for the Mid-Snake Water Quality Monitoring/Modeling effort. The IWRB authorized \$860K in flood grants at the July IWRB meeting.

Idaho Water Resource Board  
Budget and Committed Funds  
as of July 31, 2020

SECONDARY AQUIFER PLANNING, MANAGEMENT, & IMPLEMENTATION FUND

FYE 2020 Cash Balance..... 19,209,754.56

**FY 2021 Revenue**

Interest Earned State Treasury.....	14,789.31
Recharge Payments - City of Pocatello.....	
HB547 - State Recharge & Aquifer Stabilization (SRAS).....	
HB646, Section 4 - Water Sustainability.....	5,000,000.00
HB646, Section 4 - Governor's Holdaback.....	(250,000.00)
Department of Energy Grant (\$2.068M).....	62,100.00
<b>TOTAL FY 2021 REVENUE.....</b>	<b>4,826,889.31</b>

**FY 2021 Expenditures**

SRAS Equipment & Supplies - FY 20.....	(6,815.17)
SRAS Conveyance Costs - FY 19.....	
SRAS Conveyance Costs - FY 20.....	(96,853.12)
SRAS Site Monitoring - FY 20.....	(82,566.50)
SRAS Regional Monitoring - FY 19.....	
SRAS Regional Monitoring - FY 20.....	(33,670.43)
American Falls Reservoir District # 2 (CON01384).....	
Big Wood Canal Company (CON01281 - Deitrich Drop Power Plant Improvements Project).....	(114,570.87)
Big Wood Canal Company (CON01293 - MP28 Hydro Plant Winterization Project).....	
Denning Well Drilling (CON01382 - Ucon Monitoring well - Ward well).....	
Egin Bench Canals Inc (CON01225).....	
Elsing Drilling & Pump Co Inc (CON01368 - Wilson Canyon Recharge Basin Improvements Projects - monitoring wells).....	
Floyd Lilly Company (CON01378 - Wilson Canyon Recharge Basin Improvements Projects - monitoring wells).....	
North Side Canal Company (CON01331 - Wilson Canyon Recharge Basin Improvements Project).....	
Quadrant Consulting Inc (CON01337 - MP29 Managed Recharge Site Design Documents & Technical Specs).....	
The Ferguson Group (FY 2019 Budget).....	
The Ferguson Group (FY 2020 Budget).....	(16,015.37)
Steve Stuebner (FY 2019 Budget) - Media Services.....	
Steve Stuebner (FY 2020 Budget) - Media Services.....	(375.00)
Clive Strong (CON01371).....	
Elizabeth Cresto (CON01390).....	
Elmore County (CON01251 - Canyon Creek Recharge Site).....	
Travel Costs for IWRB and staff.....	
WS Hydrology Monitoring - FY 19.....	
WS Hydrology Monitoring - FY 20.....	(12,699.91)
USGS - 6605 (Treasure Valley Modeling) FY18.....	(72,862.02)
University of Idaho (CON01159).....	
University of Idaho (CON01210, TV Model).....	
University of Idaho (CON01341, GIS).....	
University of Idaho (CON01427, Raft River).....	(21,773.70)
Lost Valley Reservoir Company (CON01282 - Northern Idaho Ground Squirrel Study).....	

Brown & Caldwell (CON01320 - Treasure Valley Managed Recharge Feasibility Study).....	
Record Steel & Construction Inc (CON01347 - MHAFB).....	
City of Idaho Falls (CON01223).....	
Department of Interior - Boise River Feasibility Study (FY2019).....	(295,000.00)
Department of Energy Grant expenditures (ESPA costs) 29871.....	
Department of Energy Grant expenditures (Big Lost costs) 29872.....	(69,372.59)
Down Right Drilling & Pump Inc (CON01369, SE Boise GWMA) 29873.....	
Idaho Power - (CON01109).....	
Idaho Power - Cloudseeding Model (CON01254).....	
Idaho Power - Cloudseeding O&M (CON01393).....	(3,414.08)
Idaho Power - Cloudseeding HPC (CON01444).....	

**TOTAL FY 2021 EXPENDITURES..... (825,988.76)**

**FY 2021 Cash Balance..... 23,210,655.11**

**COMMITTED FUNDS THRU FY 2018**

	Budget	Amended	Obligated	Expenditures	Carry forward	Committed
Cooperative Weather Modification Program (Cloud Seec	492,000.00		492,000.00	(354,917.64)		137,082.36
<b>Department of Energy SEP grant (\$251,000).....</b>	<b>200,000.00</b>		<b>251,000.00</b>	<b>(251,000.00)</b>		<b>0.00</b>
<b>Mountain Home Air Force Base (PCA 29800).....</b>	<b>1,000,000.00</b>	<b>900,000.00</b>	<b>1,900,000.00</b>	<b>(1,164,267.65)</b>		<b>735,732.35</b>
<b>Remaining Initial Funds.....</b>	<b>1,692,000.00</b>	<b>900,000.00</b>	<b>2,643,000.00</b>	<b>(1,770,185.29)</b>	<b>0.00</b>	<b>872,814.71</b>

**ESPA Managed Recharge Infrastructure**

Milner-Gooding Dietrich Drop hydro plant bypass (CON0	50,000.00	1,450,000.00	1,500,000.00	(322,700.18)		1,177,299.82
NSCC Wilson Lake Infrastructure Project (CON01199)...	4,000,000.00	800,000.00	4,800,000.00	(3,511,723.35)	(1,288,276.65)	0.00
Northside Canal Recharge Site (CON01240, CON01261)	328,636.45		328,636.45	(91,771.27)	(236,865.18)	0.00
Richfield Site Development (CON01226, CON01234).....	150,000		150,000.00	(128,067.93)	(21,932.07)	0.00
AFRD2 MP 28 Hydro Plant (CON01247).....	81,800.00		81,800.00	(11,800.00)	(70,000.00)	0.00
NSID Recharge Site Development.....	250,000.00		250,000.00		(250,000.00)	0.00
Egin Lakes Recharge Project, Phase II (CON01225).....	500,000.00	80,000.00	580,000.00	(75,275.75)		504,724.25
<b>Total ESPA Managed Recharge Infrastructure.....</b>	<b>5,360,436.45</b>	<b>2,330,000.00</b>	<b>7,690,436.45</b>	<b>(4,141,338.48)</b>	<b>(1,867,073.90)</b>	<b>1,682,024.07</b>

**STATEWIDE STUDIES & PROJECTS**

**TREASURE VALLEY**

Treasure Valley Modeling (USGS 6605) Year 2 of 5.....	500,000.00		500,000.00	(448,797.41)		51,202.59
<b>TREASURE VALLEY TOTAL.....</b>	<b>500,000.00</b>	<b>0.00</b>	<b>500,000.00</b>	<b>(448,797.41)</b>	<b>0.00</b>	<b>51,202.59</b>

**WOOD RIVER VALLEY**

Wood River Valley Aquifer GW Model (USGS 6601).....	200,000.00		200,000.00	(200,000.00)		0.00
Elmore County - Canyon Creek Recharge Site (CON0125	50,000.00	90,000.00	140,000.00	0.00		140,000.00
<b>WOOD RIVER VALLEY TOTAL.....</b>	<b>250,000.00</b>	<b>90,000.00</b>	<b>340,000.00</b>	<b>(200,000.00)</b>	<b>0.00</b>	<b>140,000.00</b>

**WEISER BASIN**

Lost Valley Reservoir - Northern Idaho Ground Squirrel S	30,000.00		30,000.00	(24,759.00)		5,241.00
<b>WEISER BASIN TOTAL.....</b>	<b>30,000.00</b>	<b>0.00</b>	<b>30,000.00</b>	<b>(24,759.00)</b>	<b>0.00</b>	<b>5,241.00</b>

**NORTHERN IDAHO AQUIFERS**

Lewiston Study Phase II.....	109,351.82		109,351.82	(109,351.82)		0.00
<b>NORTHERN IDAHO AQUIFERS TOTAL.....</b>	<b>109,351.82</b>	<b>0.00</b>	<b>109,351.82</b>	<b>0.00</b>	<b>(109,351.82)</b>	<b>0.00</b>

**OTHER STATEWIDE STUDIES & PROJECTS**



Ground water conservation grants in priority aquifers (CO	200,000.00		200,000.00	(62,484.03)	(112,515.97)	25,000.00
Cloud Seeding Operations & Maintenance (1/3 of total)...	600,000.00	18,000.00	618,000.00	(580,000.00)		38,000.00
NRCS Snow Survey contribution USDA (CON01177).....	100,000.00	100,000.00	200,000.00	(150,000.00)		50,000.00
<b>Total Statewide Studies &amp; Projects</b>	<b>900,000.00</b>	<b>118,000.00</b>	<b>1,018,000.00</b>	<b>(792,484.03)</b>	<b>(112,515.97)</b>	<b>113,000.00</b>

<b>TOTAL COMMITTED FUNDS THRU FY 2018.....</b>	<b>8,841,788.27</b>	<b>3,438,000.00</b>	<b>12,330,788.27</b>	<b>(7,377,564.21)</b>	<b>(2,088,941.69)</b>	<b>2,864,282.37</b>	<b>Adjustments</b>
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<b>FY 2019 BUDGET</b>	<b>Budget (as approved - May 2018)</b>	<b>Amendments</b>	<b>Budget (as amended)</b>	<b>Obligated</b>	<b>Expenditures</b>	<b>Carry forward</b>	<b>Committed</b>
<b>ESPA Managed Recharge Operations</b>							
Equipment & Supplies.....	89,000.00		89,000.00	89,000.00	(24,569.14)	(64,430.86)	0.00
Conveyance Cost.....	3,500,000.00		3,500,000.00	3,500,000.00	(408,238.00)	(919,876.89)	2,171,885.11
Recharge Monitoring.....	554,550.00		554,550.00	554,550.00	(263,712.43)	(290,837.57)	0.00
Regional Monitoring.....	200,000.00		200,000.00	200,000.00	(171,726.02)		28,273.98
<b>Total ESPA Managed Recharge Operations.....</b>	<b>4,254,550.00</b>	<b>0.00</b>	<b>4,254,550.00</b>	<b>4,254,550.00</b>	<b>(843,676.45)</b>	<b>(1,210,714.46)</b>	<b>2,200,159.09</b>
<b>ESPA Managed Recharge Infrastructure</b>							
North Side CC - Wilson Canyon Recharge Basin (CON01	1,750,000.00	150,000.00	1,900,000.00	1,900,000.00	(1,146,824.70)		753,175.30
AFRD2 MP29 Site (CON01384).....	2,150,000.00		2,150,000.00	2,150,000.00	0.00	(1,500,000.00)	650,000.00
AFRD2 MP28 Hydro Plant Tailbay - Big Wood Canal (CO	1,000,000.00	400,000.00	1,400,000.00	1,400,000.00	(1,365,000.00)		35,000.00
South Fork & other small Upper Valley sites (CON01297,	1,000,000.00		1,000,000.00	1,000,000.00	(134,941.65)	(842,935.85)	22,122.50
Reserved for Additional Recharge Projects.....	500,000.00	(400,000.00)	100,000.00	100,000.00		(100,000.00)	0.00
<b>Total ESPA Managed Recharge Infrastructure.....</b>	<b>6,950,000.00</b>	<b>150,000.00</b>	<b>7,100,000.00</b>	<b>7,100,000.00</b>	<b>(2,646,766.35)</b>	<b>(2,992,935.85)</b>	<b>1,460,297.80</b>
<b>Managed Recharge Investigations</b>							
North Side CC - Recharge Sites (CON01301).....	200,000.00		200,000.00	200,000.00	(24,500.00)	(175,500.00)	0.00
MP 29 Managed Recharge Site (CON01296 & CON01337)		85,500.00	85,500.00	85,500.00	(24,738.48)		60,761.52
Large Upper Valley Sites.....	200,000.00		200,000.00	200,000.00		(200,000.00)	0.00
Big/Little Wood Sites.....	200,000.00		200,000.00	200,000.00		(200,000.00)	0.00
Reserved for additional investigations and engineering (C	300,000.00	(85,500.00)	214,500.00	214,500.00		(214,500.00)	0.00
<b>Total Managed Recharge Investigations.....</b>	<b>900,000.00</b>	<b>0.00</b>	<b>900,000.00</b>	<b>900,000.00</b>	<b>(49,238.48)</b>	<b>(790,000.00)</b>	<b>60,761.52</b>
<b>ESPA Hydrologic Monitoring</b>							
Hydrologic Monitoring (DOE - Year 1 of 3 = \$928K).....	310,000.00		310,000.00	310,000.00	(51,861.41)		258,138.59
<b>ESPA Hydrologic Monitoring .....</b>	<b>310,000.00</b>	<b>0.00</b>	<b>310,000.00</b>	<b>310,000.00</b>	<b>(51,861.41)</b>	<b>0.00</b>	<b>258,138.59</b>

#### TREASURE VALLEY

Treasure Valley Modeling Year 3 of 5 (USGS 6605).....	500,000.00		500,000.00	500,000.00	30,779.10		530,779.10
Boise River Storage Studies (final payment).....	1,000,000.00		1,000,000.00	1,000,000.00	(838,661.63)		161,338.37
Southeast Boise Groundwater Management Area Monitor	100,000.00		100,000.00	100,000.00	0.00		100,000.00
Treasure Valley Recharge Study (CON01320).....	200,000.00		200,000.00	200,000.00	(136,355.85)	(10.00)	63,634.15

Treasure Valley DCMI Water Conservation Study.....	200,000.00		200,000.00	200,000.00		(200,000.00)	0.00
<b>TREASURE VALLEY TOTAL.....</b>	<b>2,000,000.00</b>	<b>0.00</b>	<b>2,000,000.00</b>	<b>2,000,000.00</b>	<b>(944,238.38)</b>	<b>(200,010.00)</b>	<b>855,751.62</b>
<b>CAMAS PRAIRIE</b>							
Ground & Surface Water Monitoring.....	75,000.00		75,000.00	75,000.00		(75,000.00)	0.00
<b>CAMAS PRAIRIE TOTAL.....</b>	<b>75,000.00</b>	<b>0.00</b>	<b>75,000.00</b>	<b>75,000.00</b>	<b>0.00</b>	<b>(75,000.00)</b>	<b>0.00</b>
<b>BIG LOST</b>							
Hydrologic Monitoring (DOE - Year 1 of 3 = \$1.14M).....	380,000.00		380,000.00	380,000.00	(193,469.79)		186,530.21
<b>BIG LOST TOTAL.....</b>	<b>380,000.00</b>	<b>0.00</b>	<b>380,000.00</b>	<b>380,000.00</b>	<b>(193,469.79)</b>	<b>0.00</b>	<b>186,530.21</b>
<b>PALOUSE BASIN</b>							
Water Sustainability Projects.....	100,000.00		100,000.00	100,000.00		(100,000.00)	0.00
<b>PALOUSE BASIN TOTAL.....</b>	<b>100,000.00</b>	<b>0.00</b>	<b>100,000.00</b>	<b>100,000.00</b>	<b>0.00</b>	<b>(100,000.00)</b>	<b>0.00</b>
<b>BEAR RIVER BASIN</b>							
Water Sustainability Projects.....	250,000.00		250,000.00	250,000.00		(250,000.00)	0.00
<b>BEAR RIVER BASIN TOTAL.....</b>	<b>250,000.00</b>	<b>0.00</b>	<b>250,000.00</b>	<b>250,000.00</b>	<b>0.00</b>	<b>(250,000.00)</b>	<b>0.00</b>
<b>STATE-WIDE</b>							
Aquifer monitoring network enhancements in priority aquifers.....	309,351.82		309,351.82	309,351.82	(253,956.13)		55,395.69
Cooperative Cloud Seeding Program							
Operations & Maintenance (1/3 of total).....	800,000.00		800,000.00	800,000.00	(800,000.00)		0.00
Cloud Seeding Modeling Project, CON01254 (Year 2)	470,000.00		470,000.00	470,000.00	(412,052.50)		57,947.50
Operations Costs for add'l generators & Upper Snake	425,000.00		425,000.00	425,000.00		(425,000.00)	0.00
Administrative expenses (public information, staff training)	80,000.00		80,000.00	80,000.00	(41,118.01)	(38,881.99)	0.00
Professional Assistance for securing Federal Funding.....	100,000.00		100,000.00	100,000.00	(72,216.10)	(16,112.18)	11,671.72
<b>STATE-WIDE TOTAL.....</b>	<b>2,184,351.82</b>	<b>0.00</b>	<b>2,184,351.82</b>	<b>2,184,351.82</b>	<b>(1,579,342.74)</b>	<b>(479,994.17)</b>	<b>125,014.91</b>
Unspecified Projects in Other Areas or Carry-over.....	505,210.00	(150,000.00)	355,210.00				
<b>TOTAL FY 2019 BUDGETED FUNDS.....</b>	<b>17,909,111.82</b>	<b>0.00</b>	<b>17,909,111.82</b>	<b>17,553,901.82</b>	<b>(6,308,593.60)</b>	<b>(6,098,654.48)</b>	<b>5,146,653.74</b>

<b>FY 2020 BUDGET</b>	<b>Budget (as approved - May 2019)</b>	<b>Amendments</b>	<b>Budget (as amended)</b>	<b>Obligated</b>	<b>Expenditures</b>	<b>Carry forward</b>	<b>Committed</b>
<b>ESPA Managed Recharge Operations</b>							
Equipment & Supplies.....	192,880.00		192,880.00	192,880.00	(6,815.17)		186,064.83
Conveyance Cost.....	3,500,000.00		3,500,000.00				0.00
Recharge Monitoring.....	540,950.00		540,950.00	540,950.00	(82,566.50)		458,383.50
Regional Monitoring.....	200,000.00		200,000.00	200,000.00	(33,670.43)		166,329.57
<b>Total ESPA Managed Recharge Operations.....</b>	<b>4,433,830.00</b>	<b>0.00</b>	<b>4,433,830.00</b>	<b>933,830.00</b>	<b>(123,052.10)</b>	<b>0.00</b>	<b>810,777.90</b>



**ESPA Managed Recharge Infrastructure**

North Side CC - Eden Projects.....	2,000,000.00		2,000,000.00				0.00
Large Upper Valley Investigations.....	500,000.00		500,000.00				0.00
Small Upper Valley Sites.....	1,000,000.00		1,000,000.00				0.00
A&B Irrigation - Injection Wells.....	550,000.00		550,000.00				0.00
Reserved for Additional Recharge Projects.....	500,000.00		500,000.00				0.00
<b>Total ESPA Managed Recharge Infrastructure.....</b>	<b>4,550,000.00</b>	<b>0.00</b>	<b>4,550,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**Managed Recharge Investigations**

Big/Little Wood Sites.....	200,000.00		200,000.00				0.00
Reserved for additional investigations and engineering...	300,000.00		300,000.00				0.00
<b>Total Managed Recharge Investigations.....</b>	<b>500,000.00</b>	<b>0.00</b>	<b>500,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**ESPA Hydrologic Monitoring**

Hydrologic Monitoring (DOE - Year 2 of 3 = \$928K).....	310,000.00		310,000.00	310,000.00			310,000.00
<b>ESPA Hydrologic Monitoring .....</b>	<b>310,000.00</b>	<b>0.00</b>	<b>310,000.00</b>	<b>310,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>310,000.00</b>

**TREASURE VALLEY**

Treasure Valley Modeling Year 4 of 5 (USGS 6605).....	500,000.00		500,000.00	500,000.00			500,000.00
Treasure Valley DCMI Water Conservation Study.....	200,000.00		200,000.00				0.00
<b>TREASURE VALLEY TOTAL.....</b>	<b>700,000.00</b>	<b>0.00</b>	<b>700,000.00</b>	<b>500,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>500,000.00</b>

**CAMAS PRAIRIE**

Ground & Surface Water Monitoring.....	15,000.00		15,000.00				0.00
<b>CAMAS PRAIRIE TOTAL.....</b>	<b>15,000.00</b>	<b>0.00</b>	<b>15,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**BIG LOST**

Hydrologic Monitoring (DOE - Year 2 of 3 = \$1.14M).....	380,000.00		380,000.00	380,000.00	174,478.16		554,478.16
<b>BIG LOST TOTAL.....</b>	<b>380,000.00</b>	<b>0.00</b>	<b>380,000.00</b>	<b>380,000.00</b>	<b>174,478.16</b>	<b>0.00</b>	<b>554,478.16</b>

**PALOUSE BASIN**

Water Sustainability Projects.....	100,000.00		100,000.00				0.00
<b>PALOUSE BASIN TOTAL.....</b>	<b>100,000.00</b>	<b>0.00</b>	<b>100,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**BEAR RIVER BASIN**

Water Sustainability Projects.....	100,000.00		100,000.00	100,000.00	0.00		100,000.00
<b>BEAR RIVER BASIN TOTAL.....</b>	<b>100,000.00</b>	<b>0.00</b>	<b>100,000.00</b>	<b>100,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>100,000.00</b>

**COOPERATIVE CLOUD SEEDING PROGRAM**

Cloud Seeding Modeling Project, CON01254 (Year 3 of 4).....	231,000.00		231,000.00	231,000.00	0.00		231,000.00
Operations & Maintenance - CON01393 (1/3 of total annual).....	1,232,000.00		1,232,000.00	900,000.00			900,000.00
Capital Expenditures - CON01444 (HPC - Year 1 of 2, Total).....	500,000.00		500,000.00	500,000.00			500,000.00
Program Development Activities - CON01444.....	200,000.00		200,000.00	25,000.00			25,000.00

COOPERATIVE CLOUD SEEDING PROGRAM TO	2,163,000.00	0.00	2,163,000.00	1,656,000.00	0.00	0.00	1,656,000.00
<b>RAFT RIVER BASIN</b>							
Raft River Basin Hydrologic Project (CON01424)		204,000.00	204,000.00	204,000.00	(21,773.70)		182,226.30
<b>RAFT RIVER BASIN TOTAL</b>	<b>0.00</b>	<b>204,000.00</b>	<b>204,000.00</b>	<b>204,000.00</b>	<b>(21,773.70)</b>	<b>0.00</b>	<b>182,226.30</b>
<b>STATE-WIDE</b>							
Administrative expenses (public information, staff training)	80,000.00		80,000.00	80,000.00	(375.00)		79,625.00
Hydrological monitoring hardware and software	15,000.00		15,000.00	15,000.00			15,000.00
Professional Assistance for securing Federal Funding	100,000.00		100,000.00	100,000.00	(16,015.37)		83,984.63
<u>Aquifer monitoring network enhancements in priority aquifers</u>							
Northern Idaho	125,000.00		125,000.00	125,000.00			125,000.00
Southern Idaho (non-ESPA)	125,000.00		125,000.00	125,000.00			125,000.00
<b>STATE-WIDE TOTAL</b>	<b>445,000.00</b>	<b>0.00</b>	<b>445,000.00</b>	<b>195,000.00</b>	<b>(16,390.37)</b>	<b>0.00</b>	<b>178,609.63</b>
Unspecified Projects in Other Areas or Carry-over	1,555,170.00	(204,000.00)	1,351,170.00				
<b>TOTAL FY 2020 BUDGETED FUNDS</b>	<b>15,252,000.00</b>	<b>(204,000.00)</b>	<b>15,048,000.00</b>	<b>2,418,830.00</b>	<b>35,035.69</b>	<b>0.00</b>	<b>2,453,865.69</b>

<b>FY 20201 BUDGET</b>	<b>Budget (as approved - May 2020)</b>	<b>Amendments</b>	<b>Budget (as amended)</b>	<b>Obligated</b>	<b>Expenditures</b>	<b>Carry forward</b>	<b>Committed</b>
<b>ESPA Managed Recharge Operations</b>							
Equipment & Supplies	229,000.00		229,000.00	229,000.00			229,000.00
Conveyance Cost	3,500,000.00		3,500,000.00	3,500,000.00			3,500,000.00
Recharge Monitoring	526,000.00		526,000.00	526,000.00			526,000.00
Regional Monitoring	225,000.00		225,000.00	225,000.00			225,000.00
<b>Total ESPA Managed Recharge Operations</b>	<b>4,480,000.00</b>	<b>0.00</b>	<b>4,480,000.00</b>	<b>4,480,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>4,480,000.00</b>
<b>ESPA Managed Recharge Infrastructure</b>							
Enterprize Project	2,000,000.00		2,000,000.00	2,000,000.00			2,000,000.00
Butte Market Lake Project	500,000.00		500,000.00	500,000.00			500,000.00
Reserved for Additional Recharge Projects	500,000.00		500,000.00	500,000.00			500,000.00
<b>Total ESPA Managed Recharge Infrastructure</b>	<b>3,000,000.00</b>	<b>0.00</b>	<b>3,000,000.00</b>	<b>3,000,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3,000,000.00</b>
<b>Managed Recharge Investigations</b>							
Large Upper Valley Project	300,000.00		300,000.00	300,000.00			300,000.00
ASCC Project Investigation	200,000.00		200,000.00	200,000.00			200,000.00
North Side Hunt Projects	500,000.00		500,000.00	500,000.00			500,000.00
Reserved for additional investigations and engineering	300,000.00		300,000.00	300,000.00			300,000.00
<b>Total Managed Recharge Investigations</b>	<b>1,300,000.00</b>	<b>0.00</b>	<b>1,300,000.00</b>	<b>1,300,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1,300,000.00</b>



**ESPA Hydrologic Monitoring**

Hydrologic Monitoring (DOE - Year 3 of 3 = \$928K).....	308,000.00		308,000.00	308,000.00			308,000.00
<b>ESPA Hydrologic Monitoring .....</b>	<b>308,000.00</b>	<b>0.00</b>	<b>308,000.00</b>	<b>308,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>308,000.00</b>

**TREASURE VALLEY**

Treasure Valley Modeling Year 5 of 5 (USGS 6605).....	500,000.00		500,000.00	500,000.00			500,000.00
Boise River Storage Study.....	250,000.00		250,000.00	250,000.00			250,000.00
<b>TREASURE VALLEY TOTAL.....</b>	<b>750,000.00</b>	<b>0.00</b>	<b>750,000.00</b>	<b>750,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>750,000.00</b>

**RAFT RIVER**

Raft River Hydrologic Characterization.....	100,000.00		100,000.00	100,000.00			100,000.00
<b>RAFT RIVER TOTAL.....</b>	<b>100,000.00</b>	<b>0.00</b>	<b>100,000.00</b>	<b>100,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>100,000.00</b>

**BIG LOST**

Hydrologic Monitoring (DOE - Year 3 of 3 = \$1.14M).....	380,000.00		380,000.00	380,000.00			380,000.00
<b>BIG LOST TOTAL.....</b>	<b>380,000.00</b>	<b>0.00</b>	<b>380,000.00</b>	<b>380,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>380,000.00</b>

**PALOUSE BASIN**

Water Sustainability Projects.....	200,000.00		200,000.00	200,000.00			200,000.00
<b>PALOUSE BASIN TOTAL.....</b>	<b>200,000.00</b>	<b>0.00</b>	<b>200,000.00</b>	<b>200,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>200,000.00</b>

**BEAR RIVER BASIN**

Water Sustainability Projects.....	100,000.00		100,000.00	100,000.00	0.00		100,000.00
<b>BEAR RIVER BASIN TOTAL.....</b>	<b>100,000.00</b>	<b>0.00</b>	<b>100,000.00</b>	<b>100,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>100,000.00</b>

**LEMHI BASIN**

Lemhi Basin SCR 137.....	200,000.00		200,000.00	200,000.00			200,000.00
<b>LEMHI BASIN TOTAL.....</b>	<b>200,000.00</b>	<b>0.00</b>	<b>200,000.00</b>	<b>200,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>200,000.00</b>

**MOUNTAIN HOME/ELMORE COUNTY**

Water Sustainability Projects.....	200,000.00		200,000.00	200,000.00	0.00		200,000.00
<b>MOUNTAIN HOME/ELMORE COUNTY TOTAL.....</b>	<b>200,000.00</b>	<b>0.00</b>	<b>200,000.00</b>	<b>200,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>200,000.00</b>

**COOPERATIVE CLOUD SEEDING PROGRAM**

Cloud Seeding Modeling Project, CON01254 (Year 4 of 4).....	240,000.00		240,000.00	240,000.00			240,000.00
Operations & Maintenance - CON01393 (1/3 of total annual).....	875,000.00		875,000.00	875,000.00			875,000.00
O&M Shortages provided by IWRB.....	500,000.00		500,000.00	500,000.00			500,000.00
Capital Expenditures - CON01444 (HPC - Year 2 of 2, Total).....	200,000.00		200,000.00	200,000.00			200,000.00
Program Development Activities .....	500,000.00		500,000.00	500,000.00			500,000.00
<b>COOPERATIVE CLOUD SEEDING PROGRAM TOTAL.....</b>	<b>2,315,000.00</b>	<b>0.00</b>	<b>2,315,000.00</b>	<b>2,315,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2,315,000.00</b>

**STATE-WIDE**

Administrative expenses (public information, staff training).....	85,000.00		85,000.00	85,000.00	0.00		85,000.00
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Professional Assistance for securing Federal Funding.....	100,000.00		100,000.00	100,000.00	0.00		100,000.00
Statewide Surface Water & Aquifer Monitoring.....	850,000.00		850,000.00	850,000.00	0.00		850,000.00
<b>STATE-WIDE TOTAL.....</b>	<b>1,035,000.00</b>	<b>0.00</b>	<b>1,035,000.00</b>	<b>1,035,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1,035,000.00</b>
<b>FIVE PERCENT REQUESTED HOLBACK TOTAL.....</b>	<b>250,000.00</b>		<b>250,000.00</b>	<b>250,000.00</b>			<b>250,000.00</b>
Unspecified Projects in Other Areas or Carry-over.....	0.00		0.00				
<b>TOTAL FY 2021 BUDGETED FUNDS.....</b>	<b>14,618,000.00</b>	<b>0.00</b>	<b>14,618,000.00</b>	<b>14,618,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>14,618,000.00</b>



IDAHO WATER RESOURCE BOARD  
Sources and Applications of Funds  
as of July 31, 2020  
REVOLVING DEVELOPMENT ACCOUNT

Original Appropriation (1969).....		\$500,000.00
Legislative Appropriation FY90-91.....		\$250,000.00
Legislative Appropriation FY91-92.....		\$280,700.00
Legislative Appropriation FY93-94.....		\$500,000.00
Legislative Appropriation 2001, SB1239.....		\$200,000.00
Legislative Appropriation 2004, HB843, Sec 12.....		\$500,000.00
Loan Interest.....		\$12,357,012.88
Interest Earned State Treasury (Transferred).....		\$2,307,198.22
Water Supply Bank Receipts.....		\$7,744,128.00
Transferred to/from Water Management Account.....		\$317,253.80
Filing Fee Balance.....		\$47,640.20
Bond Fees.....		\$1,469,601.45
Series 2000 (Caldwell/New York) Pooled Bond Issuers fees.....		\$43,657.93
2012 Ground Water District Bond Issuer fees.....		\$366,000.00
Bond Issuer fees.....		\$21,107.59
Pierce Well Easement.....		\$2,000.00
Transfer from Aqualife Hatchery Sub-Account.....		\$1,117,800.85
Transfer from Pristine Springs Sub-Account.....		\$554,882.10
Legislative Audits.....		(\$49,404.45)
IWRB Bond Program.....		(\$15,000.00)
IWRB Studies and Projects.....		(\$249,067.18)
Arbitrage Calculation Fees.....		(\$12,000.00)
Protest Fees.....		(\$995.00)
Attorney fees for Jughandle LID (Skinner Fawcett).....		(\$3,600.00)
Attorney fees for A&B Irrigation (Skinner Fawcett).....		(\$4,637.50)
Lemhi Basin Protest Costs - (Attorney General's Office).....		(\$32,279.54)
Weiser Galloway Study - US Army Corps of Engineers.....		(\$1,555,450.71)
Boise River Storage Feasibility Study.....		(\$333,000.00)
Geotech Environmental (Transducers).....		(\$6,402.61)
Priest Lake Improvement Study (16-Mar-16).....		(\$370,393.26)
Treasureton Irrigation Ditch Co.....		(\$5,000.00)
<b>Mountain Home AFB Water Sustainability Project (29514)</b>		
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$4,000,000.00	
JR Simplot - WR Purchase.....	(\$2,500,000.00)	
LeMoyne Appraisal LLC.....	(\$10,500.00)	
IWRB WSB Lease Application.....	(\$750.00)	
Integrated Delivery Solutions - Mark Alpert.....	(\$34,459.18)	
Brown & Caldwell - Owner's Advisor.....	(\$1,218,298.11)	
SPF Engineering - WR Transfer.....	(\$118,715.75)	
Skinner-Fawcett - Bond Counsel.....	(\$31,602.41)	
Pillsbury, Winthrop, & Shaw - DBO Counsel.....	(\$79,839.30)	
Project Costs (mailings, travel, teleconference calls).....	(\$1,769.91)	
Publishing Costs.....	(\$1,648.16)	
Water District 02 Assessments.....	(\$2,417.18)	
<b>Balance for Mountain Home AFB Water Sustainability Project.....</b>		<b>\$0.00</b>
<b>Galloway Dam &amp; Reservoir Project (29517)</b>		
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$2,000,000.00	
Galloway Dam & Reservoir Project Costs (HB 479).....	(\$124,649.52)	
<b>Balance Galloway Dam &amp; Reservoir Project.....</b>		<b>\$1,875,350.48</b>
<b>Boise River (Arrowrock Enlargement) Feasibility Study (29518)</b>		
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$1,500,000.00	
Boise River (Arrowrock Enlargement) Feasibility Study Costs (HB479).....	(\$1,500,000.00)	
<b>Balance Boise River (Arrowrock Enlargement) Feasibility Study (HB479).....</b>		<b>\$0.00</b>
<b>Island Park Enlargement (29520)</b>		
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$2,500,000.00	
Island Park Enlargement Costs (HB 479).....	(\$174,170.00)	
<b>Balance Island Park Enlargement (HB 479).....</b>		<b>\$2,325,830.00</b>
<b>Water Supply Bank Computer Infrastructure (29519)</b>		
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$500,000.00	
Water Supply Bank Computer Infrastructure Costs (HB 479).....	(\$497,350.75)	
<b>Balance Water Supply Bank Computer Infrastructure (HB 479).....</b>		<b>\$2,649.25</b>
<b>Cash Balance of Legislative Appropriation 2014, HB 479 Sec 1 and 2.....</b>		<b>\$4,203,829.73</b>
<b>Minidoka Dam Enlargement/Teton Dam Replacement Studies (29510)</b>		
Legislative Appropriation 2008, SB1511 Sec 2, Minidoka/Teton Studies.....	\$1,800,000.00	
Legislative Appropriation 2008, SB1511 Sec 2, Minidoka Studies Expenditures.....	(\$1,229,460.18)	
<b>Balance for Minidoka Dam Enlargement/Teton Dam Replacement Studies.....</b>		<b>\$570,539.82</b>
<b>Priest Lake Water Management Project (29521)</b>		
Legislative Appropriation (2018, HB 677 Sec 5).....	\$2,400,000.00	
Legislative Approval (2018, HB 677 Sec 6).....	\$2,419,580.50	
Legislative Approval (2020, HB 645 Sec 7).....	\$410,000.00	
Bonner County Contribution.....	\$160,000.00	
Interest Earned State Treasury.....	\$152,035.34	
<b>Total Priest Lake Water Management Project Revenue.....</b>		<b>\$5,541,615.84</b>
Misc Expenditures.....	(\$1,752.43)	
Operator Contracts (CON01445, CON01453, CON01454).....		

Contract Expenditures - Mott MacDonald (CON01290).....		
Contract Expenditures - Mott MacDonald (CON01290).....		
Contract Expenditures - Mott MacDonald (CON01290).....	(\$1,129,565.34)	
<b>Total Priest Lake Water Management Project Expenditures.....</b>		<b>(\$1,131,317.77)</b>
<b>Cash Balance Priest Lake Water Management Project.....</b>		<b>\$4,410,298.07</b>
Committed Funds		
Dam Operator Contracts (CON01445, CON01453, CON01454).....	\$47,339.72	
Mott MacDonald Contract (CON01426).....	\$70,483.76	
<b>TOTAL COMMITTED FUNDS.....</b>	<b>\$117,823.48</b>	
<b>Uncommitted Priest Lake Water Management Project Balance.....</b>		<b>\$4,292,474.59</b>



<b>Bell Rapids Water Rights Sub-Account</b>		
Legislative Appropriation 2005, HB392.....	\$21,300,000.00	
Bureau of Reclamation Payments Received.....	\$29,446,335.46	
Remaining balance in ESPA Sub-Account.....	\$341,759.55	
Interest Earned State Treasury.....	\$698,613.04	
<b>Total Bell Rapids Water Rights Sub-Account Revenue.....</b>		<b>\$51,786,708.05</b>
Bell Rapids Purchase.....	(\$22,041,697.55)	
Transfer to General Fund - P&I.....	(\$22,072,052.06)	
Payment to US Bank for Alternative Financing Note.....	(\$7,118,125.86)	
Payment for Water District 02 Assessments.....	(\$91,397.61)	
Payment for Ongoing Bell Rapids Finance Costs (trustee fees, water bank	(\$6,740.10)	
<b>Total Bell Rapids Water Rights Sub-Account Expenditures.....</b>		<b>(\$51,330,013.18)</b>
<b>Cash Balance Bell Rapids Water Rights Sub-Account.....</b>		<b>\$456,694.87</b>
Committed Funds		
Ongoing Bell Rapids Finance Costs (trustee fees, WD02).....	\$456,694.87	
<b>TOTAL COMMITTED FUNDS.....</b>	<b>\$456,694.87</b>	
<b>Uncommitted Bell Rapids Water Rights Sub-Account Balance.....</b>		<b>\$0.00</b>
<b>Pristine Springs Project Sub-Account</b>		
Rental Payments to be Transferred to Secondary Aquifer Fund.....	\$961,675.10	
Loan Interest.....	\$2,582,741.32	
Loan Principal from Magic Valley & North Snake GWD.....	\$5,880,897.66	
<b>Total Pristine Springs Project Revenue to be Transferred.....</b>		<b>\$9,425,314.08</b>
Total Pristine Springs Project Revenue Transferred to 0129-01.....	(\$5,129,300.00)	
Total Pristine Springs Project Revenue Transferred to 0129.....	(\$4,296,000.00)	
<b>Total Pristine Springs Project Sub-Account Transfers.....</b>		<b>(\$9,425,300.00)</b>
<b>Cash Balance Pristine Springs Sub-Account.....</b>		<b>\$14.08</b>
Pristine Springs Committed Funds		
Loan Payments to be transferred to 0129.....	\$14.08	
<b>TOTAL COMMITTED FUNDS.....</b>	<b>\$14.08</b>	
<b>Loans Outstanding for Purchase of PS Water Rights</b>		
Loan to North Snake & Magic Valley GWD.....	\$10,000,000.00	
Payments from North Snake & Magic Valley GWD.....	(\$5,880,897.66)	
Total Loans Outstanding.....	\$4,119,102.34	
<b>Uncommitted Pristine Springs Sub-Account.....</b>		<b>(\$0.00)</b>
<b>Rathdrum Prairie CAMP &amp; Treasure Valley CAMP Sub-Account</b>		
Pristine Springs Hydropower and Rental Revenues.....	\$271,672.34	
Interest Earned State Treasury.....	\$573.11	
<b>Rathdrum Prairie CAMP &amp; Treasure Valley CAMP Sub-Account Revenue.....</b>		<b>\$272,245.45</b>
Spokane River Forum.....	(\$23,000.00)	
Treasure Valley Water Quality Summit.....	(\$500.00)	
Kootenai-Shoshone Soil & Water Cons. Dist. - Agrimet Station.....	(\$20,000.00)	
Rathdrum Prairie-Spokane Valley Aquifer Pumping Study (CON00989).....	(\$70,000.00)	
Idaho Washington Aquifer Collaborative.....	(\$10,000.00)	
<b>Rathdrum Prairie CAMP &amp; Treasure Valley CAMP Sub-Account Expenditures.....</b>		<b>(\$123,500.00)</b>
<b>Cash Balance Rathdrum Prairie CAMP &amp; Treasure Valley CAMP Sub-Account.....</b>		<b>\$148,745.45</b>
Committed Funds		
Spokane River Forum.....	\$0.00	
<b>TOTAL COMMITTED FUNDS.....</b>	<b>\$0.00</b>	
<b>Uncommitted Rathdrum Prairie CAMP &amp; TV CAMP Sub-Account.....</b>		<b>\$148,745.45</b>
<b>Upper Salmon/CBWTP Sub-Account</b>		
Water Transaction Projects Payment Advances from CBWTP/Accord.....	\$6,665,043.76	
PCSRF Funds for Admin of Non-Diversion Easements on Lemhi River.....	\$207,837.16	
Interest Earned State Treasury.....	\$350,030.86	
<b>Upper Salmon/CBWTP Sub-Account Revenue.....</b>		<b>\$7,222,911.78</b>
Transfer to Water Supply Bank.....	(\$109,678.19)	
Change of Ownership.....	(\$600.00)	
Appraisals/Closing Costs.....	(\$13,905.98)	
Payments for Water Acquisition.....	(\$2,948,173.36)	
<b>Upper Salmon/CBWTP Sub-Account Expenditures.....</b>		<b>(\$3,072,357.53)</b>
<b>Cash Balance CBWTP Sub-Account.....</b>		<b>\$4,150,554.25</b>
Committed Funds		
Administration of Non-Diversion Easements on Lemhi River.....	\$137,840.61	
Bayhorse Creek (Peterson Ranch).....	\$27,317.73	
Badger Creek (OWBP) WSB.....	\$2,389.10	
Beaver Creek (DOT LLP).....	\$109,430.78	
Big Timber Tyler (Leadore Land Partners).....	\$388,293.79	
Bohannon Creek DJ (Barbara Stokes).....	\$844,973.14	
Bohannon Creek BS (Betty Stokes).....	\$415,520.54	
Canyon Creek/Big Timber Creek (Beyeler).....	\$366,865.77	
Carmen Creek (Bill Slavin).....	\$200,711.39	
Carmen Creek (Bruce Slavin).....	\$125,947.97	
Fourth of July Creek (Defiance Investments).....	\$14,486.34	
Iron Creek (Koncz).....	\$169,266.51	
Kenney Creek Source Switch (Gail Andrews).....	\$21,185.36	
Lemhi - Big Springs (Merrill Beyeler).....	\$52,340.29	
Lemhi River & Little Springs Creek Kauer (McFarland Livestock Co).....	\$17,631.52	
Little Springs Creek (Snyder).....	\$235,821.48	
Lower Eighteenmile Creek (Ellsworth Angus Ranch).....	\$1,777.78	
Lower Lemhi Thomas (Robert Thomas).....	\$900.00	
P-9 Bowles (River Valley Ranch).....	\$227,185.67	
P-9 Charlton (Sydney Downton).....	\$15,090.97	
P-9 Downton (Western Sky LLC).....	\$180,837.82	
P-9 Elzinga (Elzinga).....	\$223,681.59	

Patterson-Big Springs PBSC9 (Silver Bit Angus/S Whitworth).....	\$158,152.47	
Pole Creek (Salmon Falls Land).....	\$612,837.42	
Pratt Creek (Mulkey).....	\$79,287.64	
Spring Creek (Richard Beard).....	\$2,070.98	
Spring Creek (Ella Beard).....	\$3,030.79	
Whitefish (Leadore Land Partners).....	\$132,035.53	
Total Committed Funds.....	\$4,766,910.98	
<b>Uncommitted CBWTP Sub-Account Balance.....</b>		<b>(\$616,356.73)</b>
<b>Water Supply Bank Sub-Account</b>		
Interest Earned State Treasury.....	\$32,930.50	
Payments received from renters.....	\$4,625,706.26	
Payments made to owners.....	(\$4,050,198.38)	
<b>Cash Balance Water Supply Bank Sub-Account.....</b>		<b>\$608,438.38</b>
Committed Funds:		
Owners Share.....	\$575,507.88	
Total Committed Funds.....	\$575,507.88	
<b>Uncommitted Water Supply Bank Sub-Account Balance.....</b>		<b>\$32,930.50</b>
<b>Eastern Snake Plain Sub-Account</b>		
Legislative Appropriation 2005, HB392.....	\$7,200,000.00	
Legislative Appropriation 2005, HB392, CREP Program.....	\$3,000,000.00	
Interest Earned State Treasury.....	\$2,072,649.52	
Loan Interest.....	\$277,068.85	
Reimbursement from Commerce & Labor W-Canal.....	\$74,709.77	
Reimbursement from MGVWD & NSGWD-Pristine Springs.....	\$1,000,000.00	
Reimbursement from Water District 1 for Recharge.....	\$159,764.73	
Reimbursement from BOR for Palisades Reservoir.....	\$2,381.12	
Black Canyon Exchange Project Revenues.....	\$23,800.00	
<b>Eastern Snake Plain Sub-Account Revenue.....</b>		<b>\$13,810,373.99</b>
Installment payments to Bell Rapids Irr Co.....	(\$3,375,180.00)	
Interest Credit due to Bureau of Reclamation (Part of Fourth Installment) ..	(\$19,860.45)	
Pristine Springs Project Costs.....	(\$6,863.91)	
Palisades (FMC) Storage Costs.....	(\$3,522,608.25)	
W-Canal Project Costs.....	(\$326,834.11)	
Black Canyon Exchange Project Costs.....	(\$261,352.00)	
2008-2010 Recharge Conveyance Costs.....	(\$854,064.62)	
Additional recharge projects preliminary development.....	(\$7,919.75)	
Transfer to Bell Rapids Sub Account.....	(\$341,759.55)	
Transfer to Pristine Springs Sub Account.....	(\$1,000,000.00)	
Transfer to Priest Lake Sub-Account (2018 HB 677, Sec 6).....	(\$2,419,580.50)	
<b>Eastern Snake Plain Sub-Account Expenditures.....</b>		<b>(\$12,136,023.14)</b>
<b>Cash Balance Eastern Snake Plain Sub-Account.....</b>		<b>\$1,674,350.85</b>
Loans and Other Commitments		
Commitment - Additional recharge projects preliminary development.....	\$337,594.00	
Commitment - Palasades Storage O&M.....	\$3,221.64	
Commitment - Black Canyon Exchange Project (fund with ongoing revenue)	\$442,252.95	
Total Loans and Other Commitments.....	\$783,068.59	
<b>Eastern Snake Plain Sub-Account Balance after Commitments.....</b>		<b>\$891,282.26</b>
CREP Loans Outstanding:		
American Falls-Aberdeen GWD (CREP).....	\$36,140.40	
Bonneville Jefferson GWD (CREP).....	\$25,669.18	
Magic Valley GWD (CREP).....	\$34,596.98	
North Snake GWD (CREP).....	\$0.00	
TOTAL ESP CREP LOANS OUTSTANDING.....	\$96,406.56	
<b>Uncommitted Eastern Snake Plain Sub-Account Balance.....</b>		<b>\$794,875.70</b>
<b>Dworshak Hydropower Project</b>		
Power Sales & Other.....	\$11,825,964.73	
Interest Earned State Treasury.....	\$891,223.36	
<b>Total Dworshak Project Revenue.....</b>		<b>\$12,717,188.09</b>
Transferred to 1st Security Trustee Account.....	\$148,542.63	
Construction not paid through bond issuance.....	\$226,106.83	
First Security Fees.....	\$314,443.35	
Operations & Maintenance.....	\$3,096,802.79	
Powerplant Repairs.....	\$180,409.72	
Bond payoff.....	\$391,863.11	
Capital Improvements.....	\$318,366.79	
FERC Payments.....	\$126,945.85	
<b>Total Dworshak Project Expenditures.....</b>		<b>(\$4,803,481.07)</b>
<b>Cash Balance Dworshak Hydropower Project.....</b>		<b>\$7,913,707.02</b>
Dworshak Project Committed Funds		
Emergency Repair/Future Replacement Fund.....	\$2,151,244.53	
FERC Fee Payment Fund.....	\$0.00	
Total Dworshak Project Committed Funds.....	\$2,151,244.53	
<b>Uncommitted Dworshak Hydropower Project Sub-Account Balance.....</b>		<b>5,762,462.49</b>
<b>TOTAL.....</b>		<b>\$31,704,215.26</b>
<b>Loans Outstanding:</b>	<b>Amount Loaned</b>	<b>Principal Balance</b>
A&B Irrigation District (Pipeline & Pumping Plant, Dec).....	\$3,500,000.00	\$2,828,441.07
A&B Irrigation District (Pipeline & Pumping Plant, Sept).....	\$3,500,000.00	\$2,969,761.84
Bee Line Water Association (Sep 23, 2014; System Improvements).....	\$600,000.00	\$559,153.10
Canyon County Drainage District No. 2 ( 28-Nov-12; Drain tile pipeline repla	\$35,000.00	\$12,396.42
Chaparral Water Association (21-Jan-11; Well deepening & improvement).....	\$68,000.00	\$3,084.48
Clearview Water Company.....	\$50,000.00	\$26,899.32



Consolidated Irrigation Company (July 20, 2012; pipeline project).....	\$500,000.00	\$429,479.93	
Dalton Water Association.....	\$1,036,900.00	\$724,980.50	
Evans Water Corporation & HOA.....	\$20,000.00	\$15,260.86	
Foothill Ranch Homeowners Association (7-oct-11; well rehab).....	\$150,000.00	\$84,366.58	
Goose Lake Reservoir Corp.....	\$320,000.00	\$275,815.80	
Idaho Ground Water Appropriators (IGWA).....	\$3,208,115.35	\$697,676.85	
Jefferson Irrigation Company (9-May-2008 Well Replacement).....	\$81,000.00	\$0.00	
Last Chance Canal Company (14-July-2015, diversion dam rebuild).....	\$2,500,000.00	\$1,883,428.89	
Lindsay Lateral Association (Engineering Design Project & Pipeline Study)...	\$19,700.00	\$3,374.78	
Marsh Center Irrigation Company (13-May-05; Hawkins Dam).....	\$236,141.00	\$9,679.08	
Marysville Irrigation Company (9-May-08, Pipeline Project Phase 2).....	\$1,100,000.00	\$179,447.80	
Milner Irrigation District (pipeline replacement).....	\$2,000,000.00	\$1,788,788.88	
North Fremont Canal Company (Pipeline Project Phase 3).....	\$4,300,000.00	\$3,203,120.63	
North Side Canal Company (Phase 1 - canal rehab project).....	\$1,846,092.61	\$1,619,931.76	
North Side Canal Company (Phase 2 & 3 - canal rehab project).....	\$2,711,115.08	\$2,534,910.90	
Outlet Water Association (22-Jan-16; new well & improvements).....	\$100,000.00	\$77,750.03	
Pinehurst Water District (23-Jan-15).....	\$100,000.00	\$37,755.72	
Point Springs Grazing Association (July 20, 2012; stock water pipeline).....	\$48,280.00	\$22,373.06	
Producers Irrigation Company.....	\$102,127.50	\$29,118.74	
St. Johns Irrigating Company (14-July-2015; pipeline project).....	\$1,417,905.22	\$1,241,715.87	
Sunset Heights Water District (17-May-13; Exchange water project).....	\$48,000.00	\$9,962.26	
Twin Lakes Canal Company (Winder Lateral Pipeline Project).....	\$500,000.00	\$132,221.75	
Valley County Local Improvement District No. 1/Jughandle HOA (well projec	\$907,552.00	\$432,335.40	
<b>TOTAL LOANS OUTSTANDING.....</b>			<b>\$21,833,232.30</b>
<b>Loans and Other Funding Obligations:</b>			
Senate Bill 1511 - Teton Replacement and Minidoka Enlargement Studies.....		\$570,539.82	
Weiser-Galloway Study (28-May-10).....		\$444,549.29	
Milner Irrigation District (pipeline replacement).....		\$211,211.12	
North Fremont Canal Company.....		\$500,000.00	
<b>TOTAL LOANS AND OTHER FUNDING OBLIGATIONS.....</b>			<b>\$1,726,300.23</b>
<b>Uncommitted Funds.....</b>			<b>\$8,144,682.73</b>
<b>TOTAL.....</b>			<b>\$31,704,215.26</b>

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

Idaho Water Resource Board  
Sources and Applications of Funds  
as of July 31, 2020  
**WATER MANAGEMENT ACCOUNT**

Original Appropriation (1978).....		\$1,000,000.00	
Transfer funds to General Account 1101(HB 130, 1983).....		(\$500,000.00)	
Legislative Appropriation (6/29/1984).....		\$115,800.00	
Legislative Appropriation (SB1239, 2001).....		\$200,000.00	
Interest Earned.....		\$123,312.28	
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 (HB988, 1994).....		\$75,000.00	
Reverted to General Account 6/30/95, (HB988, 1994).....		(\$35,014.25)	
Legislative Appropriation (SB1260, 1995, Aquifer Recharge, Caribou Dam).....		\$1,000,000.00	
Legislative Appropriation (SB1239, 2001, Sugarloaf Aquifer Recharge Project).....		\$60,000.00	
Reverted to General Fund 1/22/19, (SB1239, 2001, Sugarloaf Aquifer Recharge Project).....		(\$4,046.31)	
Legislative Appropriation (HB 843 Sec 6, 2004, ESPA Settlement Water Rentals).....		\$520,000.00	
Legislative Appropriation (SB1496, 2006, ESP Aquifer Management Plan).....		\$300,000.00	
Legislative Appropriation (HB 320, 2007, ESP Aquifer Management Plan).....		\$849,936.99	
Lemhi River Water Right Appraisals.....		(\$31,000.00)	
Legislative Audits.....		(\$10,645.45)	
IWRB Appraisal Study (Charles Thompson).....		(\$5,000.00)	
Western States Water Council Annual Dues.....		(\$7,500.00)	
Transfer to/from Revolving Development Account.....		(\$317,253.80)	
Recharge Projects.....		(\$11,426.88)	
Grants Disbursed.....		(\$1,632,755.21)	
Obligated 1994 (HB988).....		(\$39,985.75)	
SB1260, Aquifer Recharge.....		(\$947,000.00)	
SB1260, Soda (Caribou) Dam Study.....		(\$53,000.00)	
Sugarloaf Aquifer Recharge Project (SB1239, 2001).....		(\$55,953.69)	
ESPA Settlement Water Rentals (HB 843, 2004).....		(\$504,000.00)	
ESP Aquifer Management Plan (SB1496, 2006).....		(\$300,000.00)	
ESP Aquifer Management Plan (HB320, 2007).....		(\$801,077.75)	
<b>CASH BALANCE.....</b>			<b>\$120,081.50</b>
<b>Large Projects Program Sub-Account</b>			
Legislative Appropriation (HB 285, Sec 1, 2019).....	\$20,000,000.00		
Interest Earned State Treasury.....	\$473,582.15		
<b>Total Revenue for Large Projects Program Sub-Account.....</b>		<b>\$20,473,582.15</b>	
	\$0.00		
	\$0.00		
<b>Total Expenditures for Flood Management Program Sub-Account.....</b>		<b>\$0.00</b>	
<b>Cash Balance for Large Projects Program Sub-Account.....</b>			<b>\$20,473,582.15</b>
<b>Water Quality Collection Program Sub-Account</b>			
Legislative Appropriation (HB 285, Sec 3, 2019).....	\$200,000.00		
Legislative Appropriation (HB 646, Sec 5, 2021).....	\$200,000.00		
Interest Earned State Treasury.....	\$4,356.35		
<b>Total Revenue for Water Quality Collection Program Sub-Account.....</b>		<b>\$404,356.35</b>	
DOI-USGS Agreement - Mid-Snake River.....		(\$126,570.37)	
	\$0.00		
<b>Total Expenditures for Water Quality Collection Program Sub-Account.....</b>		<b>(\$126,570.37)</b>	
<b>Cash Balance for Water Quality Collection Program Sub-Account.....</b>			<b>\$277,785.98</b>
<b>Flood Management Program Sub-Account</b>			
Legislative Appropriation (HB 712, Sec 1, 2018, Flood Management Program).....	\$1,000,000.00		
Legislative Appropriation (HB 285, Sec 3, 2019, Flood Management Program).....	\$800,000.00		
Legislative Appropriation (HB 646, Sec 5, 2020, Flood Management Program).....	\$800,000.00		
Interest Earned State Treasury.....	\$25,119.91		
<b>Total Revenue for Flood Management Program Sub-Account.....</b>		<b>\$2,625,119.91</b>	
Grants Disbursed for Leg Approp (HB 712, Sec 1, 2018, Flood Mgmt Pg).....		(\$901,677.56)	
Grants Disbursed for Leg Approp (HB 285, Sec 3, 2019, Flood Mgmt Pg).....		(\$104,577.13)	
<b>Total Expenditures for Flood Management Program Sub-Account.....</b>		<b>(\$1,006,254.69)</b>	
<b>Cash Balance for Flood Management Program Sub-Account.....</b>			<b>\$1,618,865.22</b>
<b>TOTAL.....</b>			<b>\$22,490,314.85</b>
<b>Grants and Other Funding Obligations</b>			
<b>Flood Management Program grants - Year 1 (HB712, Sec 1, 2018)</b>	<b>Grant Amount</b>	<b>Expenditures</b>	<b>Remaining Balance</b>
Flood Control District 9 (CON01303).....	90,000.00	(84,851.70)	5,148.30
Blaine County (CON01304).....	121,331.00	(121,331.00)	0.00
Cassia County (CON01305).....	42,336.38	(19,618.16)	22,718.22
Flood Control District 10 (CON01306 - New Dry Creek River Bank).....	78,400.00	(62,156.50)	16,243.50
Flood Control District 10 (CON01307 - Duck Alley Pit Capture).....	153,550.00	(105,470.43)	48,079.57
Flood Control District 10 (CON01308 - Porter & Mulchay Gravel Removal).....	38,808.00	(35,250.77)	3,557.23
Clearwater Soil & Water Conservation Dist (CON01309).....	155,220.00	(155,219.00)	1.00



<b>Flood Control District 10 (CON01310 - Leighton &amp; Wells Gravel Removal).....</b>	<b>22,000.00</b>	<b>(22,000.00)</b>	<b>0.00</b>
Flood Control District 11 (CON01311).....	57,675.00	(55,100.00)	2,575.00
<b>Twin Lakes/Flood Control Dist 17 (CON01312).....</b>	<b>7,750.00</b>	<b>(7,750.00)</b>	<b>0.00</b>
<b>Twin Falls Canal Company (CON01327).....</b>	<b>85,340.00</b>	<b>(85,340.00)</b>	<b>0.00</b>
<b>Nez Perce Soil &amp; Water Conservation Dist (CON01328).....</b>	<b>115,460.00</b>	<b>(115,460.00)</b>	<b>0.00</b>
<b>Riverside Village HOA (CON01329).....</b>	<b>6,025.00</b>	<b>(6,025.00)</b>	<b>0.00</b>
<b>City of Pocatello (CON01330).....</b>	<b>26,105.00</b>	<b>(26,105.00)</b>	<b>0.00</b>
Uncommitted from HB712 Year 1.....	(95,747.82)		(95,747.82)
<b>Total Committed Balance for Year 1.....</b>	<b>904,252.56</b>	<b>(901,677.56)</b>	<b>2,575.00</b>

**Flood Management Program grants - Year 2 (HB285, Sec 3, 2019)**

<b>City of Boise (CON01396).....</b>	<b>6,371.00</b>	<b>(6,371.00)</b>	<b>0.00</b>
Blaine County (CON01397).....	100,000.00		100,000.00
<b>Board of Controls Irrigation (CON01398).....</b>	<b>59,050.00</b>	<b>(57,827.50)</b>	<b>1,222.50</b>
Clearwater Soil & Water Conservation District (CON01399).....	190,492.37		190,492.37
Clearwater Soil & Water Conservation District (CON01400).....	72,727.39		72,727.39
City of Hailey (CON01401).....	50,000.00	(19,841.33)	30,158.67
Flood Control District No. 10 (CON01402).....	160,000.00		160,000.00
<b>Idaho Soil and Water Conservation District (CON01403) CANCELLED.....</b>	<b>159,436.00</b>		<b>159,436.00</b>
<b>Idaho Soil and Water Conservation District (CON01404).....</b>	<b>21,619.50</b>	<b>(20,537.30)</b>	<b>1,082.20</b>
Blaine County (CON01405).....	50,000.00		50,000.00
Uncommitted from HB285 Year 2.....	(161,740.70)		(161,740.70)
<b>Total Committed Balance for Year 2.....</b>	<b>707,955.56</b>	<b>(104,577.13)</b>	<b>603,378.43</b>

**Flood Management Program grants - Year 3 (HB646, Sec 5, 2020)**

Lemhi Soil Conservation District - Alpine Road	18,425.30		18,425.30
Clearwater Soil & Water Conservation District - Louse Creek	24,687.00		24,687.00
City of Bellevue - Lower Howard Preserve	57,880.00		57,880.00
Twin Falls Canal Company & City of Twin Falls	51,000.00		51,000.00
Flood Control District 10 - Boise River North Channel	47,500.00		47,500.00
Flood Control District 10 - Boise River Canyon Reach 1	175,000.00		175,000.00
City of Orofino - Orofino Creek	200,000.00		200,000.00
Idaho Soil & Water Conservation District - Lower Cottonwood Creek	27,935.20		27,935.20
Idaho Soil & Water Conservation District - Sill Creek	10,960.28		10,960.28
Idaho Soil & Water Conservation District - Clear Creek	18,570.60		18,570.60
Raft River Flood Control District 15	80,525.00		80,525.00
Pioneer Irrigation District - Mason Creek	148,500.00		148,500.00
Uncommitted from HB646 Year 3.....	0.00		0.00
<b>Total Committed Balance for Year 3.....</b>	<b>860,983.38</b>	<b>0.00</b>	<b>860,983.38</b>

<b>Committed for Flood Management Grants.....</b>	<b>\$2,473,191.50</b>	<b>(\$1,006,254.69)</b>	<b>\$1,466,936.81</b>
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**Other Funding Obligations**

ESPA Settlement Water Rentals (HB 843, 2004).....	\$16,000.00		
Legislative Appropriation (HB 285, Sec 1, 2019).....	\$20,000,000.00		
Legislative Appropriation (HB 285, Sec 3, 2019).....	\$200,000.00		
Legislative Appropriation (HB 646, Sec 5, 2020).....	\$200,000.00		
<b>Committed for Other Funding Obligations.....</b>			<b>\$20,416,000.00</b>

Uncommitted Funds.....			<b>\$607,378.04</b>
<b>TOTAL COMMITTED FUNDS BALANCE.....</b>			<b>\$21,882,936.81</b>

***Bold and italicized indicates that project is completed and entity has received final payment***

# Memorandum

To: Idaho Water Resource Board

From: Cynthia Bridge Clark

Date: September 8, 2020

Re: Lemhi Basin Settlement Work Group

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Senate Concurrent Resolution 137 requests the IWRB work with water users in the Lemhi River Basin to resolve water use conflicts in the area. Clive Strong and Norm Semanko will provide an update on the efforts. The attached presentations were given to the Lemhi Basin Settlement Work Group to provide background on the legal principles applicable in the basin.

# SRBA LEMHI HIGH FLOW GENERAL PROVISION WHITE PAPER

LEMHI BASIN SETTLEMENT WORK GROUP MEETING

August 12, 2020  
(IRE 408 and 507)

# *SRBA LEMHI HIGH FLOW GENERAL PROVISION*

“The following general provision shall govern the use of ‘High Flow’ surface water for irrigation use within the Lemhi Basin:

The practice of diverting high flows in the Lemhi Basin, in addition to diverting decreed and future water rights that may be established pursuant to statutory procedures of the State of Idaho, is allowed provided:

- (a) the waters so diverted are applied to beneficial use.
- (b) existing decreed rights and future appropriations of water are first satisfied.”

\* Since interpretation of the provision rests with the Idaho Department of Water Resources and the SRBA and Idaho Supreme Court, this presentation draws no conclusions regarding how the Department, or the Courts might interpret the provision.

**In re: SRBA Case Nos. 39576, 91–00005 ex  
rel. General Provisions re: **Basin–  
Wide Issue 5**, 131 Idaho 411, 16 (1996).**

“The provision regarding excess water is not an element of a water right since excess water inherently relates to water that has not been decreed. Consequently there cannot be a prior relation to excess water. A general provision concerning excess water would not define a water right or be necessary to administer a water right and therefore is not appropriate.”

# **In re SRBA Case No. 39576—Basin— Wide Issue # 5A (General Provision # 2— Reynolds Creek) 131 Idaho 329 (1998).**

- \* “In this case, the record clearly reflects that there was testimony regarding the historical practice of using “excess water” or “high flows.” It is a system of water use which has apparently been used successfully for decades in the Reynolds Creek Basin. As we have already stated, General Provision 2 lacks the statutorily required elements and therefore does not establish the right to use excess water. However, it does describe a long-standing system of allowing those who otherwise have water rights in the Reynolds Creek Basin to use excess water when it is available.”
- \* “[T]he general provisions are binding once they become part of the decree, and the executive branch will be required to administer the water rights in conformity with the decree in this case.”

***MEMORANDUM DECISION AND ORDER ON  
CHALLENGE, SUBCASE 74-15051 ET. AL, IN RE SRBA  
CASE NO. 39576 (JANUARY 3, 2012).***

The issue in the case was whether the Lemhi water users whose rights were decreed in the Lemhi General Stream Adjudication could pursue high flow claims in the SRBA.

# *MEMORANDUM DECISION AND ORDER ON CHALLENGE, SUBCASE 74-15051 ET. AL, IN RE SRBA CASE NO. 39576 (JANUARY 3, 2012).*

- \* “[T]he Special Master determined that the *[Lemhi] Decree* recognized a lesser use, stating that it ‘describe[d] high flows as an ‘ancillary use’ of water – not a water right – tied to use on irrigated lands quantified in the *Lemhi Decree* (base rights).” *Id.* at 8.
- \* “[B]ased on the holding in ICL, which upheld the use of a high flow general provision authorizing the use of high flow water based on historical practices; the fact that the recommended general provision is consistent with a prior decree entered in a general adjudication; and the subordination of the high flow use protects water rights not subject to the prior decree, this Court holds the Special Master did not err in recommending a general provision authorizing the use of high flow water in conjunction with existing rights based on the *Lemhi Decree*. *Id.* at 26.



***MEMORANDUM DECISION AND ORDER ON  
CHALLENGE, SUBCASE 74-15051 ET. AL, IN RE SRBA  
CASE NO. 39576 (JANUARY 3, 2012).***

- \* “[I]t has already been judicially determined in a previous court proceeding that the high flow general provision is necessary for the efficient administration of water rights. Since the Lemhi Adjudication was a general adjudication those findings are binding on all water users within the basin at least as to pre-decree conditions.” *Id.* at 27.
- \* “The authorized use of high flow water is part of the efficient administration of the ‘base’ water rights in the Lemhi Basin.” *Id.* at 28.

***PROPOSED FINDINGS OF WATER RIGHTS, IN RE GENERAL DETERMINATION OF THE RIGHTS TO THE USE OF THE SURFACE WATERS AND TRIBUTARIES FROM WHATEVER SOURCE OF THE LEMHI RIVER DRAINAGE BASIN, CIVIL NO. 4948 (JANUARY 4, 1983).***

- \* “‘High water’ or ‘flood water’ as used in the Findings of Fact, Conclusions of Law, and Decree is intended to describe a natural flow of ‘water over and above the amounts required to fulfill (1) existing quantified rights as shown in the decree of water rights and (2) any future rights that may be established pursuant to statutory procedures of the State of Idaho.’” *Id.* at 3, definition n.
- \* “Water has been diverted and applied to a beneficial use as described in the recommended decree of water rights. In addition, the water users in the Lemhi River Basin have historically diverted the so called ‘high water or flood water’ generally during the months of May and June.” *Id.* at 4, Proposed Finding 14.

***ORDER ON MOTIONS FOR SUMMARY JUDGMENT, SUBCASE  
NOS. 74-15051 ET AL., IN RE SRBA CASE NO. 39576  
(DECEMBER 23, 2010).***

1. “Judge Beebe’s order allowing the use of high flows is elegant in its simplicity and recognized a historical beneficial use of surface water to continue unchanged. To paraphrase the Judge’s finding of fact, diversions of high flow surface water for irrigation within the Basin (generally during the months of May and June) has the effect of augmenting or supplementing stream and river flows during the later portion of the irrigation season.” *Id.* at 12.
- \* “In other words, the *Lemhi Decree* established certain irrigation water rights and then, by general provision, allowed an ancillary use of water on the same lands.” *Id.*



# CONCLUSION

# APPROPRIATION AND ADMINISTRATION OF LEMHI BASIN HIGH FLOWS: OVERVIEW OF LEGAL PRINCIPLES

LEMHI BASIN SETTLEMENT WORK GROUP MEETING

August 12, 2020  
(IRE 408 and 507)

# BINDING (JUDICIAL AND STATUTORY) PRECEDENT RELATED TO APPROPRIATION AND ADMINISTRATION OF LEMHI HIGH FLOW

- \* ***Wild and Scenic Rivers Stipulation*** (Sept. 3, 2003).
- \* **Basin 74 General Provision** (Jan. 23, 2006).
- \* **Memorandum Decision and Order on Challenge**, Subcase Nos. 74-15051, In re SRBA Case No. 39576 (Jan. 3, 2012).
- \* **Idaho Code 42-203A(5).**

# IDWR

## LEMHI PRECEDENTIAL ORDERS

- \* In the Matter of Application for Permit to Appropriate Water, Permit No. 74-15613 in the Name of F. James and Paula J. Whittaker (May 10, 2011).*
- \* Final Order Approving in Part and Rejecting in Part Application for Permit, In Matter of Application for Permit No. 74-16004 in the Name of Allan and/or Betty Purcell (December 31, 2015).*
- \* Final Order Issuing Permit, In the Matter of Application for Permit No. 74-16008 in the Name of Lynn Herbst and Robin Herbst (November 22, 2016).*

# PRECEDENT

- \* “A decided case that furnishes a basis for determining later cases involving similar facts and issues.” Black’s Law Dictionary (8<sup>th</sup> Ed. 2004).
- \* *Final Order Issuing Permit, In the Matter of Application for Permit No. 74-16008 in the Name of Lynn Herbst and Robin Herbst* (November 22, 2016) distinguishing *Final Order Approving in Part and Rejecting in Part Application for Permit, In the Matter of Application for Permit No. 74-16004 in the Name of Allan and/or Betty Purcell* at 5 (December 31, 2015).



# IDWR Order That Is Not Final (On Appeal)

- \* *In the Matter of Application for Permit No. 74-16187 in the Name of Kurt W. Bird or Janet E. Bird* (May 21, 2020).

# Binding Legal Principles

1. High flows are unappropriated flows.
2. Lemhi Decree findings are binding on all water users in the basin.
3. High flows are subordinate to existing and future water rights.
4. High flow general provision does not create a water right.
5. Partial Decree 74- 14993 is subordinated to the high flow general provision.
6. Twenty-seven tributaries to the Lemhi River are decreed as separate streams for purpose of administration.
7. Separate stream administration general provision does not apply to Wild and Scenic reserved water rights.
8. High flows in excess of amount required to satisfy Wild and Scenic reserved water rights are subject to appropriation.
9. Partial Decrees 75-13316 and 77-11941 are subordinated to a specified amount of future development.
10. Minimum Stream Flow Water Rights are established pursuant to Chapter 15, Title 42, Idaho Code.

# Precedential Principles from Whittaker Order

- \* It is not in the local public interest to allow a new appropriation that will result in further dewatering of a stream that would frustrate reconnection efforts.
- \* It is in the public interest to allow diversion of water during high flow periods when sufficient water is flowing to satisfy the passage requirement of adult anadromous fish.

# Precedential Principles from Purcell Order

- \* **Application seeking an unsubordinated right to appropriate high flow is not consistent with the conservation of water resources.**

# Precedential Principles from Herbst Order

- \* It is consistent with the local public interest to allow water reserved for future appropriation in the Wild and Scenic Decree to be appropriated for irrigation use to supplement an existing water supply when the existing water supply is curtailed and would otherwise require acres to be dried up.
- \* A supplemental water right may not be used to irrigate acres not previously irrigated.
- \* A supplemental water right is limited to a maximum diversion rate of 0.02 cfs per acre.
- \* Applications for a supplemental water right for existing irrigated acres are entitled to enjoy the benefits of the Section 10.b.6 subordination provisions of partial decrees 75-13316 and 77-11941 subject to certain conditions.
- \* Supplemental water rights count against the subordination cap of partial decrees 75-13316 and 77-11941.

# Principles in Bird Order (on appeal)

- \* The USBR PHABSIM Study is reliable, convincing scientific evidence establishing flow rates necessary to maintain anadromous fishery values.
- \* Bypass flows are reasonable conditions for protecting the local public interest.
- \* Bypass flows must be supported by technical evidence.
- \* Bypass flow conditions only affect the proposed water right and are not the equivalent of minimum flow water rights.
- \* The Department has a duty to allocate the subordination protection in partial decrees 75-13316 and 77-11941 in a manner that optimizes the value of the available water supply.
- \* It is in the local public interest to reconnect Big Timber Creek to the Lemhi River and to recover fish species listed under the Endangered Species Act .

# Unresolved Legal Questions

- \* **Who is entitled to divert high flows, and when and where may high flows be diverted?**
- \* **Does IDWR have authority to impose a bypass flow condition as part of approval of a water right?**



# CONCLUSION





# United States Department of the Interior

## BUREAU OF RECLAMATION

Snake River Area Office

230 Collins Road

Boise, ID 83702-4520

September 8, 2020



IN REPLY REFER TO:

SRA-1308

2.2.4.21

VIA ELECTRONIC MAIL ONLY

Mr. Roger Chase  
Chairman  
Idaho Water Resource Board  
322 East Front Street  
Boise, ID 83702

Ms. Melanie Paquin  
Area Manager  
Snake River Area Office  
230 Collins Road  
Boise, ID 83702

Subject: Boise River Basin Feasibility Study Status Update, Boise Project, Idaho

Dear Mr. Chase and Ms. Paquin:

This status update is being sent in preparation for the Idaho Water Resource Board (IWRB) meeting on September 17, 2020.

The IWRB and the Bureau of Reclamation have partnered to complete a feasibility study of new surface water storage options on the Boise River (Study). The Study initially included an evaluation of small raises of the three large dams on the Boise River system: Anderson Ranch, Arrowrock and Lucky Peak Dams, and is now focused on Anderson Ranch Dam.

### **Current Status**

Recent project activities include:

- July 24, 2020 – Reclamation submitted Biological Assessment to U.S. Fish and Wildlife Service.
- July 24, 2020 – Reclamation filed the Draft Environmental Impact Statement (DEIS) with U.S. Environmental Protection Agency.
- July 31, 2020 – Reclamation released the DEIS, accompanied by the Draft Feasibility Report, for a 45-day public comment period on the DEIS.
- August 26, 2020 – Reclamation hosted a live teleconference for the public to have an opportunity to hear from Reclamation and its partners about the DEIS and accept verbal comments for the record.

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INTERIOR REGION 9 • COLUMBIA-PACIFIC NORTHWEST

IDAHO, MONTANA\*, OREGON\*, WASHINGTON

\* PARTIAL

- August 19, 2020 – Reclamation transmitted the Draft Feasibility Report to U.S. Office of Management and Budget.

Ongoing project activities include:

- Reclamation and IWRB are initiating a project sub-team to plan water right and water contracting processes.

Upcoming project activities include:

### **Key Milestones**

Nov. 2017–Jan. 2019	Reclamation completed initial screening of the three potential dam raise alternatives and developed a project management plan.
July 27, 2018	IWRB passed a resolution supporting the narrowed focus of the Study to a raise at Anderson Ranch Dam.
August 28, 2018	Reclamation and IWRB hosted a Legislative Infrastructure Tour to discuss large water infrastructure projects in Idaho with representatives from Idaho’s Congressional delegation.
November 8, 2018	Reclamation and IWRB hosted an informational public open house on the Study in Boise, Idaho.
December 3–7, 2018	Reclamation conducted a Value Planning Study with a final Accountability Report received in February 2019.
December 25, 2018	Reclamation awarded an Indefinite Delivery/Indefinite Quality contract for architect and engineering services to Sundance-EA Joint Venture (Consultant) to complete the Study and environmental compliance activities.
April 30, 2019	Consultant submitted land, structure, infrastructure, and real estate impact assessment (Rim Analysis) for Anderson Ranch Reservoir.
June 7, 2019	IWRB filed a water right permit application for the potential additional storage (Water Right No. 63-34753).
June 19, 2019	Reclamation’s Technical Service Center completed feasibility-level design and cost estimates completed for Anderson Ranch Dam raise.
August 9, 2019	Reclamation published the Notice of Intent for an EIS in the Federal Register.
August 27–29, 2019	Reclamation conducted Public Scoping Open Houses in Pine, Boise, and Mountain Home, Idaho.
February 3–7, 2020	Reclamation completed the Design, Estimate, and Construction review of the feasibility-level designs.
April 6–10, 2020	Reclamation completed the Peer Review of the Water Operations Technical Memorandum.
July 31, 2020	Reclamation released the DEIS and Draft Feasibility Report.

Key Critical Path Milestones

October 2020	Submit Final Feasibility Report for feasibility determination
December 2020	Department of the Interior review and approval of the recommended plan
February 2021	Release Final EIS
May 2021	Issue Record of Decision

Thank you for this opportunity to provide an update on the Boise River Basin Feasibility Study Project. If you have any questions, please contact me at 208-383-2236 or via email at [callianneharris@usbr.gov](mailto:callianneharris@usbr.gov).

Sincerely,

Callianne Harris  
Project Manager



# IDAHO WATER RESOURCE BOARD

**Brad Little**  
*Governor*

September 14, 2020

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

Ms. Selena Moore  
Project Manager  
Bureau of Reclamation  
Snake River Area Office  
230 Collins Road  
Boise ID 83702-4520

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

## **RE: Idaho Water Resource Board's Comments on the Boise River Basin Feasibility Study Draft Environmental Impact Statement**

**Vince Alberdi**  
*Secretary*  
Kimberly  
At Large

Dear Ms. Moore:

**Peter Van Der Meulen**  
Hailey  
At Large

The Idaho Water Resource Board ("IWRB") submits the following comments on the United States' Department of Interior, Bureau of Reclamation's ("USBR") Boise River Basin Feasibility Study Draft Environmental Impact Statement ("DEIS").

**Albert Barker**  
Boise  
District 2

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

The IWRB is a Governor-appointed board that is authorized to, among other things, formulate a state water plan, investigate and promote water resource projects deemed to be in the public interest, and cooperate and enter into contracts with the federal government for water studies, planning, and research activities. *See* Idaho Const. Art. XV, sec. 7; I.C. §§ 42-1731–42-1780. Under these authorities, the IWRB executed resolutions and memorandums of agreement authorizing the expenditure of funds for the 50 percent non-federal cost share toward studies assessing the potential for new surface water storage in the Boise River Basin, with an ultimate focus on studying a raise of Anderson Ranch Dam. IWRB Resolution October 2017, IWRB Resolution July 2018, Memorandum of Agreement No. R18MR11717, IWRB Resolution May 2020, P.L. 111-11. The intent of the study was to determine feasibility of a potential raise of Anderson Ranch Dam in accordance with the conditions of Section 4007 of the Water Infrastructure Improvements for the Nation Act ("WIIN Act"). P.L. 114-322.

**Dale Van Stone**  
Hope  
District 1

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

The IWRB has been authorized by the Idaho legislature to ensure that the Feasibility Report and National Environmental Policy Act ("NEPA") analysis for the Anderson Ranch Dam raise are completed within the necessary WIIN

Act timeframes and to advance the project through additional congressional action to authorize construction and provide further WIIN Act funds. Idaho Legislature H.J.M 4 (2019). The Idaho legislature has set aside \$20 million which may, as determined by the IWRB, be used for the Anderson Ranch Dam raise, the Mountain Home Air Force Base water delivery and treatment system, and/or enlargement of other new or existing surface storage owned and operated by the USBR or United State Army Corp of Engineers. Idaho Legislature H.B. 285 (2019). In selecting a project(s) for funding, the IWRB “must consider and protect existing water rights and consider the effect of such projects on other water uses, such as water quality, fish and wildlife, recreation, and hydropower, that provide economic value, stability and other benefits to the citizens of the state.” H.B. 285.

In accordance with Idaho State Water Plan Policy 1L, and the above referenced authorities, the IWRB supports the creation of new surface water storage in Idaho and supports the efforts made by the USBR to fully assess the feasibility of the Anderson Ranch Dam raise project. The Draft Feasibility Report: Boise River Basin Feasibility Study “evaluates increasing storage opportunity within the Boise River basin and provides the basis for making recommendations to Congress about whether a proposed project should be authorized for construction and includes an assessment of the environmental impacts as required by . . . NEPA. The DEIS is a part of that process and evaluates raising Anderson Ranch Dam as a proposed action.” DEIS pg. ES-1. The DEIS, in conjunction with the Draft Feasibility Report, provides essential data and information necessary for the IWRB to determine whether the considerations for additional expenditure of funds set forth in HB 285 have been met. Because the DEIS is a companion document to the Draft Feasibility Report the IWRB believes it is appropriate that its comments encompass both documents.

#### **1. Reduction in Storage Allocation to Existing Anderson Ranch Storage Contract Holders During Construction.**

The DEIS states: “The alternative would likely affect the ability to store and deliver water according to existing Anderson Ranch contracts due to the reservoir restriction to 4,174 feet required for 42 months during construction.” DEIS pg. 38. The “maximum volume of shortfall per year under the restriction was calculated as the full-pool volume at Anderson Ranch Reservoir minus the restricted-pool volume, resulting in a maximum shortfall of approximately 97,000 acre-feet per year for each year of construction.” DEIS pg. 53. The DEIS recognizes that construction of the 6-foot dam raise will adversely impact existing spacholders and suggests that “Reclamation and IWRB are developing approaches to address any associated impact to existing spaceholders, including rentals from the water bank or other pre-negotiated financial arrangements.” DEIS pg. 38.

The IWRB facilitates the lease and rental of stored water in the Basin 63 Rental Pool through a local committee, the Advisory Committee for Water District No. 63. The IWRB comments that Reclamation has not engaged the IWRB or the Basin 63 rental pool committee in formal discussion or analysis regarding the feasibility of using the rental pool to cover the shortfalls outlined in the DEIS. While the rental pool may be able to cover some of the 97,000 acre-feet shortfall, it is unlikely to cover it in its entirety. Therefore, some combination of rental pool water and direct compensation would likely be necessary. The IWRB recognizes the critical importance of mitigating for impacts to existing spaceholders during construction. The IWRB is committed to working with USBR to determine the most appropriate mitigation or combinations of mitigation. As further noted below, the cost of these mitigation measures for adverse impacts to existing spaceholders is not set forth in the Draft Feasibility Report. As Reclamation’s partner in the Feasibility Report, the IWRB needs to fully understand the costs associated with all mitigation measures outlined in the DEIS.



## **2. Water Right Application 63-34753**

The IWRB filed Water Right Application 63-34753 seeking a water right for the increased reservoir storage capacity that would be created in Anderson Ranch Reservoir under the proposed 6-foot raise. For purposes of its water availability and fill probability analysis, the DEIS makes several assumptions regarding when Water Right Application 63-34753 would be in priority. The right was assumed to be in priority only when there is: “1. a minimum of 800 cfs below Anderson Ranch Dam, 2. there is a minimum of 240 cfs below New York Canal June 16 through February 29, 3. there is a minimum of 1,100 cfs below New York Canal March 1, through March 31, 4. and the system is making releases for FRM [flood risk management].” DEIS pg. 57.

The IWRB comments that these assumptions were developed by the USBR for the purpose of analyzing the percentage of time the new space created by the 6-foot dam raise might fill. The IWRB comments that these assumptions should not be construed as determinative of the ultimate priority administration of any permit issued for Water Right Application 63-34753. The state administrative process for the water right is ongoing and no final decision has been made regarding whether the assumptions listed in the DEIS will or will not be included in any water right permit issued for the 6-foot dam raise.

The DEIS states: “It is anticipated that the [Idaho Water Resource] Board will transfer the [water right] permit to Reclamation if the agency issues a Final EIS and Record of Decision confirming its plans to undertake a dam raise.” DEIS pg. 38. The IWRB comments that the IWRB is the current owner of Water Right Application 63-34753 and that no decision to transfer ownership of the water right to the USBR has been made.

The DEIS states: “Finally, a water right would be obtained from IDWR and water contracts would be issued for delivery of the additional water made available by the dam raise in some years. Potential spaceholders include existing Reclamation contractors and IWRB, which could in turn contract water to existing Water District 63 water users and/or may offer water through the Idaho Water Supply Bank’s Water District 63 rental pool—a water exchange market operation by IDWR.” DEIS pg. 19, *see also* pg. 38 (“According to the water rights application, this new storage space will be utilized by existing water users after entering into contracts with Reclamation or the State of Idaho for existing places of use within Ada, Canyon, and Elmore Counties.”).

The IWRB comments that the assumption that the water made available by the dam raise would be used by “existing” Basin 63 water users was made by the USBR for purposes of its analysis in the Draft Feasibility Report and DEIS. Water Right Application 63-34753 does not limit end beneficial users of the water to “existing” water users. Application 63-34753 specifically states that it is anticipated the water could be used for “new uses.” Water Right Application 63-34753 pg. 2, #10 (“This storage water may be used for any purpose authorized by existing water rights and to provide a supply for new uses.”). The state administrative process for the water right is ongoing and no final decision has been made regarding the content of water right permit 63-34573. The IWRB also notes that it, not IDWR, operates the Water District 63 rental pool through a local rental pool committee. I.C. § 42-1765, IDAPA 37.02.03.040, IWRB Resolution May 2019.

## **3. Contracting Options**

The DEIS states there are two contracting options for the new reservoir space created by the 6-foot dam raise. Option A: “Reclamation would enter into a single agreement with IWRB pursuant to WIIN Section 4007 covering construction, use of water, and operations and maintenance for the additional water supply. IWRB would subsequently enter into contract(s) with Water District 63 water users

and/or offer water through the Idaho water supply bank's Water District 63 rental pool." DEIS pg. 39: Option B would be the "same as Option A except, in addition to IWRB agreement, Reclamation would enter into agreements directly with existing Reclamation contractors." DEIS pg. 39.

The IWRB comments that discussions regarding contracting of the new reservoir space are ongoing and will be the subject of extensive public involvement. The IWRB further comments that willingness to pay prices and cost allocation percentages set forth in the Draft Feasibility Report are the result of USBR's analysis of the cost-benefit ratio of the proposed 6-foot dam raise, but may not be reflective of actual contract pricing, which has yet to be determined.

#### **4. Cost of Mitigation**

The DEIS sets forth extensive mitigation proposals for the preferred alternative of the 6-foot dam raise. The Draft Feasibility Report assigns costs to some of the mitigation proposed by the DEIS including those for roadways, the Pine Airstrip, bridges, culverts, recreation facilities, and power utility infrastructure. See Draft Feasibility Report pg. 5-3, Table 6. However, much of the mitigation contemplated by the DEIS is not itemized in the initial cost allocation. The Draft Feasibility Report does not appear to outline costs for, at a minimum, the following mitigation measures: mitigation for adverse impacts to existing spaceholders, as yet undetermined mitigation for potential impacts to anadromous salmonids that may result from consultation with NOAA, as yet undetermined additional mitigation for bull trout that may result from consultation with USFWS, wetland mitigation, vegetation mitigation, Greater sage-grouse mitigation, Columbia Spotted Frog mitigation, Spotted Bat mitigation, Eagle Act and Migratory Bird Act mitigation, mitigation for Anderson Ranch Dam as a historic structure, mitigation for increased emergency response times, and mitigation for the Fall Creek Resort and Marina.

As Reclamation's partner in the Draft Feasibility Report, the IWRB needs to fully understand the costs associated with all of the mitigation measures outlined in the DEIS. The IWRB comments that if the cost of these mitigation measures was included in the Draft Feasibility Report additional itemization or explanation is necessary to make the incorporation of those costs into the \$91 million present value total cost for the 6-foot raise clear in the Draft Feasibility Report. Equally, if the costs of these mitigation measures was not included in the \$91 million present value total cost for the 6-foot dam raise that information should also be made clear.

Sincerely,

Roger Chase  
*Chairman*





— BUREAU OF —  
RECLAMATION

# Boise River Basin Feasibility Study

Idaho Water Resource Board, Board Meeting No. 9-20  
September 17, 2020

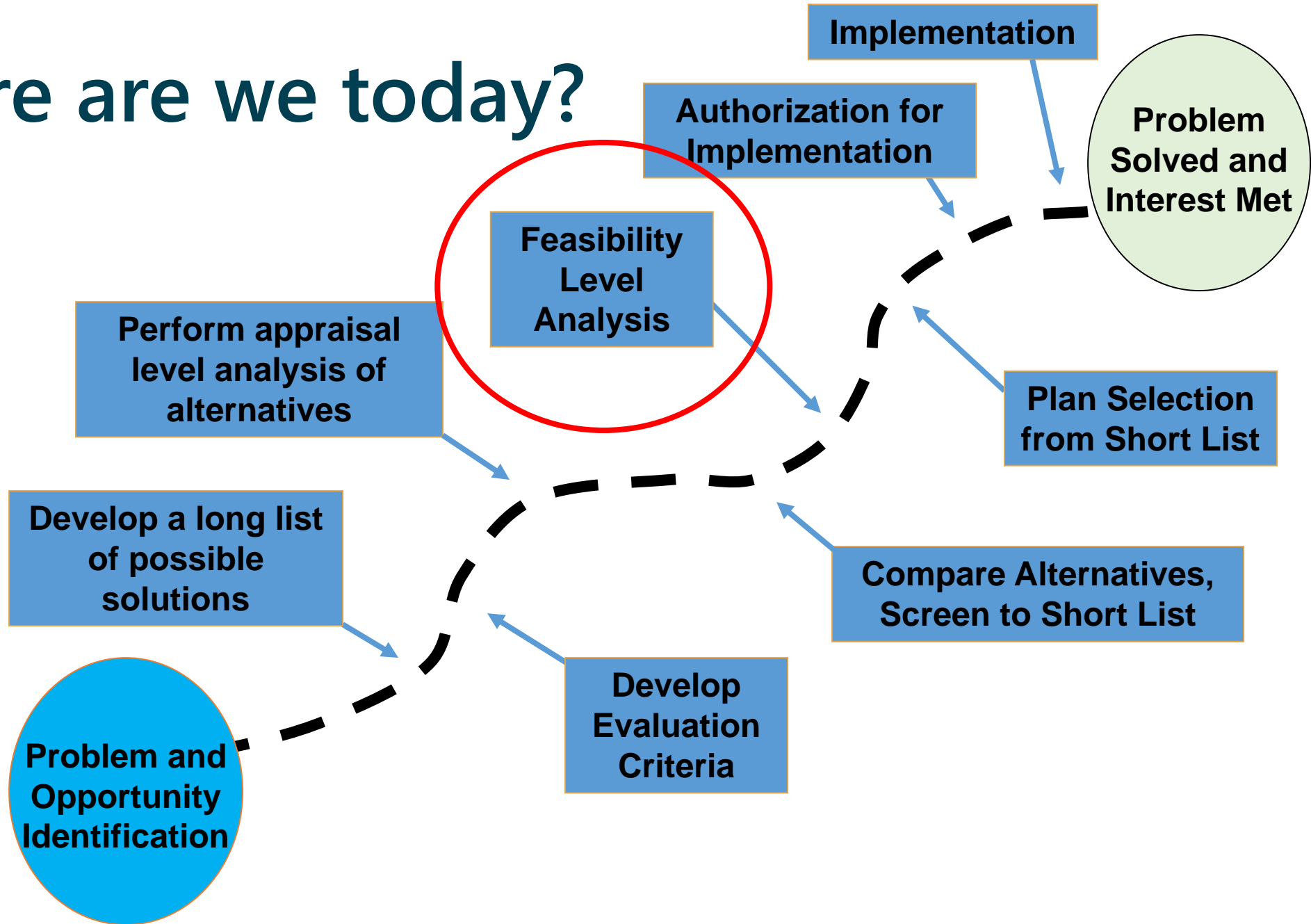


# Agenda

- Where are we today?
- Project Overview
- Draft Environmental Impact Statement (EIS)
- Draft Feasibility Report Overview



# Where are we today?



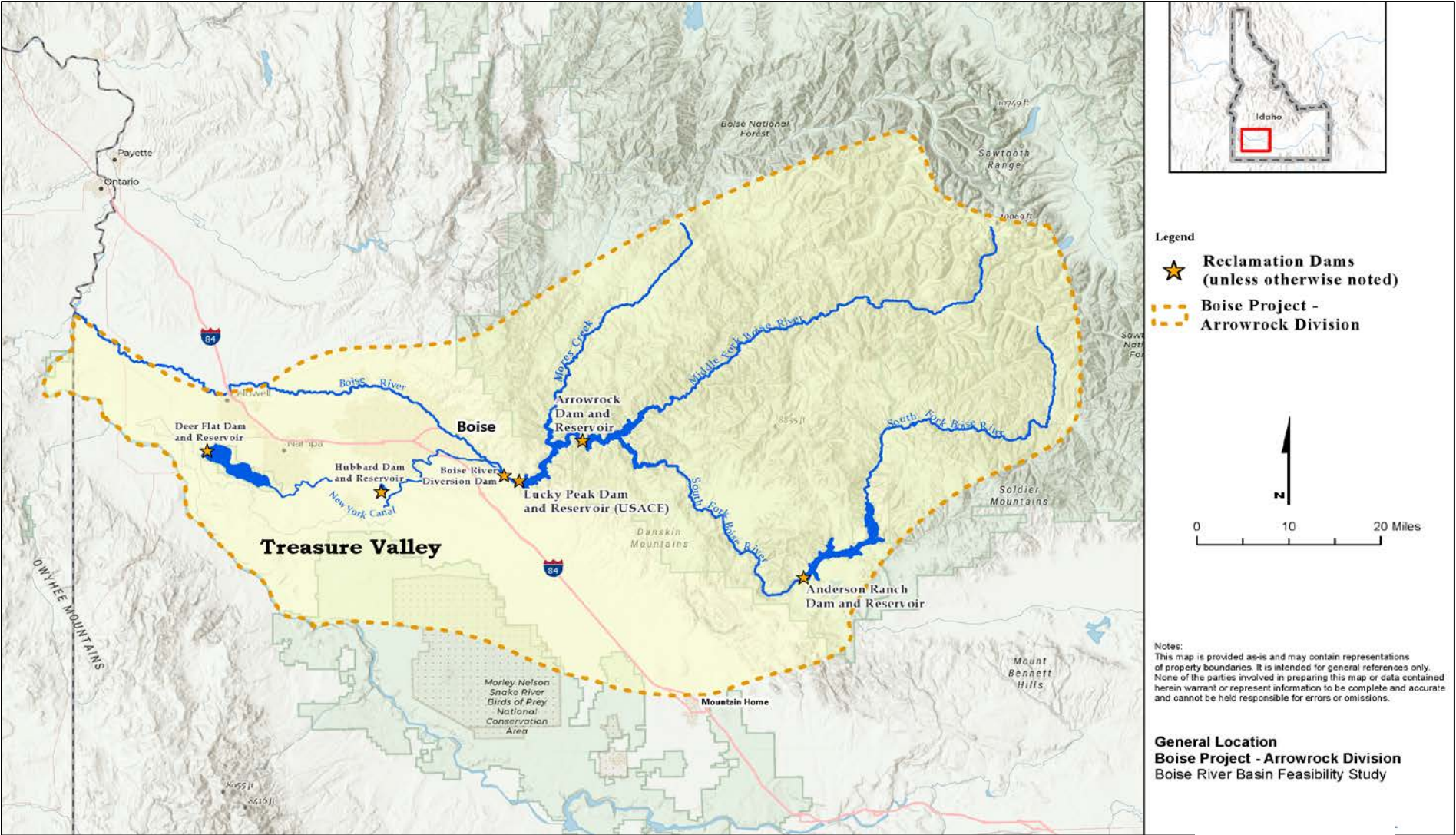
# Anderson Ranch Dam

- Located on South Fork Boise River in Elmore County, Idaho
- Authorized purposes: water supply, flood control, power, fish and wildlife, and recreation
- Active storage capacity ~413,000 acre-feet
- Full pool elevation 4196.0
- Structural height 456 feet; hydraulic height 330 feet
- 40 megawatt powerplant

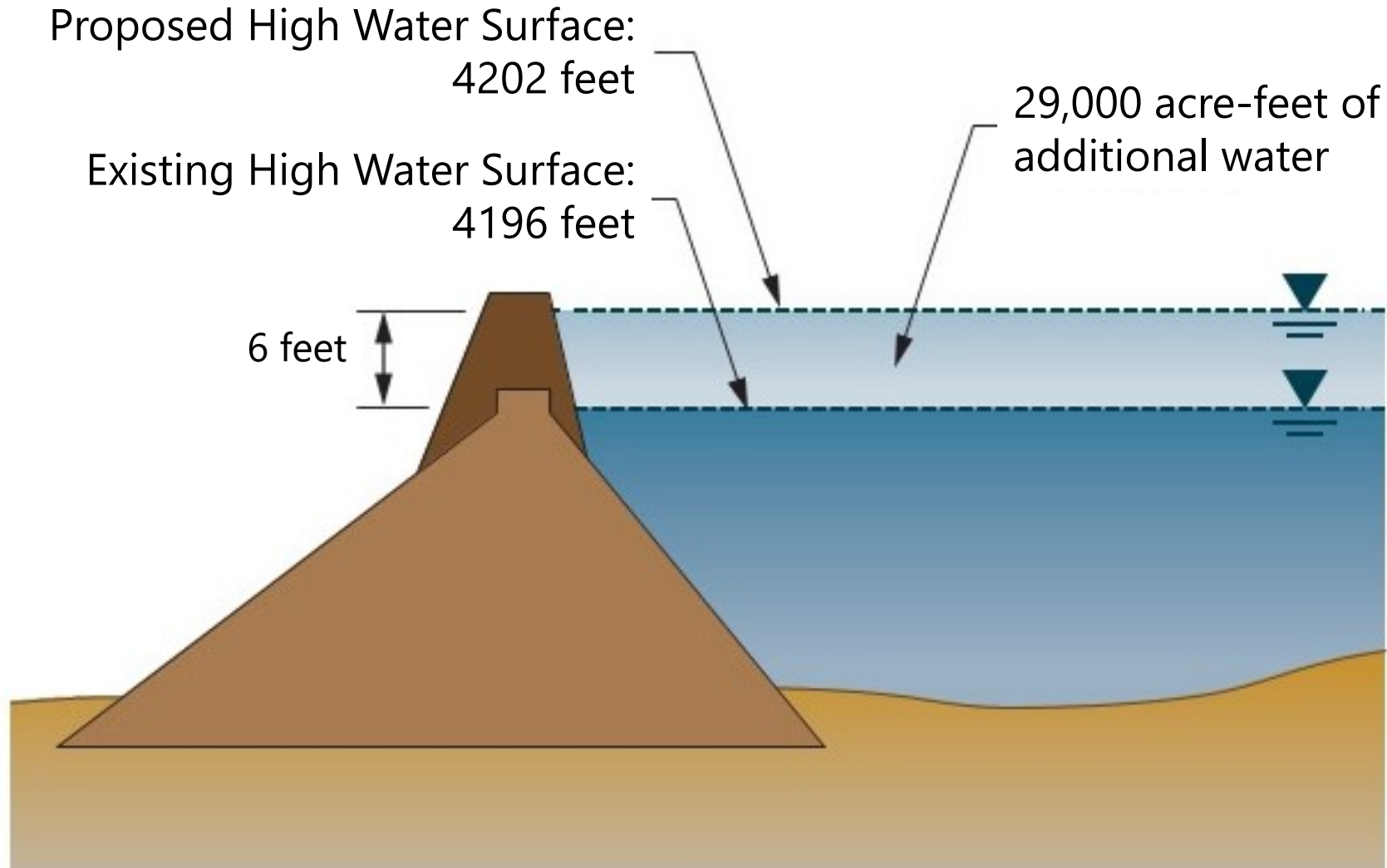




# Location Map



# Proposed Plan – 6-foot Dam Raise



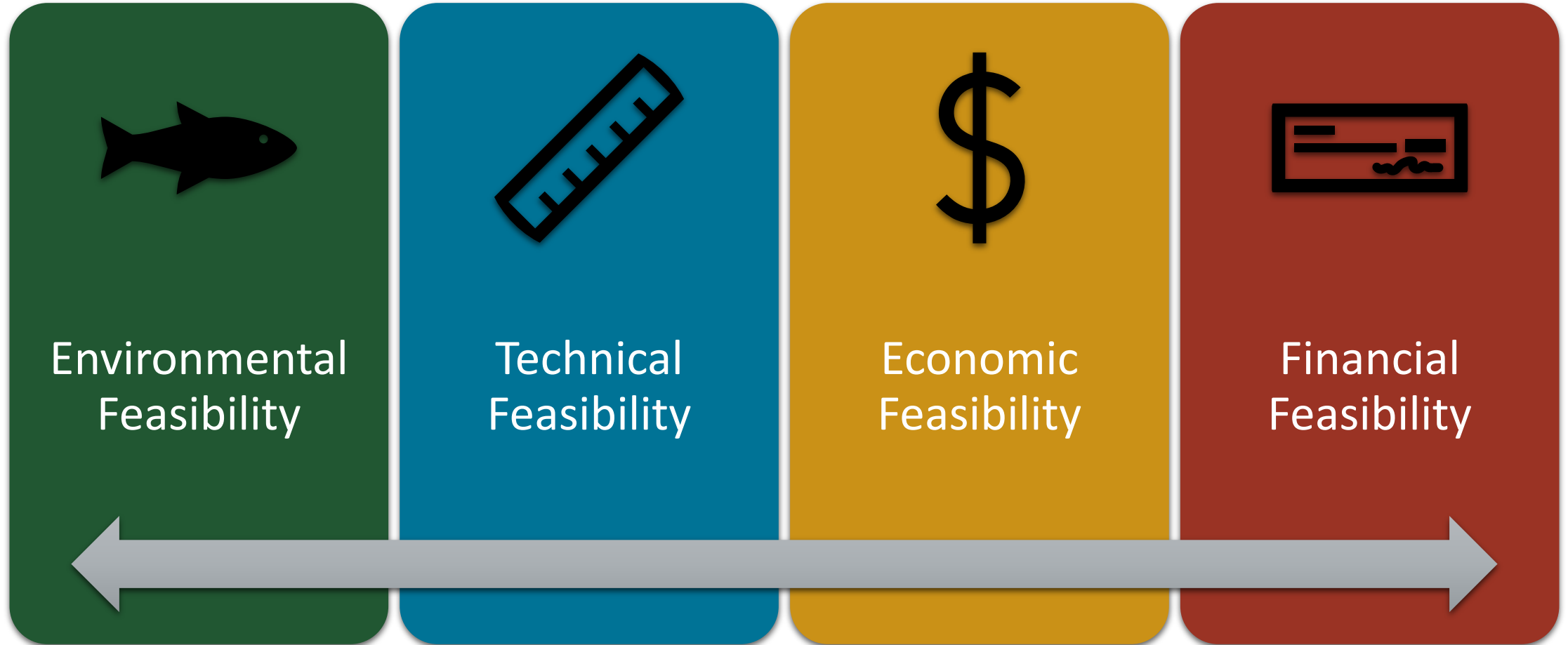
# Proposed Plan

**Raise Anderson Ranch Dam to capture and store additional water in a partnership with the Idaho Water Resource Board (IWRB)**

- Potential spaceholders - Reclamation contractors and IWRB
- IWRB would contract space to existing Water District 63 water users and/or offer water through the Idaho water supply bank
- Dam modifications
  - Demolish and construct new spillway and crest structure
  - Remove, rehabilitate, and re-install existing radial gates
  - Restore two-lane road across the dam crest
  - Widen right abutment to improve turning radius for traffic
- Reservoir perimeter modifications
  - Modify recreation sites and roadway sections
  - Realign unpaved airstrip and a portion of the detour route (dam crest closed during construction)



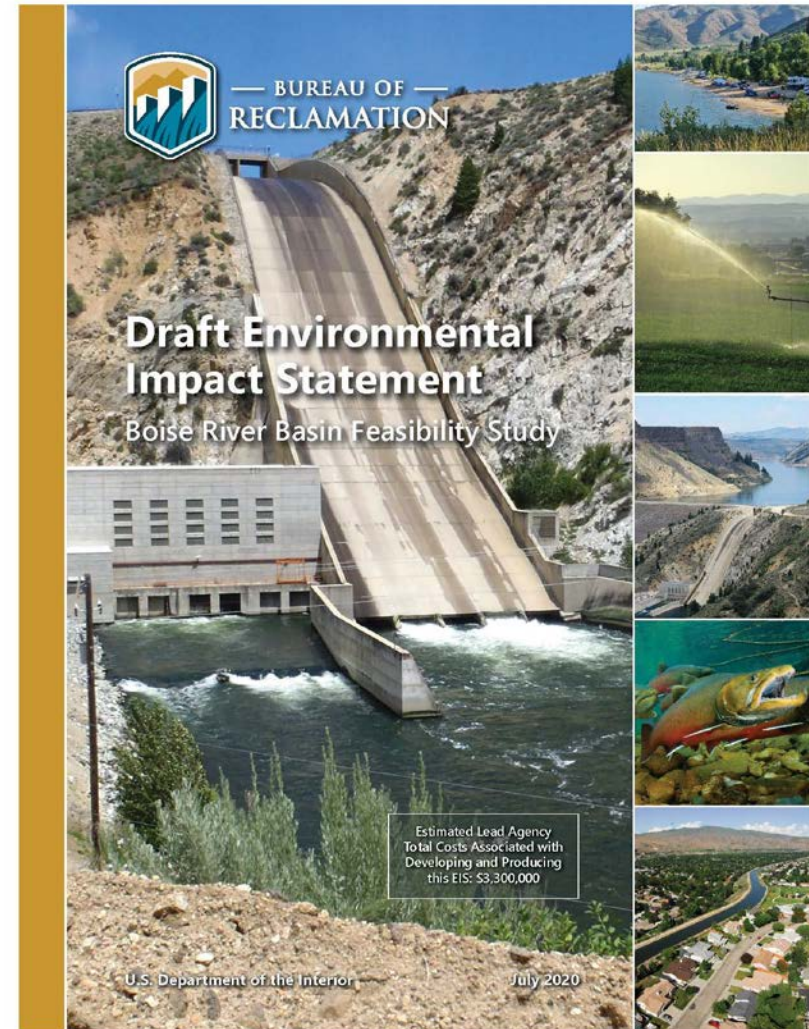
# Four 'Pillars' Evaluated in a Feasibility Study





# NEPA – Draft Environmental Impact Statement

- Proposed Federal Action
- Purpose and Need
  - To address water storage capacity requirements in the Boise River Basin
  - To replace existing water storage currently provided by snowpack and expand options to store water to meet existing uses
  - To increase water supply reliability



# NEPA Overview of Alternatives

Alt A: No Action	Alt B: 6-ft Dam Raise (Preferred)	Alt C: 3-ft Dam Raise
<ul style="list-style-type: none"> <li>• Max storage 413 kaf</li> <li>• One-lane road over dam</li> <li>• No change from current management</li> <li>• Water deliveries consistent with past</li> </ul>	<ul style="list-style-type: none"> <li>• Additional storage of 29 kaf</li> <li>• Two-lane road over dam</li> <li>• 2.9 kaf reserved for fish and wildlife</li> <li>• 146 acres new inundation</li> <li>• Close dam crest road for 45 months and partially realign detour route</li> <li>• Relocate recreation facilities</li> <li>• Raise Pine Bridge superstructure or obtain variance</li> <li>• Retrofit two culverts on reservoir tributaries for fish passage</li> </ul>	<ul style="list-style-type: none"> <li>• Additional storage of 14.4 kaf</li> <li>• Two-lane road over dam</li> <li>• 1.4 kaf reserved for fish and wildlife</li> <li>• 73 acres new inundation</li> <li>• Close dam crest road closed for 38 months and partially realign detour route</li> <li>• Relocate recreation facilities</li> <li>• Retrofit two culverts on reservoir tributaries for fish passage</li> </ul>





# Affected Environment, Environmental Consequences and Environmental Commitments

- Water Operations and Hydrology
- Geology and Soils
- Water Resources
- Floodplains
- Wetlands
- Vegetation
- Fisheries
- Wildlife
- Transportation
- Socioeconomics
- Hazardous and Toxic Materials
- Environmental Justice
- Threatened and Endangered Species
- Aesthetics
- Air Quality
- Climate Variability
- Noise
- Land Use
- Recreation
- Water Rights
- Safety
- Cultural Resources
- Tribal Interests



# NEPA Process and Schedule

## **NEPA Notice of Intent**

- ✓ Published in the Federal Register on August 9, 2019

## **Environmental Impact Statement Scoping**

- ✓ Open house meetings held on August 27-29, 2019
- ✓ Public comments were due on September 9, 2019

## **Draft Environmental Impact Statement**

- ✓ Public release on July 31, 2020
- ✓ Public comments were due on September 14, 2020

## **Final Environmental Impact Statement**

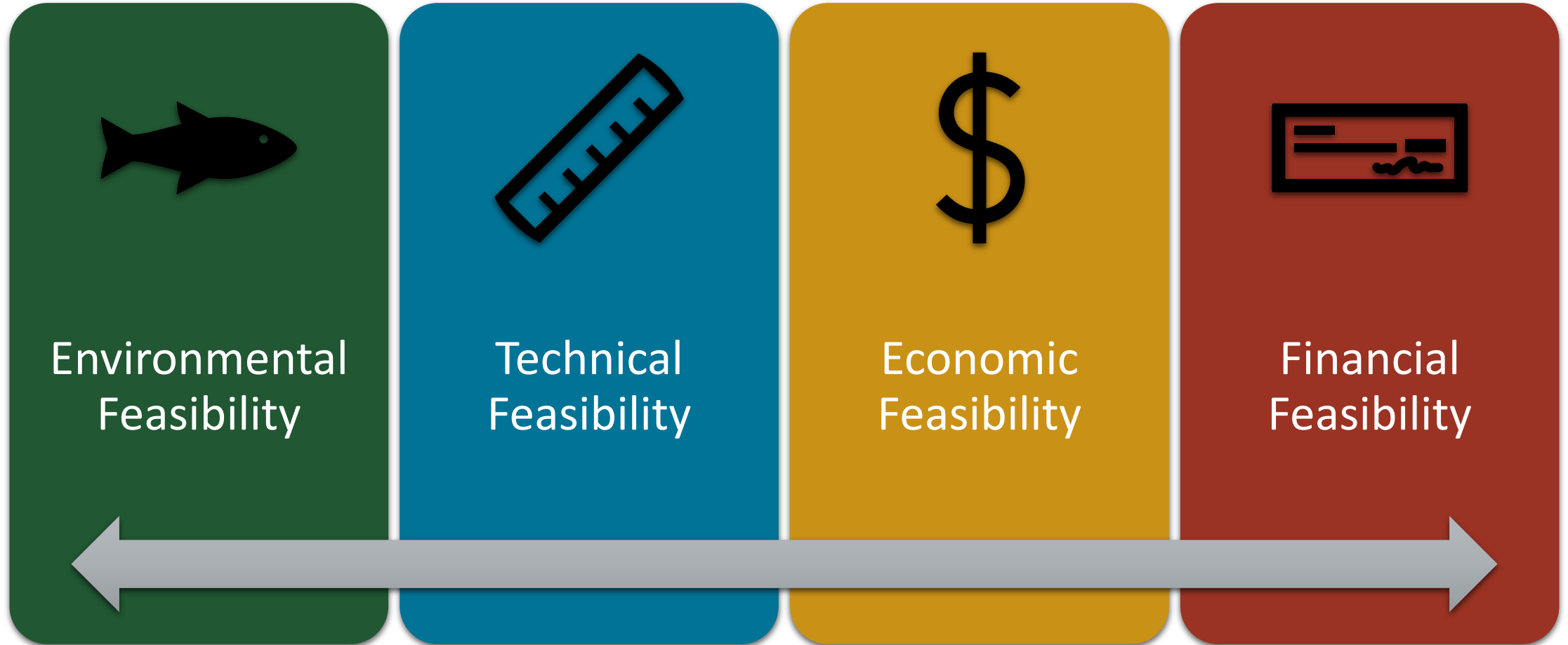
- ☐ Public release February 2021

## **Record of Decision**

- ☐ May 2021



# Four 'Pillars' Evaluated in a Feasibility Study



# Feasibility Study – Problems and Needs

- Problems Identified
  - Increasing Water Demand
  - Climate Variability
  - Environmental Flows
- Needs
  - Challenge to meet existing water contract obligations and increased water supply demand
  - Need to identify, investigate, recommend and implement a plan for increased storage





# Feasibility Study – Opportunities

- Federal Authority and Funding
  - Omnibus Public Land Management Act of 2009 (PL 111-11)
  - Water Infrastructure Improvements for the Nation Act (WIIN Act) (PL 114-322)
- State Legislative Actions
  - House Joint Memorials
  - Idaho House Bill 285
- IWRB cost-share partnership



# Planning Objectives

- Primary planning objectives
  - Increase storage capacity in the Boise River Basin to help meet existing and future demand.
  - Enhance fish and wildlife environment within the Boise River basin or downstream.
- Secondary planning objective
  - Reduce flood risks within the Boise River Basin.



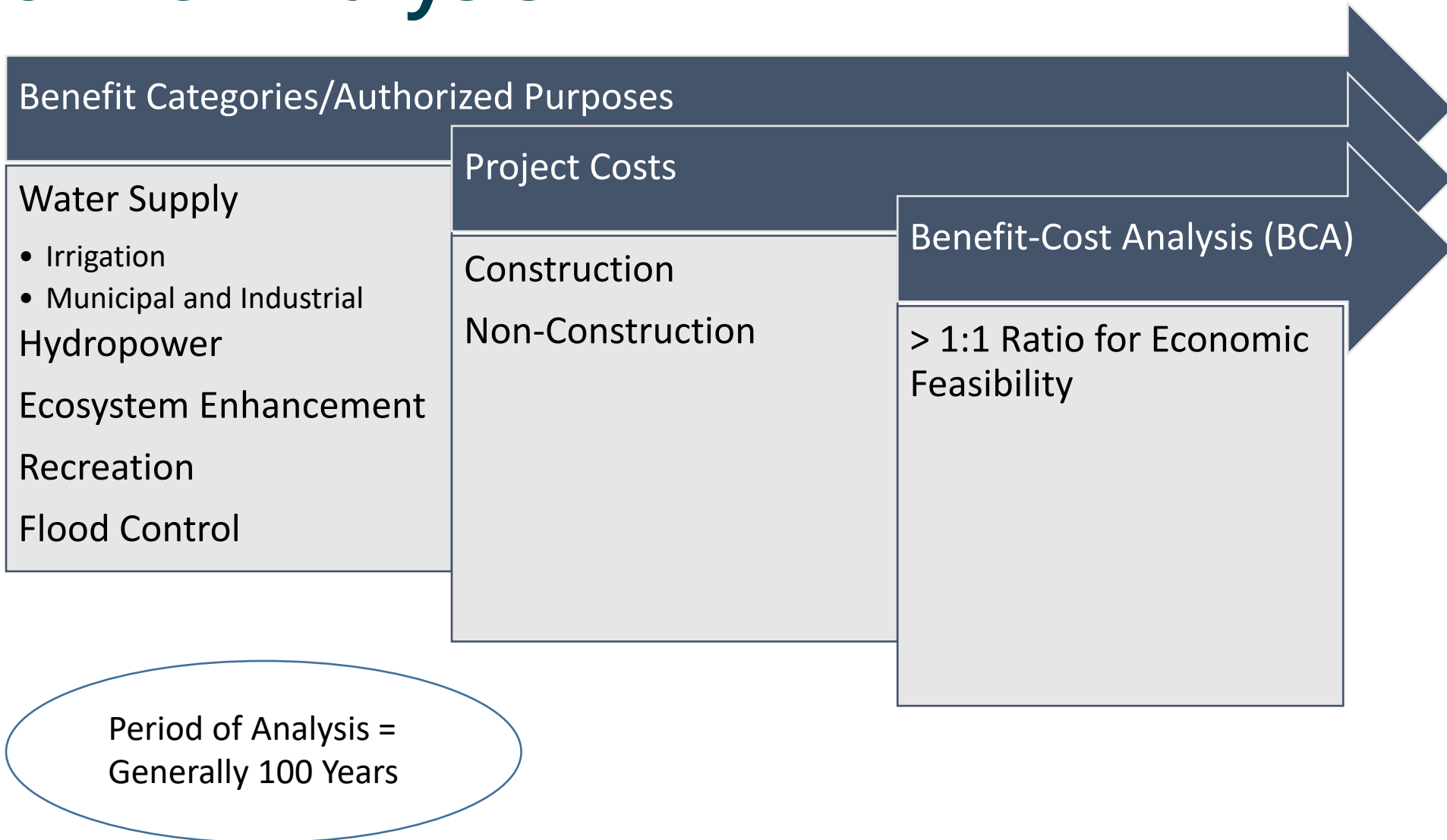


# Feasibility Alternatives and Analysis

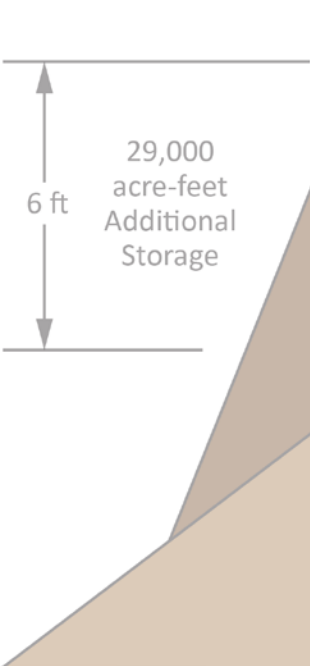
- Without plan (no additional Federal action)
- Proposed plan (Anderson Ranch Dam 6-foot raise)









# Economic Analysis



# Summary of Economic Feasibility



	Project Purpose	Allocation of Space	Average Annual Yield Based on Complete Refill Probability of 38% (acre-feet)	Economic Valuation Approach and Methodology	Present Value Economic Benefits (2025 US Dollars)	
	Flood Control	–	–	Not Quantified	–	FEDERAL
	Hydropower	–	–	Market Price	\$3,799,000	
	Recreation	–	–	Benefit-Transfer: Recreation Use Value	\$5,524,000	
	Fish & Wildlife	10%	1,102	Avoided Cost: Market Appraisal	\$2,691,000	
	Irrigation	45%	4,959	Willingness-to-Pay	\$18,164,000	NON-FEDERAL
	DCMI	45%	4,959	Willingness-to-Pay	\$129,399,000	
	TOTAL	100%	11,020			

Total Present Value Economic Benefits (2025 Dollars): **\$159,577,000**

Total Present Value Costs (2025 Dollars): **\$91,670,000**

**Benefit-Cost Ratio: 1.74**

# Proposed Plan Costs

Component	Costs (in 2025 U.S. Dollars)
Field Costs – Dam Raise	\$44,000,000
Field Costs – Rim Projects	\$12,000,000
Non-Contract Costs – Dam Raise	\$22,500,000
Non-Contract Costs – Rim Projects	\$4,800,000
<b>Total</b>	<b>\$83,300,000</b>

Total Construction Costs (in 2025 U.S. Dollars)	Interest During Construction (in 2025 U.S. Dollars)	Total Present Value Costs (in 2025 U.S. Dollars)
\$83,300,000	\$8,370,000	\$91,670,000



# Summary of Plan Evaluation

Item	Proposed Plan
Net Project Benefits	\$159,577,000
Construction Costs	\$83,300,000
Annual OM&R Costs (allocated to new storage)	\$19,500

Item	Proposed Plan
Total Annual Economic Benefits to the Public	\$4,700,000
Total Annual Costs	\$2,700,000
<b>Net Annual Economic Benefits to the Public</b>	<b>\$2,000,000</b>
<b>Proposed Plan Benefit-Cost Ratio</b>	<b>1.74</b>



# Initial Cost Allocation

## Construction Cost Assignment

Purpose	Total Construction Cost	Federal Cost Share	Non-Federal Cost Share
DCMI	\$60,484,000	\$0	\$60,484,000
Irrigation	\$13,615,000	\$0	\$13,615,000
Fish and Wildlife	\$2,187,000	\$2,187,000	\$0
Hydropower	\$2,888,000	\$2,888,000	\$0
Recreation	\$4,126,000	\$4,126,000	\$0
<b>Total</b>	<b>\$83,300,000</b>	<b>\$9,201,000</b>	<b>\$74,099,000</b>





# Next Steps

Milestone	Date
WIIN Act feasibility determination deadline	January 1, 2021
Final Environmental Impact Statement	February 2021
Record of Decision	May 2021
Secure non-Federal Funding Agreement	FY 2021
Design and early construction	FY 2021-2023
Award primary construction contract	FY 2024
Complete construction	FY 2030



Lanie Paquin, Snake River Area Manager  
Interior Region 9: Columbia-Pacific Northwest  
208-383-2246  
[mpaquin@usbr.gov](mailto:mpaquin@usbr.gov)



— BUREAU OF —  
RECLAMATION





**DEPARTMENT OF THE AIR FORCE**  
**WASHINGTON DC**

**OFFICE OF THE ASSISTANT SECRETARY**

SAF/IE  
1665 Air Force Pentagon  
Washington, DC 22060

August 6, 2020

The Honorable Brad Little  
Office of the Governor  
State Capitol  
PO Box 83720  
Boise, ID 83720

Dear Honorable Little;

Thank you for your continued engagement with our team regarding Mountain Home Air Force Base (MHAFB) and the potential joint water pipeline and treatment project. We appreciate your efforts, and are diligently exploring every viable option to mutually benefit the Air Force and the State of Idaho.


The Air Force is committed to MHAFB's mission and recognize water is a key component to the installation's operations. I can assure you that conservation efforts will continue at MHAFB in appreciation of that connection. The information below represents the best available information in response to your questions.

- 1) Per the DCIP statute, no Federal or State entity may be gifted a DCIP asset beyond the original application. By Law, the State would be required to own, operate and maintain the pipeline in perpetuity, or transfer to a private cooperative, eliminating the option to gift it to the Air Force after construction.
- 2) We could not find any grants available that will keep us within the planned project execution timeframe and completion deadline of 2026.
- 3) You suggested the possibility of the State giving \$20M to the Air Force to construct, own and operate the pipeline. The Air Force will not be able to construct a pipeline for the \$27M estimated, or for the lesser amount of \$20M. We estimate that our cost to construct will be at least 25% greater than the State's cost of construction due to federal acquisition regulations and other related federal requirements. Additionally, military construction will push us far beyond the intended 2026 construction completion date due to environmental actions, real estate acquisition(s), and right of way execution.
- 4) Moving forward with the joint Energy Resilience and Conservation Investment Program (ERCIP) and State funded pipeline project is the most viable option. If the State is able to construct the pipeline and convey it to the Air Force as a gift, the Air Force is prepared to accept the Operations and Maintenance (O&M) costs of the State constructed pipeline.

If this is acceptable to the state, and if we are to meet the current funding approval deadline for the Air Force's ERCIP project, we will need to execute a Memorandum of Understanding (MOU) no later than 15 October 2020.

I look forward to your feedback on the way ahead and the timeline for completing the MOU so that we can continue the joint project collaboration effort in earnest. The completion of the MOU will solidify our ability to invest resources to move forward.

Sincerely,



JOHN W. HENDERSON, P.E.  
Assistant Secretary of the Air Force  
(Installations, Environment and Energy)

# Memorandum



To: Idaho Water Resource Board

From: Cynthia Bridge Clark

Date: September 10, 2020

Re: MHAFB Water Sustainability Project – Water Rights Beneficial Use Deadline Extension

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**REQUIRED ACTION:** Consider resolution to issue written notice of extension of Snake River Water Rights Beneficial Use Deadline.

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On July 25, 2014, a Water Right Purchase and Sale Agreement (Agreement) was executed between J.R. Simplot Company (Simplot) and the Idaho Water Resource Board (IWRB) through which the IWRB purchased senior Snake River water rights 02-10300A, 02-10330B, and a portion of 02-10472 (Water Rights) for the purpose of obtaining a water supply for the Mountain Home Air Force Base (Base). The Agreement granted Simplot an option to re-acquire the Water Rights from the IWRB (Option) if the IWRB failed to divert the water under the Water Rights for the benefit of the Base on or before January 1, 2021 (Beneficial Use Deadline). The agreement also allows the IWRB to extend the Beneficial Use Deadline by providing Simplot written notice of its intent on or before January 1, 2021. The extension is automatic and does not require approval by Simplot.

The IWRB and the Governor's office have been working with the Base and the Military to develop a pump station, pipeline, and water treatment plant to deliver Snake River water under the Water Rights but needs additional time to put the water rights to beneficial use. The attached resolution authorizes the IWRB Chairman to issue written notice to Simplot to extend the Beneficial use Deadline to February 1, 2026.

**BEFORE THE IDAHO WATER RESOURCE BOARD**

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

RESOLUTION TO EXTEND THE SNAKE RIVER  
WATER RIGHTS BENEFICIAL USE DEADLINE

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

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

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

13  
14           WHEREAS, the State of Idaho recognizes the economic value of the Base to the local and state  
15 economy and supports the United States Military in achieving its national security functions and has been  
16 coordinating with the Military to develop a long-term sustainable water supply to support the Base and  
17 its mission; and

18  
19           WHEREAS, House Bill 479 passed and approved by the 2014 Idaho legislature allocated \$4 million  
20 in one-time funds for acquisition of senior priority Snake River water rights to supply the Base; and

21  
22           WHEREAS, on July 25, 2014, a Water Right Purchase and Sale Agreement ("Agreement") was  
23 executed between J.R. Simplot Company ("Simplot") and the Board through which the Board purchased  
24 senior Snake River water rights 02-10300A, 02-10330B, and a portion of 02-10472 ("Water Rights") for  
25 the purpose of obtaining a water supply for the Base; and

26  
27           WHEREAS, the portion of water right 02-10472 sold to the Board was subsequently renumbered  
28 to 02-10506; and

29  
30           WHEREAS, the Agreement granted Simplot an option to re-acquire the Water Rights from the  
31 Board ("Option") if the Board failed to divert the water under the Water Rights for the benefit of the Base  
32 and put the Water Rights to beneficial use on the land owned by the United States of America and  
33 reserved for the Base on or before January 1, 2021 ("Beneficial Use Deadline"); and

34  
35           WHEREAS, the Option may be exercised by Simplot up to and including February 1, 2021 ("Option  
36 Period"), subject to extension; and

37  
38           WHEREAS, the Agreement authorized the Board to extend the Beneficial Use Deadline to February



1, 2026 by providing Simplot with written notice of extension on or before January 1, 2021. After receipt of the Board's notice to extend the Beneficial Use Deadline, the Option Period shall be automatically extended until February 1, 2026; and

NOW THEREFORE BE IT RESOLVED that the IWRB authorizes its chairman to issue written notice to Simplot to extend the Beneficial Use Deadline to February 1, 2026.

DATED this 17<sup>th</sup> day of September, 2020.

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

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

# Memorandum



To: Idaho Water Resource Board (IWRB)  
From: Neeley Miller, Planning & Projects Bureau  
Date: September 9, 2020  
Re: Priest Lake Water Management Project Update

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**ACTION: No action is requested at this time**

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## Background

As a result of limited water supply and drought conditions in northern Idaho in 2015 and 2016 (and 2019) it has been difficult to maintain required lake pool levels and downstream flow in the Priest River during the recreational season.

**Phase 1:** The Priest Lake Water Management Study was completed in February 2018. The study included the following recommendations:

- Temporarily raising the surface level of Priest Lake up to 6 inches during the recreational season for dry years and integrating real-time streamflow data to allow more operational flexibility
- Outlet dam structural and operational improvements
- Replacing the current existing porous breakwater with an impervious breakwater structure and dredging a portion of the Thorofare channel

**Phase 2:** The Priest Lake Water Management Project – Preliminary Engineering & Design concluded in the fall 2019.

**Phase 3:** Final Engineering & Design which includes finalizing regulatory permitting and bidding assistance began in November 2019 and concluded in August 2020.

## Phase 4: Construction and Construction Management

The IWRB authorized the expenditure of funds not to exceed \$5 million from the Revolving Development Account for the construction of the Outlet dam portion and Thorofare portion of the Priest Lake Water Management Project as well as for the construction management and for other costs associated with the project.

## Schedule

- Aug 2020 – IWRB authorized funding resolution and issuance of Limited Notice to Proceed
- Sept 2020 – Staff issued Full Notice to Proceed, On-site Preconstruction Meeting, Steering Committee
- Oct 2020 - Apr 2021 – Anticipated construction period for both projects

# Memorandum

To: Idaho Water Resource Board  
From: Wesley Hipke  
Date: September 8, 2020  
Re: ESPA Managed Recharge Program Status Report



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**REQUIRED ACTION:** No action is required at the September 17, 2020 IWRB meeting.

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## I. IWRB Managed Recharge Executive Summary

The IWRB started managed recharge activities for the 2020/2021 season on September 4, 2020. The Surface Water Coalition (SWC) assigned 58,300 acre-feet (af) from its settlement agreements to the IWRB for managed recharge in the ESPA. The current plan is to recharge the full volume in the Upper Valley above Minidoka Dam.

Other key projects under development to support the ESPA Recharge Program for the upcoming year include:

- Coordination of the managed recharge for the Eastern Snake Plain Cities as per the agreement between the Cities, SWC, and IGWA.
- Continue the development of an IWRB managed recharge forecasting tool.
- Publish a new web-page to disseminate key information concerning the program.
- Meet with program partners in the Lower Valley in October to optimize the program's Lower Valley recharge for the 2020/2021 season.
- Continue implementation of various monitoring activities including:
  - Water Quality sampling.
  - Expansion of the monitoring network in the Egin Lakes area.
  - Improve measurements of surface water diversions for recharge on the North Side and American Falls Reservoir District No. 2 systems.

## II. Fall 2020 IWRB Managed Recharge for Other Entities

The Surface Water Coalition (SWC), as part of its settlement agreements, received 58,500 af from the Idaho Ground Water Association (IGWA) and the Water Mitigation Coalition (WMC) (50,000 af and 8,500 af of storage water respectively). SWC and IGWA assigned 58,330 af to the IWRB for managed recharge in the ESPA. The IWRB has agreed to recharge the storage water to support water user efforts to improve and recover groundwater levels in the ESPA.

The City of Pocatello intends to assign around 6,300 af of storage water to the IWRB for managed recharge to meet the terms of the Coalition of Cities (CoC) settlement agreement with SWC. The water will officially be assigned to the IWRB once the final volumes has been determined by the CoC.

Consistent with protocol set forth in previous years, recharge of storage water provided to the IWRB will be conducted in accordance with the following conditions:

- This storage water will not count towards mitigation of ground water pumping.
- The IWRB will not compensate the original purchasers of the storage water for the cost of the water.
- The IWRB will make its best effort to recharge the storage water upstream of American Falls Reservoir (Upper Valley) to support the intent of the SWC Settlement Agreements.

The IWRB, working with partners with off-canal recharge sites, started conducting managed recharge on September 4<sup>th</sup>, 2020.

## 2021 Tentative Board Meeting Dates

Month	Proposed Dates	Concurring Events/Field Trip	Location
January	21st & 22nd	IWUA(1/18-1/21, 2021)	BOISE
March	18th & 19th		BOISE
May	20th & 21st		BOISE
July	29th & 30th		BOISE
September	30th & Oct 1st		BOISE
November	18th & 19th		BOISE

\* Any field trips or alternate meeting locations will be TBD.