



AGENDA

IDAHO WATER RESOURCE BOARD

Board Meeting No. 7-22

WORK SESSION

Thursday, July 21, 2022

8:00 a.m. (MT)

Return from Tour –Meeting Reconvenes at 1:00 p.m. (MT)

Brad Little
Governor

Jeff Raybould
Chairman
St. Anthony
At Large

Roger W. Chase
Vice-Chairman
Pocatello
District 4

Jo Ann Cole-Hansen
Secretary
Lewiston
At Large

Dale Van Stone
Hope
District 1

Albert Barker
Boise
District 2

Dean Stevenson
Paul
District 3

Peter Van Der Meulen
Hailey
At Large

Brian Olmstead
Twin Falls
At Large

Hampton Inn
Cottonwood A Meeting Room
3175 Foothills Ave.
Mountain Home

Board Members & the Public may participate via Zoom

[Click here to join our Zoom Meeting](#)

Dial in Option: 1(253) 215-8782 Meeting ID: 863 1827 8780 Passcode: 224022

Tour of Elmore County Water Projects (*Transportation will be provided for board members, IDWR staff, and invited guests.*)

Lunch

Return from Tour –Meeting Reconvenes at 1:00 p.m. (MT)

1. Roll Call
2. Elmore County Presentation
3. MHAFFB Water Sustainability Project
4. Treasure Valley Groundwater Model Update
5. Mountain Home Aquifer Investigations
6. Anderson Ranch Dam Raise Briefing
7. Boise Warm Springs Water District Loan
8. Non-Action Items for Discussion
9. 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:** 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 or by phone at (208) 287-4800.

Memorandum

To: Idaho Water Resource Board (IWRB)
From: Brian Patton, Planning & Projects Bureau
Date: July 18, 2022
Re: Elmore County Presentation



ACTION: No action expected.

Elmore County representatives will propose water projects for the Mountain Home area.

Elmore County and Mountain Home Plateau

A Recap of Current Water Projects and Challenges

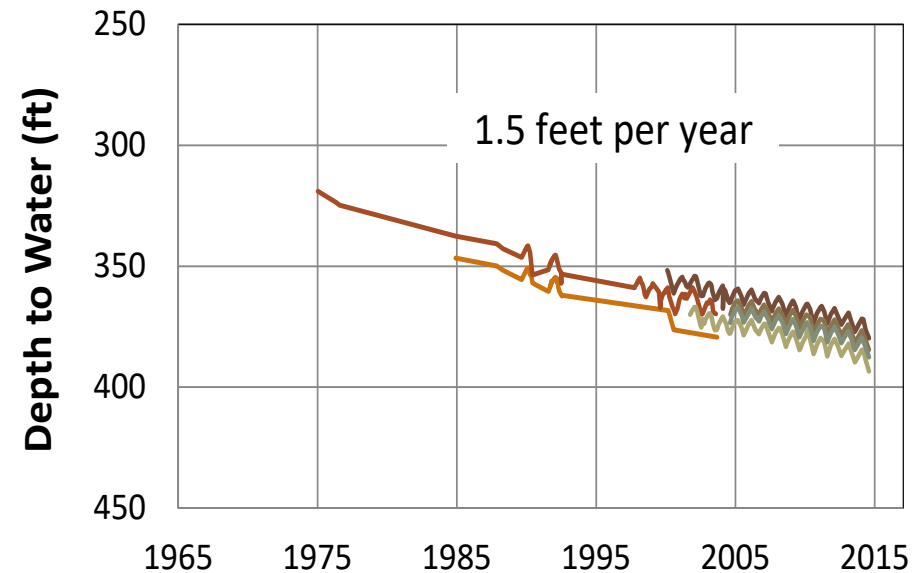


Terry Scanlan, P.E., P.G. – HDR Engineering, Inc.

July 21, 2022

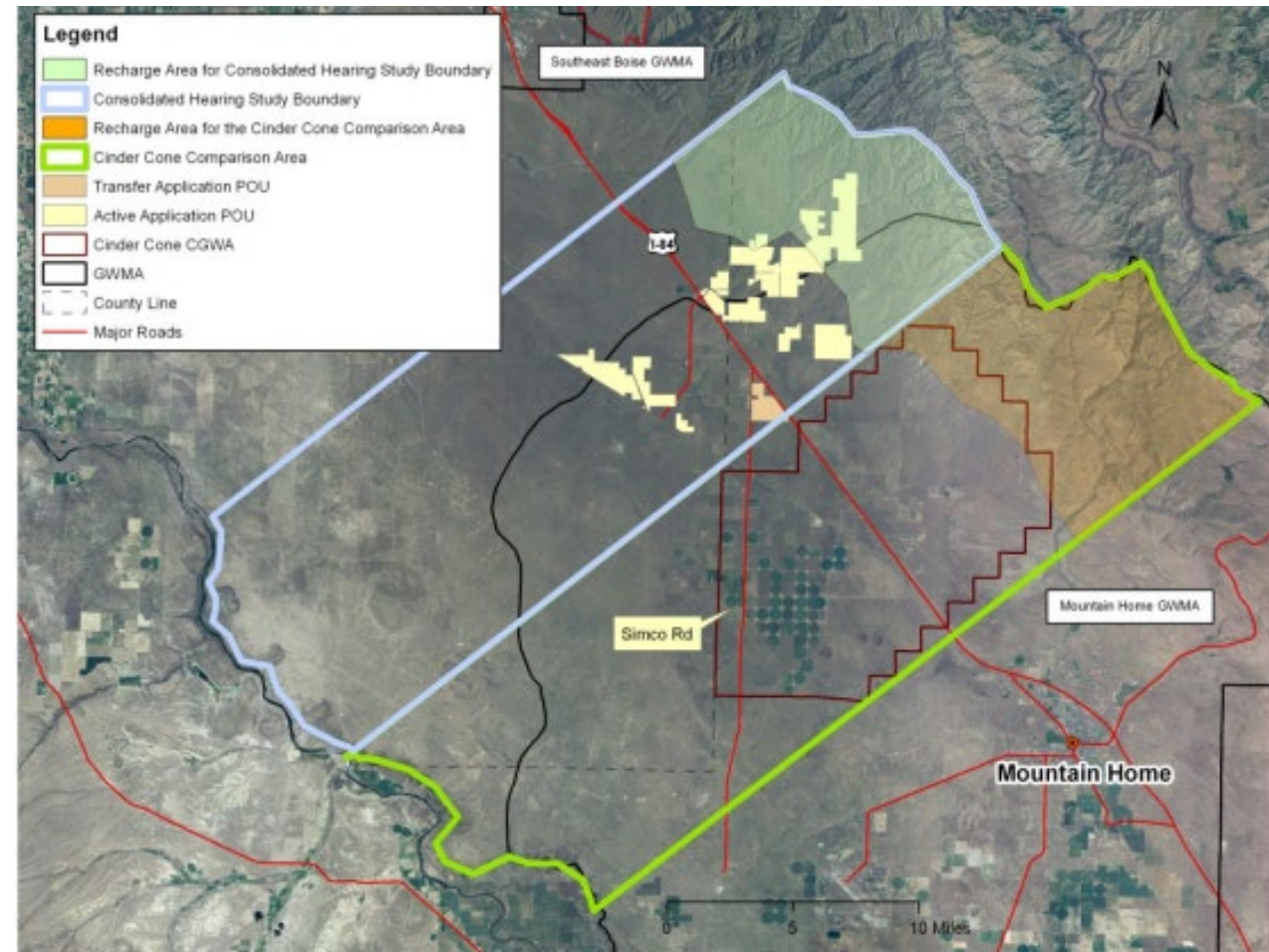
Water levels declining since the 1970s

- Groundwater pumping exceeds recharge
- Chronic water-level declines in many areas between 184 and Snake River
- Area is experiencing rapid growth but economic development is hindered by lack of water supply and threats of curtailment



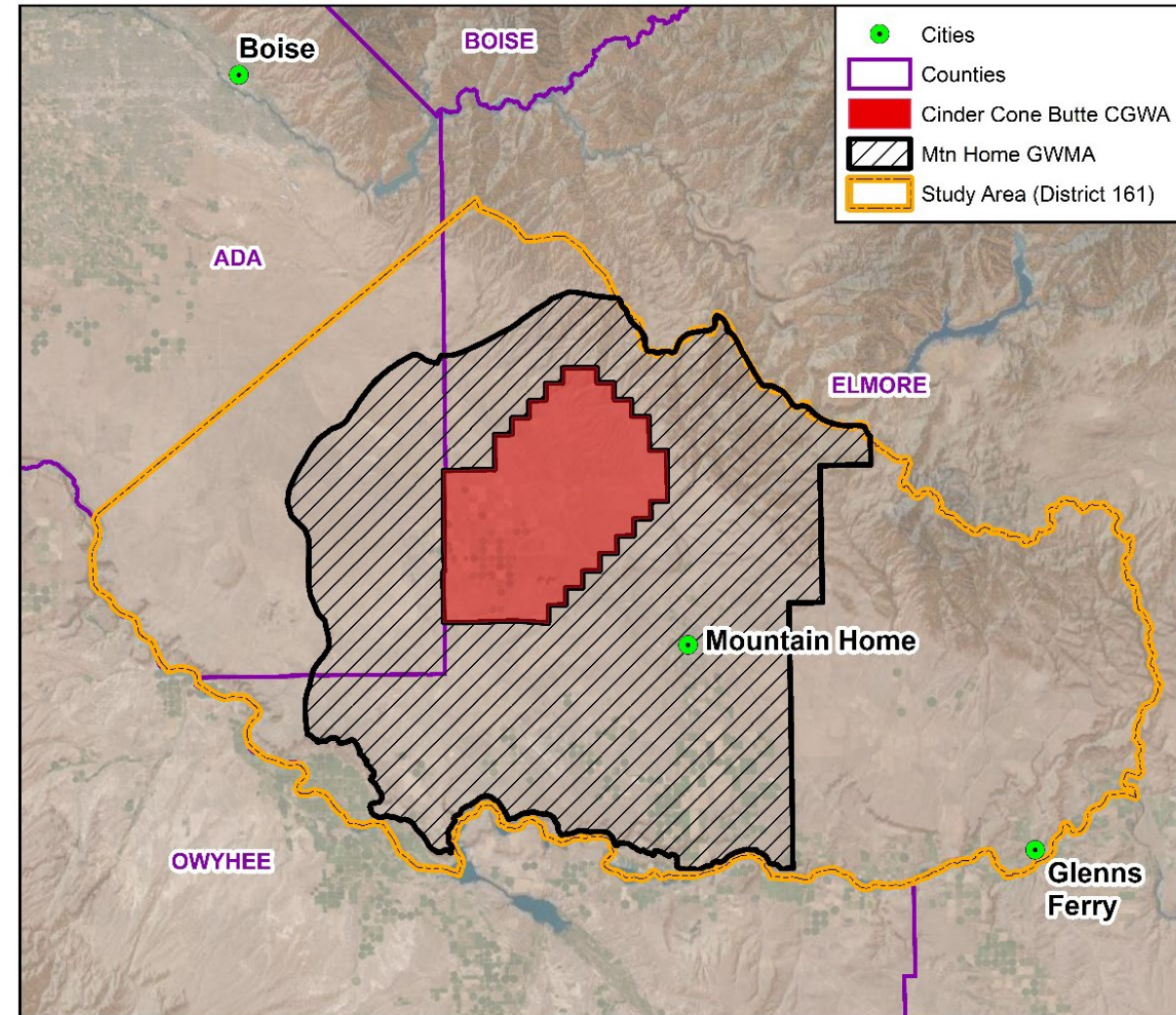
But water level declines do not occur everywhere

- Water levels are generally stable north of I84 and Union Pacific Railroad main line track
- In 2012 IDWR allocated 7440 acre feet to new groundwater development northwest of the critical area in the I84 Consolidated Case Order



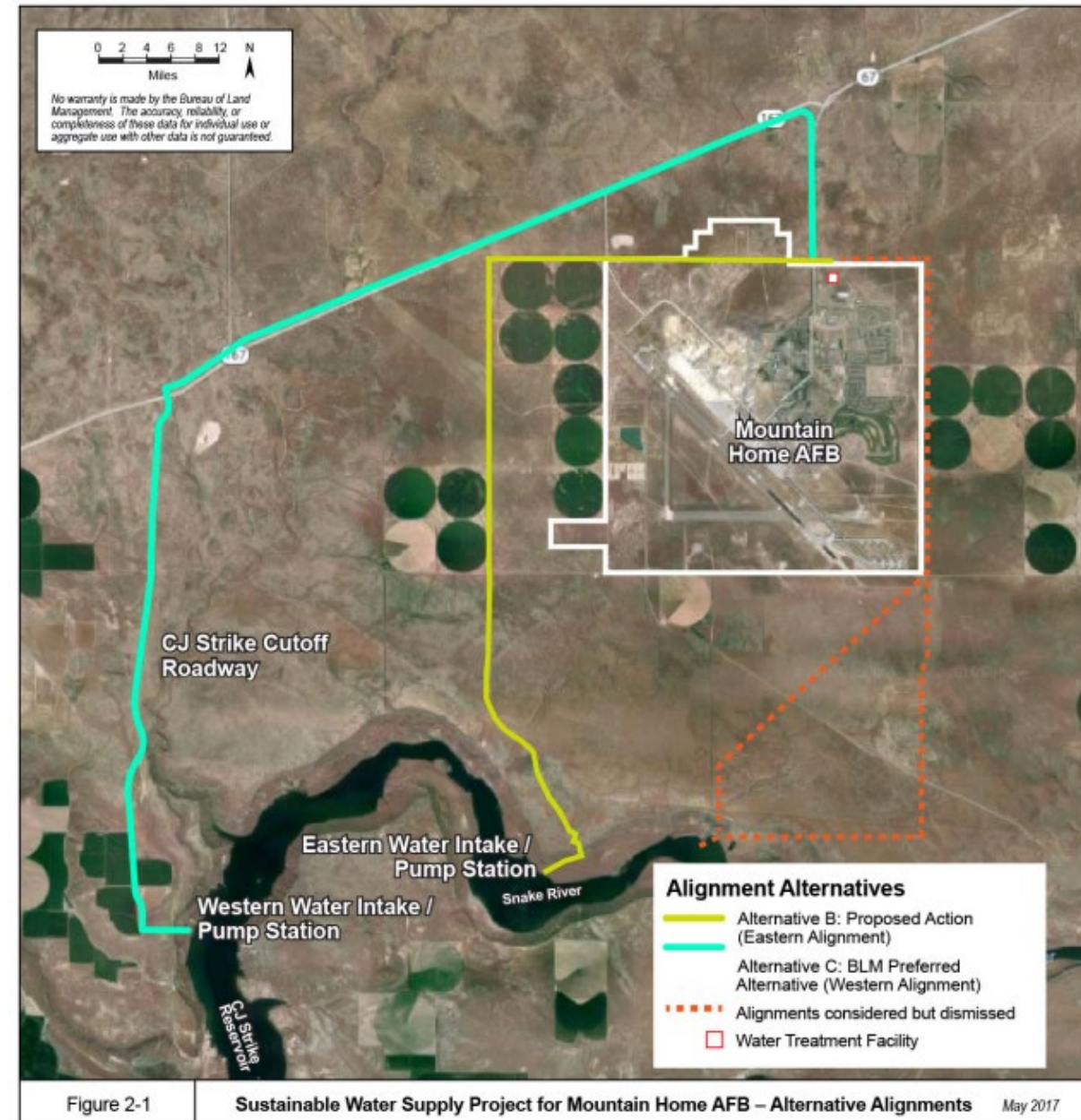
Regulatory/ Administrative Actions to Manage Groundwater

- Cinder Cone Butte Critical Ground Water Area – 1981
- Mountain Home Ground Water Management Area – 1982
- Water District 161 - 2016



IWRB is actively supporting water supply efforts

- MHAFB Snake River Project
 - to replace groundwater supply with a more reliable surface water supply



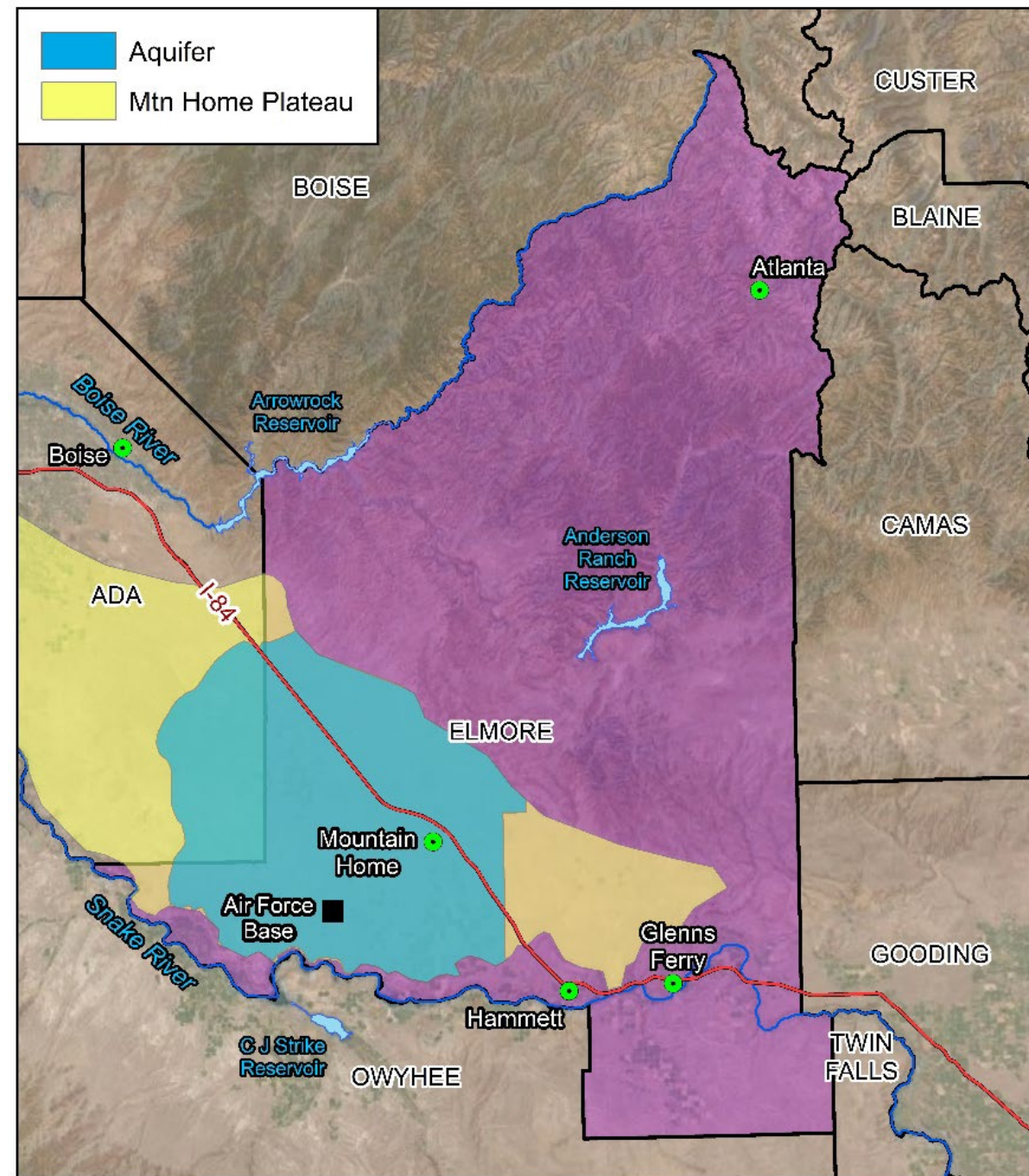
IWRB is actively supporting water supply efforts

- Anderson Dam Raise
 - 29,000 af of new storage



IWRB is actively supporting water supply efforts

- Mountain Home Hydrologic Investigation
 - January 21, 2022 IWRB authorized \$700,000.
 - First step toward developing a groundwater model that can be used for aquifer management purposes.
- Support to Elmore County
 - 2/3 funding for Water Supply Study that was completed in 2017
 - Funding for recharge site improvements in 2018





Elmore County Board of Commissioners Water Development Actions

- 2015 Groundwater Study
- 2017 Water Supply Alternatives Study (1/3 County Funded)
- Water Rights
 - Canyon Creek Recharge License (22.68 cfs)
 - Canyon Creek Recharge Permit (200 cfs)
 - SF Boise River Floodwater Permit (200 cfs) – approved for irrigation and recharge
 - Snake River Application (20 cfs) – pending for municipal and recharge
- Canyon Creek Recharge Facilities

Elmore County Board of Commissioners Water Development Actions

- Anderson Ranch Dam Raise – Request for 10,000 AF Storage
- SF Boise River Pump Station and Pipeline – Design and Permitting
- Water Advisory Group
- Elmore County Water Resources website



Next Steps - IWRB

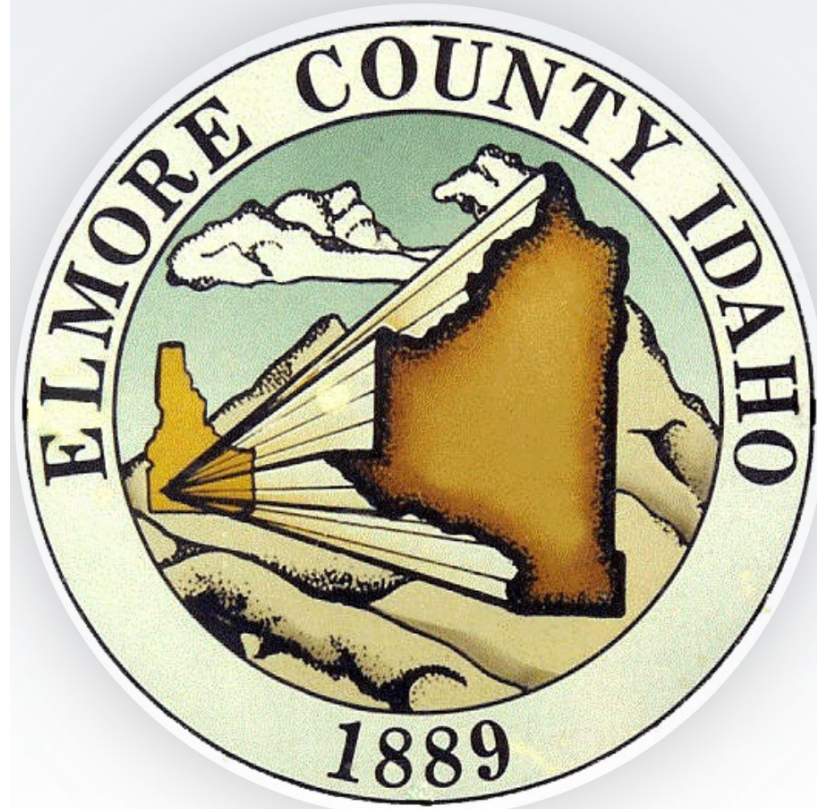
- MHAFFB Project
 - IWRB pipeline and USAF treatment plant
 - 2025 target completion
- Anderson Dam Project
 - IWRB and USBOR
 - 2028 target completion
- Mountain Home Hydrologic Investigation
 - IDWR and USGS proceeding
 - 2026 target completion

Next Steps – Elmore County

- Anderson Ranch Pump Station and Pipeline
 - County has authorized \$550,000 for NEPA and Idaho Power
 - Water right permit approved
 - Storage being sought
 - Reduced project capacity being considered
 - Hydropower potential being investigated
 - Funding mechanisms/districts being evaluated
- Canyon Creek Recharge
 - Elmore County is operating
- Snake River Water Right Application
 - Protests have been resolved
 - County has requested that IDWR resume processing
- Community Outreach by County
 - Water Advisory Group
 - Education on need and benefits of water projects
 - Determination of public support for water projects

Thank You!

HDR



Memorandum

To: Idaho Water Resource Board

From: Mike Morrison

Date: July 12, 2022

Re: Mountain Home Air Force Base Water Resilience Project



REQUIRED ACTION: No action is required.

Project Update

Since the May Board meeting, Staff and the Air Force have continued to work toward a Memorandum of Agreement (MOA) that will clarify expectations and define each party's roles and responsibilities. While the framework and general content are well defined, a few details of the agreement are under negotiation and legal review and will require IWRB input and approval at a future IWRB meeting.

At present, this project is running behind schedule. To limit additional delays, Staff requests that the Board consider allowing Staff to begin the process of procuring an owner's advisor who will assist us in the selection of qualified design and construction firms, and who will help us manage the project. The proposed scope of services for the owner's advisor, procurement process and timeline, and steps for obtaining authorization to expend funds will be discussed at the IWRB meeting.

Representatives from the Air Force will provide an update on development of the water treatment plant at the July 21 IWRB work session and will be available to address questions from IWRB members.

MHAFB Water Resilience Project Update—July 2022



Dr. Mike Morrison, P.E.
Water Planning/Projects Bureau Engineer

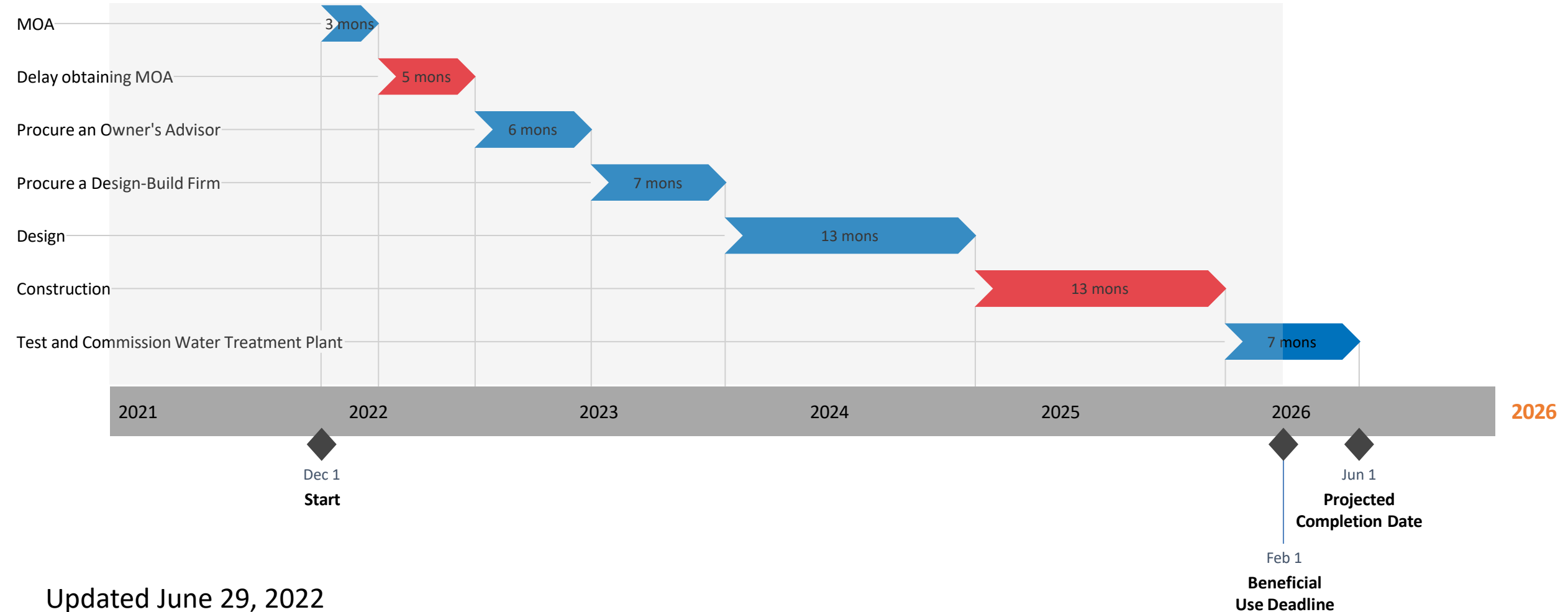
MHAFB Water Resilience Project Update

- Timeline and cost estimate
- MOA Overview
- Need for an Owner's Advisor
- Air Force update on status of water treatment plant.

03/02/2017 10:



MHAFB pipeline and pumping station estimated completion dates



Updated June 29, 2022

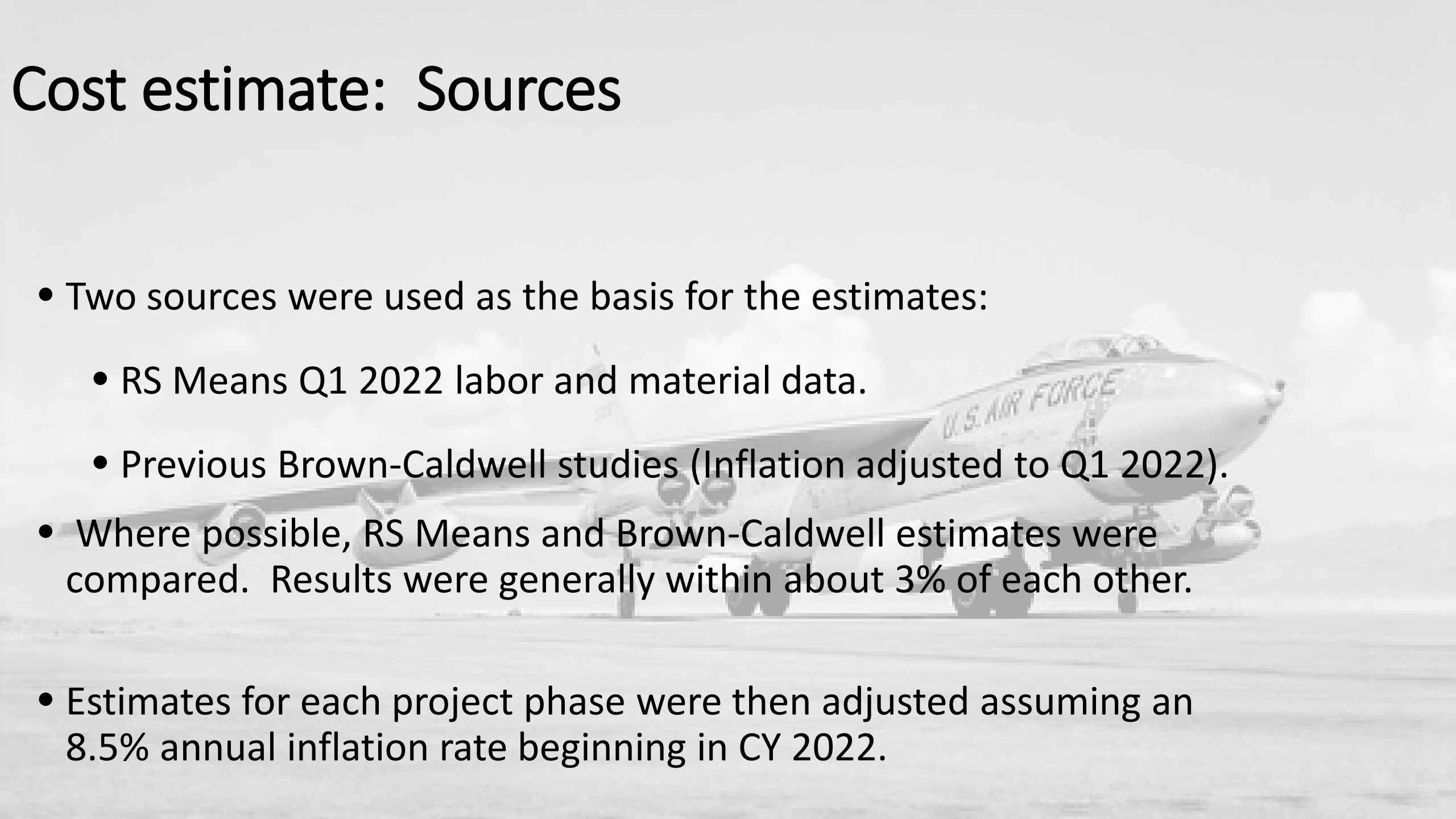
Cost estimate includes:

- Design
- Construction
- Construction management
- An owner's advisor



Cost estimate: Sources

- Two sources were used as the basis for the estimates:
 - RS Means Q1 2022 labor and material data.
 - Previous Brown-Caldwell studies (Inflation adjusted to Q1 2022).
- Where possible, RS Means and Brown-Caldwell estimates were compared. Results were generally within about 3% of each other.
- Estimates for each project phase were then adjusted assuming an 8.5% annual inflation rate beginning in CY 2022.



Cost estimate: Risk

- **Project cost risk was evaluated using PERT (Program Evaluation Review Technique).**
- **This is a standard method for evaluating risk, but it depends on:**
 - **The ability to properly identify the range of possible costs for each activity.**
 - **The ability to properly identify dependencies between costs.**

Cost estimate

- Base cost estimate: **\$52.8 Million**
- Risk estimate: **\$ 8.9 Million**
- Total: **\$61.7 Million**



The MOA (Memorandum of Agreement)

Board staff and U.S. Air Force are formulating a MOA that:

- Assures that the project meets legal standards.
- Broadly outlines responsibilities and design parameters that the Board needs in order to contract engineering, design, and construction firms.
- Clarifies issues surrounding water rights.

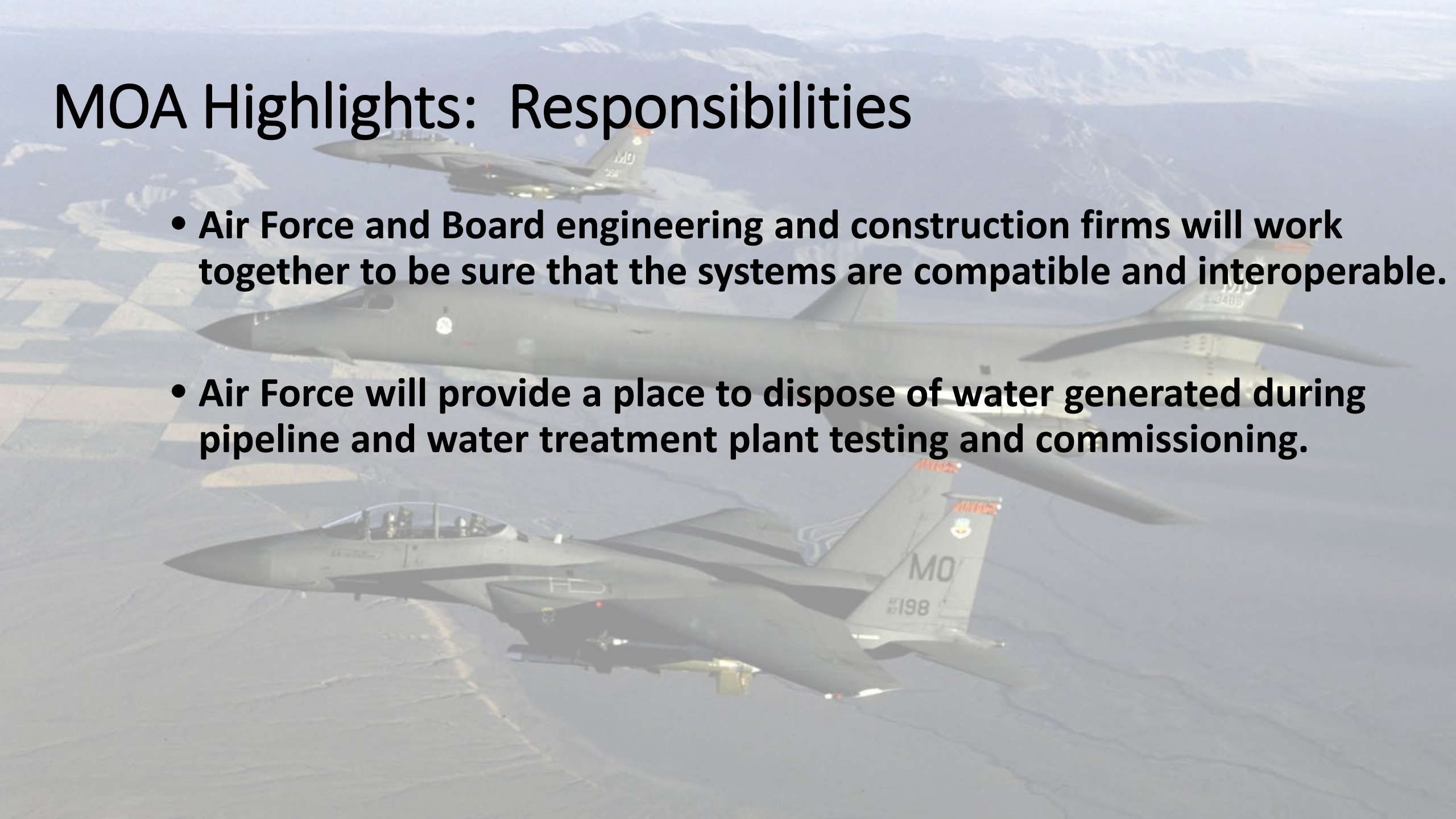


MOA Highlights: Air Force legal review

- We originally asked the Air Force to perform a legal review of the project and mechanism for transferring ownership.
- We're still working on language that meets the needs of the Air Force and the Board.

MOA Highlights: Responsibilities

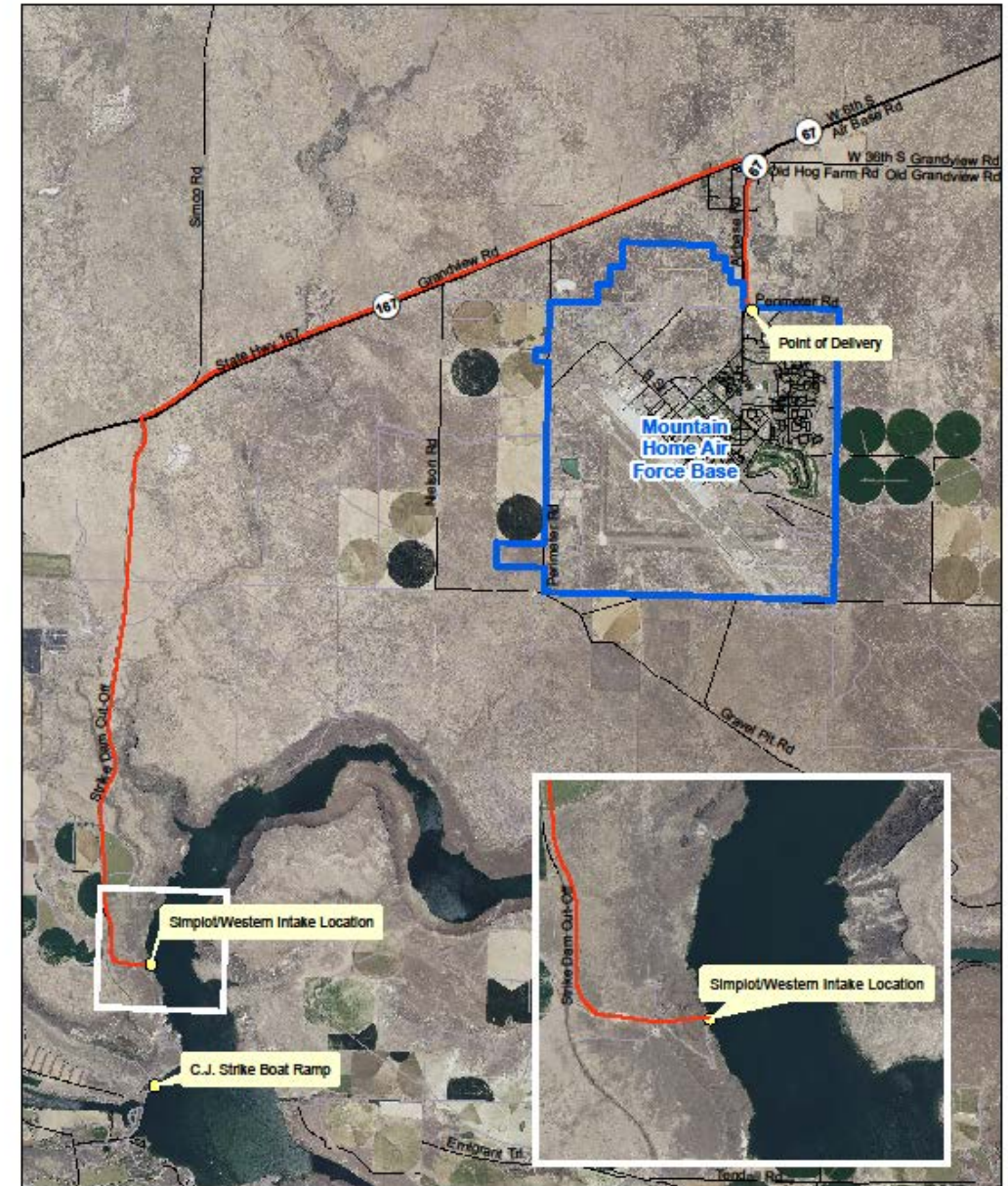
- Air Force and Board engineering and construction firms will work together to be sure that the systems are compatible and interoperable.
- Air Force will provide a place to dispose of water generated during pipeline and water treatment plant testing and commissioning.



MOA Highlights: Design parameters

- The Air Force has provided the Board:
 - Peak and Monthly Delivery Requirements*
 - Security and Anti-Terrorism Requirements
 - Communication and Control Requirements
 - The Point of Delivery

* Under the agreement, the Board will construct the pipeline to be able to deliver either the water right obtained by the Board, or the Base's peak projected need, whichever is greater.



MOA Highlights: Water Rights

- The agreement clarifies some issues regarding water rights:
 - The Board will retain the water right after transferring the system to the Air Force.
 - That the water rights must be beneficially used for MHAFB by January 31, 2026.
 - That the Government intends to preserve and exercise its existing ground water rights.
 - Board will maintain the Transmission system between connection of the transmission and treatment systems and gifting to the USAF.



03/02/2017 10:53

MHAFB Water resilience project: Owner's Advisor

- The Planning Bureau would like to enlist the services of an Owner's Advisor (OA) will assist us through the entire project:
 - Procuring a Design-Build Firm
 - Administering and Managing the Contract.
 - Technical Assistance



OA: Procuring a design-build firm

A yellow excavator is shown in the background, working in a field. The excavator's arm is extended, and it appears to be digging or moving earth. A person is visible in the operator's cab. The background is a blurred landscape with green fields and trees under a clear sky.

- **The OA will be able to help us procure a DB firm by providing the following expertise**
 - **Developing SOWs, Specifications, and other contract documents.**
 - **Administering portions of the Selection Process.**
 - **Reviewing candidate qualifications and proposals.**
 - **Developing and negotiating a contract with the selected DB firm.**

OA: Administering and managing the contract

- Once the project is underway, the OA will help us:
 - Review and document pay applications, requests for information, and change requests.
 - Monitor budget and timeline.
 - Coordinate communication and meetings.
 - Help keep the Board informed.



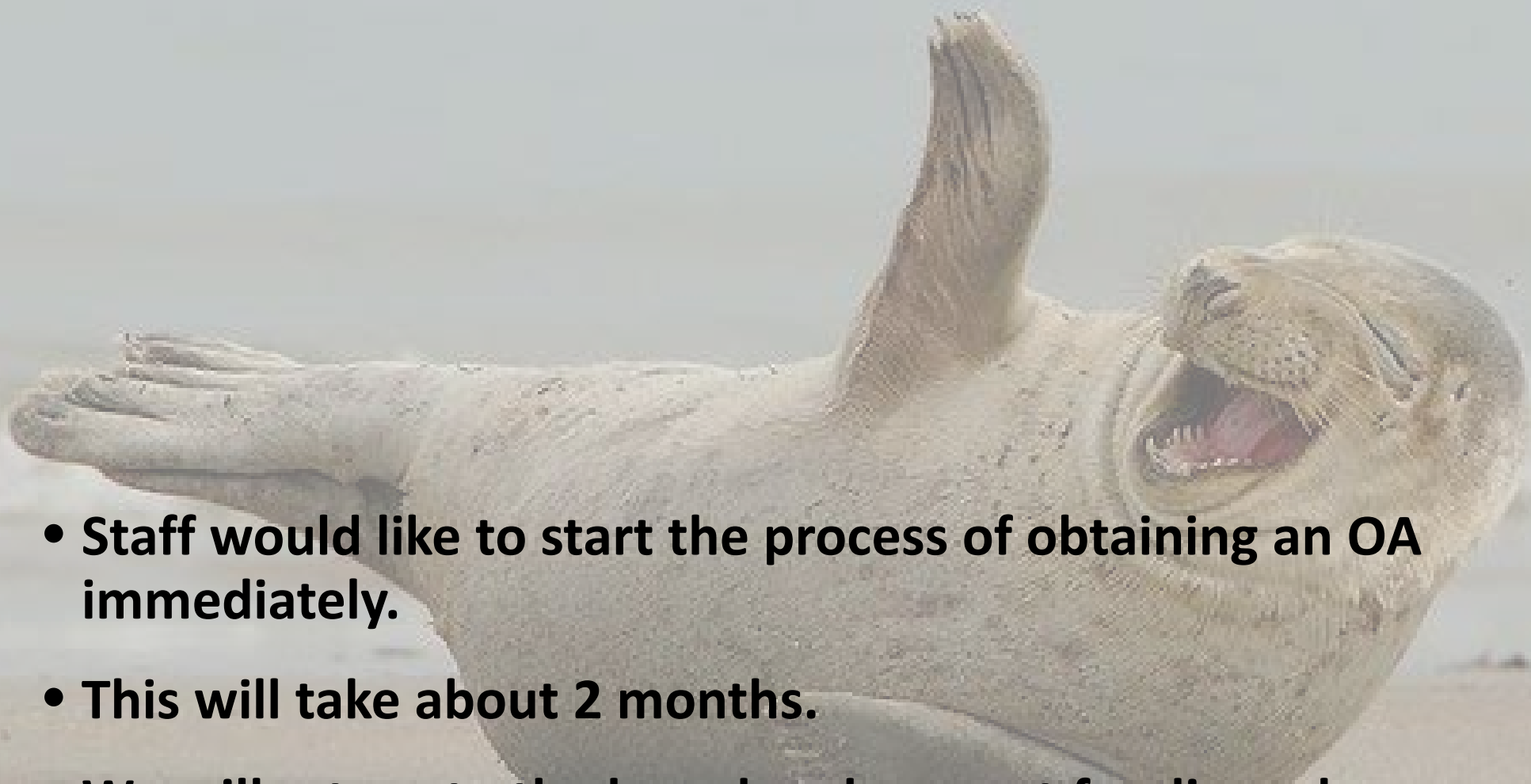
OA: Technical assistance

- Once the project is underway, the OA will help us:
 - Oversee Design Quality.
 - Oversee Construction Quality.
 - Conducting pre and post construction site surveys.
 - Obtaining permits from governmental agencies.
 - Obtaining Technical assistance as required.



OA: For the Board's consideration

- **Staff would like to start the process of obtaining an OA immediately.**
- **This will take about 2 months.**
- **We will return to the board and request funding when we are closer to obtaining an OA.**



Department of the Air Force

MHAFB Water Resilience



Ms. Seema Aziz-Hall

Installation Energy & Water Portfolio Manager
Office of the DAS of the Air Force
(Environment, Safety, & Infrastructure)

Mr. Eric Bowden

Chief, Operations and Training Design
and Construction Branch
Air Force Civil Engineer Center

21 July 2022



Overview

- **Opening Remarks – Ms. Seema Aziz-Hall**
 - **Water Treatment Plant Project – Mr. Eric Bowden**
 - **Projected Schedule**
 - **WTP Operation**
 - **Next Steps**
 - **Questions**
-



Water Treatment Plant Projected Schedule

VE Workshop	Summer 2022
Begin Advertise	Fall 2022
Final D-B RFP	Spring 2023
Ready to Advertise	Spring 2023
Complete Advertise	Summer 2023
Award Contract	Fall 2023
Notice to Proceed	Fall 2023
Construction Complete	Summer 2025
Beneficial Occupancy	Fall 2025





Water Treatment Plant Operation

■ WTP - 3.5 MGD Capacity

- Receive and store water from Snake River via pipeline**
- Treat and store surface water at potable water standards**
- Distribute potable water to installation**

■ Next Steps

- Air Force Sustainability Certification**
- Site Investigation**
- Value Engineering Workshop**
- DB RFP Development**
- Lead and Copper Rule Corrosion Control Study**
- Acquisition Support**

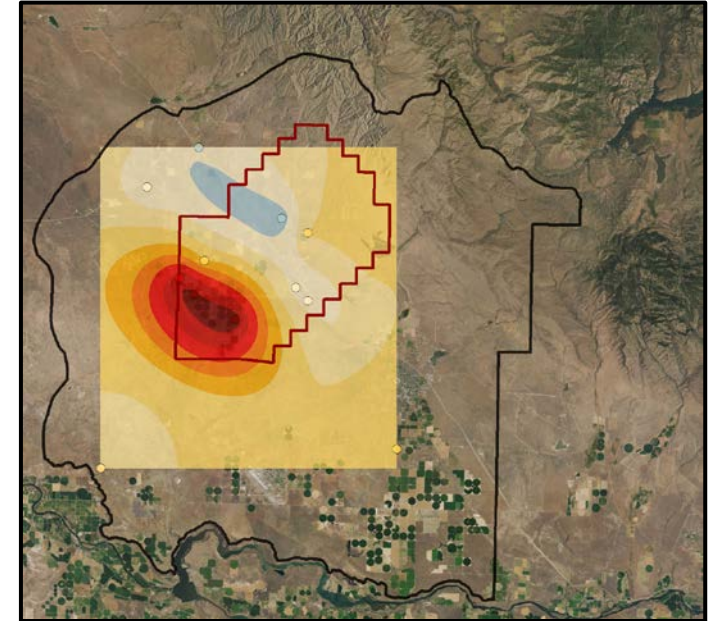
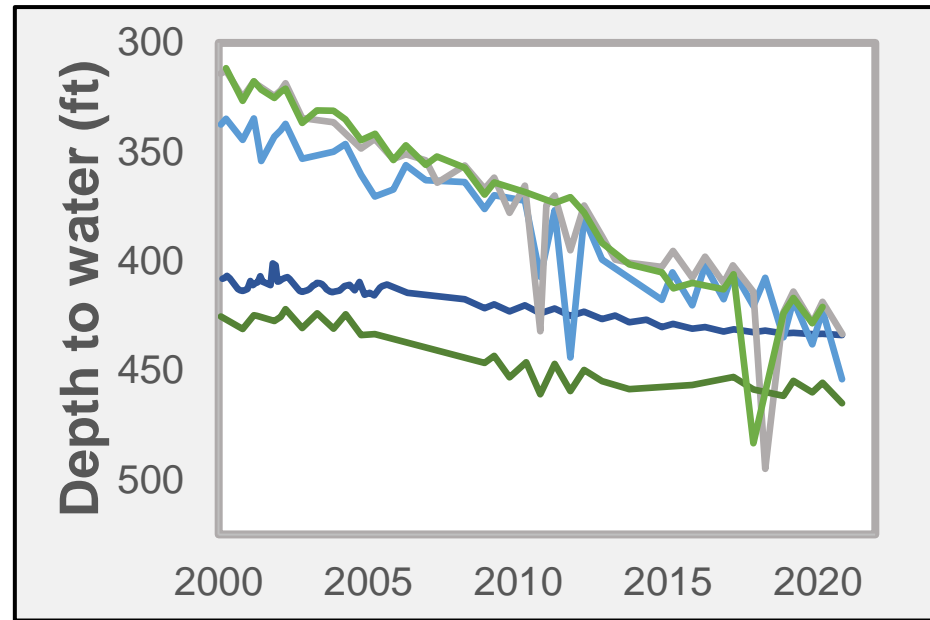


Questions





Mountain Home Plateau Hydrologic Investigation

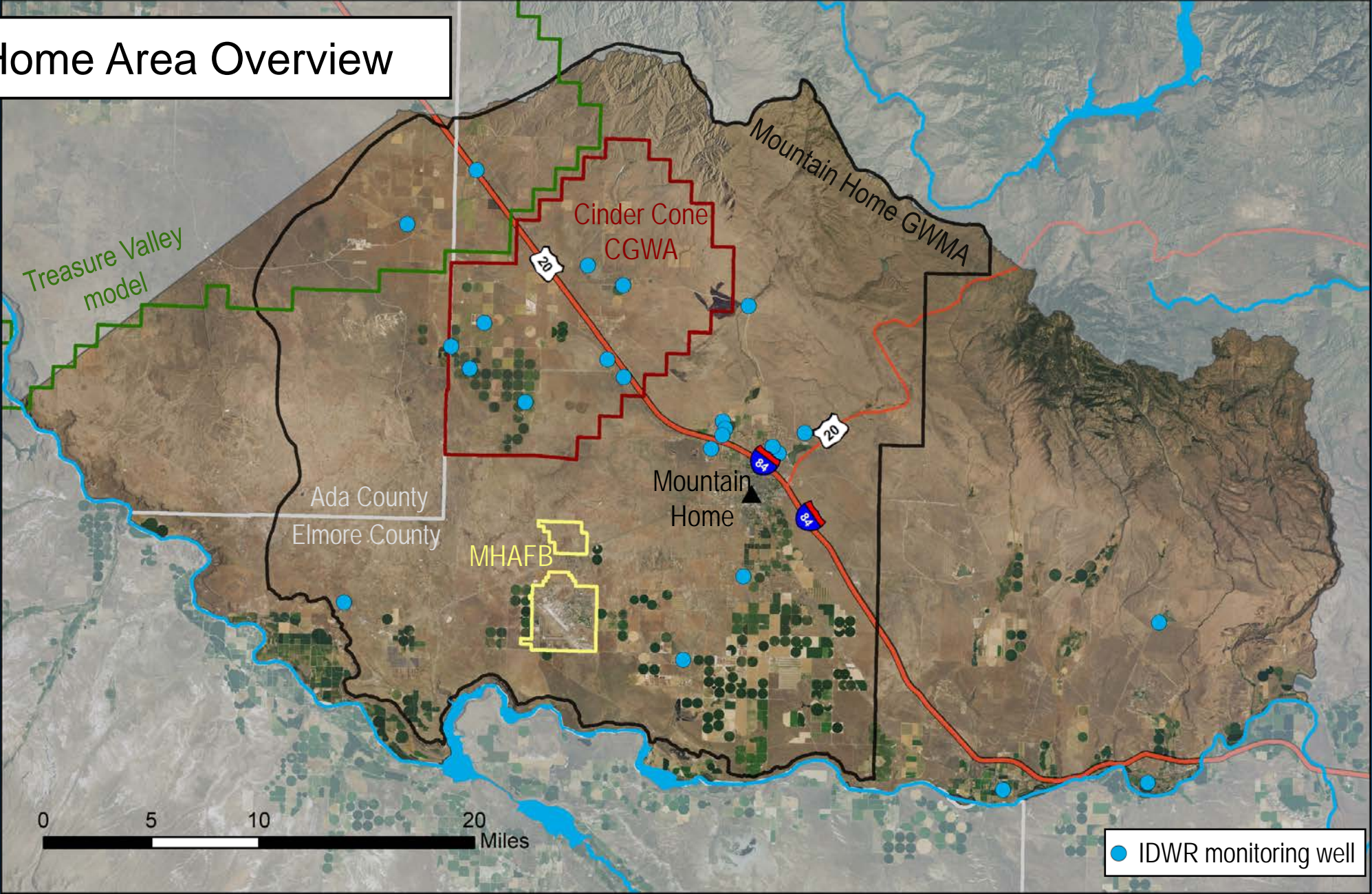


Presented by Amy Steimke
Idaho Water Resource Board Meeting: July 21, 2022



IDAHO DEPARTMENT OF
WATER RESOURCES

Mountain Home Area Overview



Treasure Valley model

ESPAM

Study Area


Groundwater Level Changes in the Mountain Home Area: Fall 1981 to Fall 2021

Legend

 Cinder Cone Butte CGWA


 Mountain Home GWMA


Water Level Change (ft)

 Declines 140 to 160


 Declines 120 to 140


 Declines 100 to 120


 Declines 80 to 100


 Declines 60 to 80

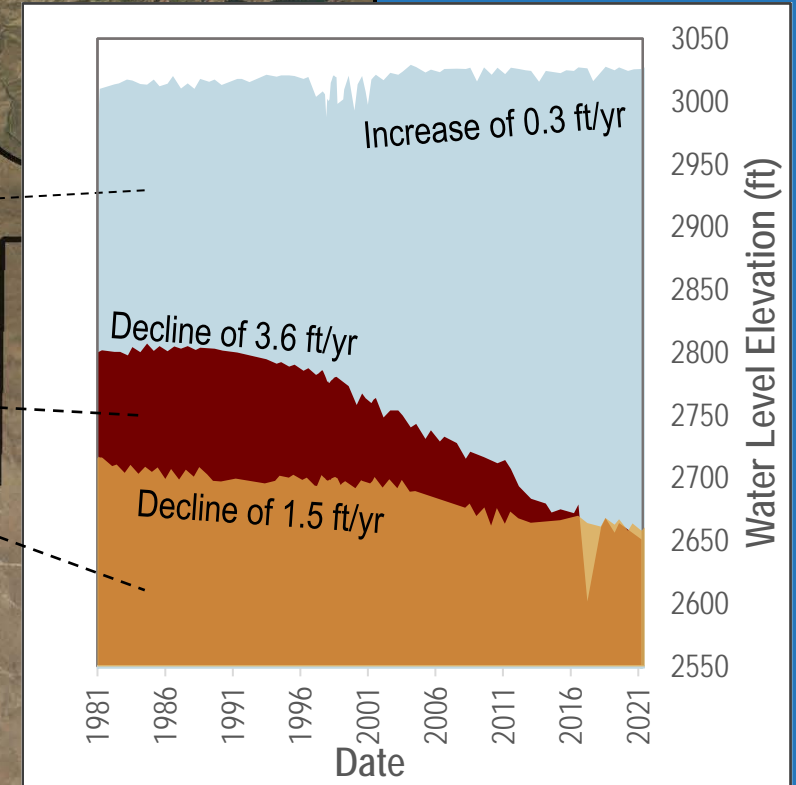
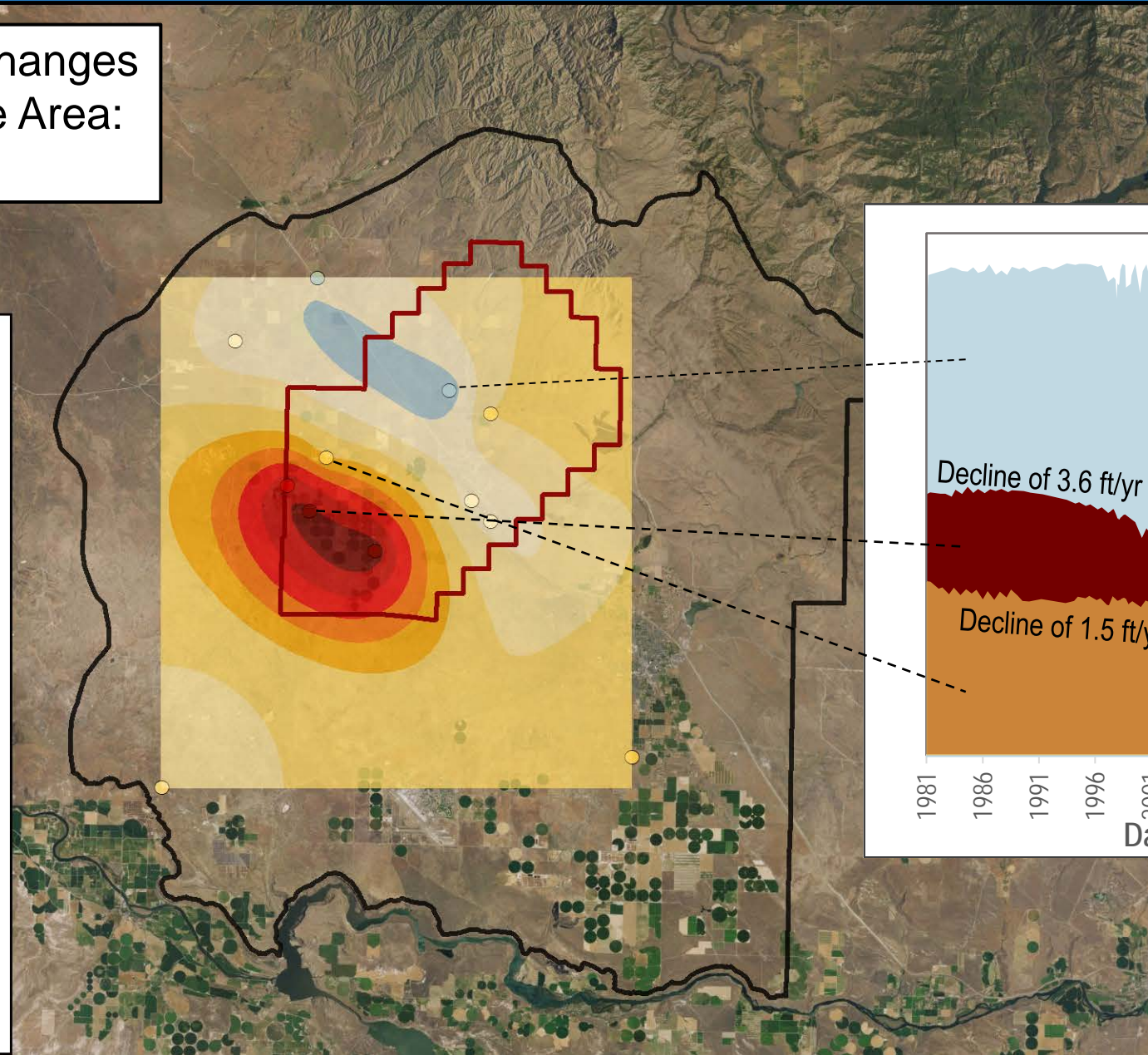
 Declines 40 to 60

 Declines 20 to 40

 Declines 0 to 20

 Gains 0 to 20

 Monitoring Well (with
associated water level change
using above scale)



Mountain Home Hydrologic Investigation Overview

- In May 2021, Elmore County requested that the IWRB authorize and fund expansion of the Treasure Valley model to include the Mountain Home Plateau
- In January 2022, the IWRB authorized funds to initiate a hydrologic investigation on the Mountain Home Plateau
- The objective of this project is to collect the necessary hydrologic data needed to develop a groundwater model

Elmore County Request to
Expand the Treasure Valley
Groundwater Model to the
Mountain Home Plateau

IDAHO WATER RESOURCE BOARD

MAY 21, 2021

TERRY SCANLAN, P.E., P.G.
SPF WATER ENGINEERING, LLC

Mountain Home Hydrologic Investigation: Project Components

Item	Agency Lead	Estimate
Hydrogeologic Framework	USGS	\$145,500*
Water Budget	USGS	\$85,500*
Drilling	IDWR	\$350,000
Water Level synoptic	USGS	\$70,000
Network improvements (instruments, tubing, etc.)	IDWR	\$49,000
TOTAL		\$700,000

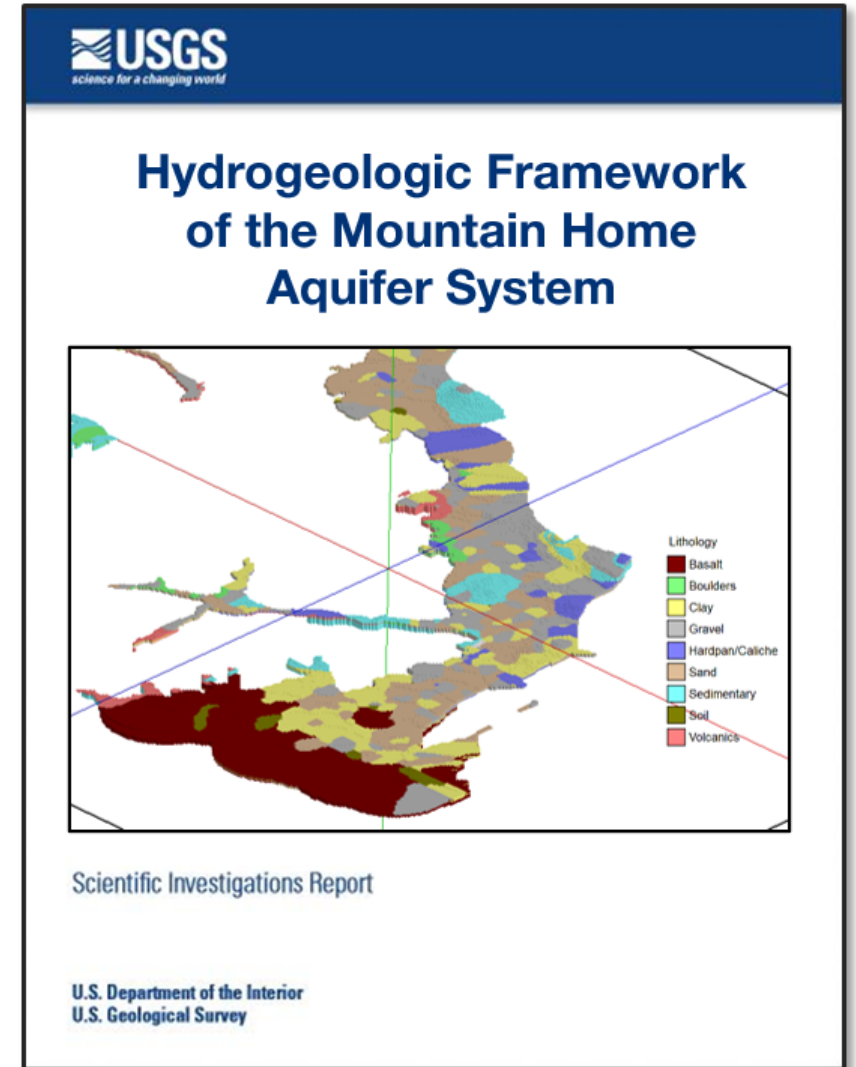
*This number reflects IWRB's portion (60% of total). USGS has provided the other 40% of funding (\$153,880).

Hydrogeologic Framework

- JFA signed February 2022
- Compile information from well logs, existing reports, etc.
- Develop a conceptual hydrogeologic framework
 - Identifies and describes major hydrogeologic units
- Build a 3-dimensional model of the hydrogeologic units
- USGS to publish report describing the framework



Lauren Zinsser, USGS



Water Budget

- JFA signed February 2022
- Develop an aquifer budget for an average year
- Estimate inflows, outflows, and change in storage
- Publish a USGS report describing the groundwater budget
- IDWR GIS staff have begun developing irrigated lands coverage and ET data processing



Lauren Zinsser, USGS



Groundwater Budget for the Mountain Home Aquifer System



Scientific Investigations Report

U.S. Department of the Interior
U.S. Geological Survey



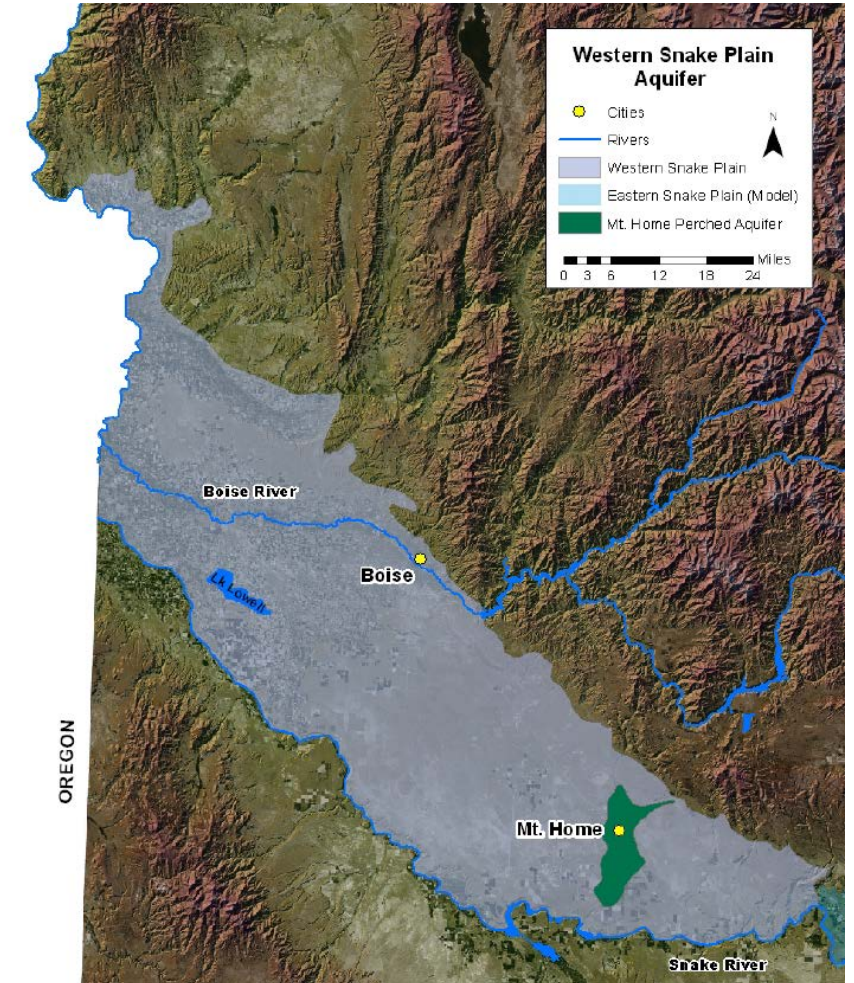
Well Drilling

- IDWR to identify locations to add monitoring wells
- Add 3-4 wells to network
 - (2-3 deep, 1 shallow)
- Instrument wells with data loggers
- IDWR plans to initiate the RFP process in late 2022



Groundwater Level Synoptic

- Paired spring/fall mass measurement events
- Data collected will aid in model calibration
- Help to delineate the extent of the perched aquifer
- JFA needs to be developed with the USGS
 - Planning to target 2023 or 2024



Monitoring Network Improvements



Work will be completed as needed/identified

Project Timeline

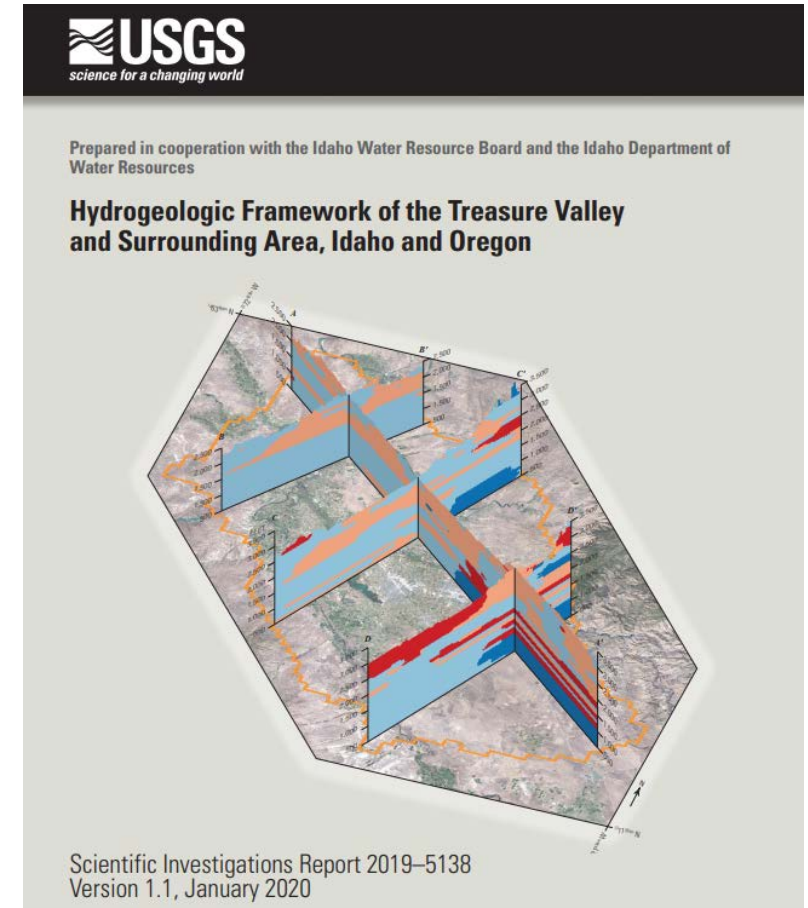
	2022	2023	2024	2025
Hydrogeologic Framework				
Water Budget				
Well Drilling				
Water Level Synoptic				
Network Improvements				

Model construction estimated to begin early 2026

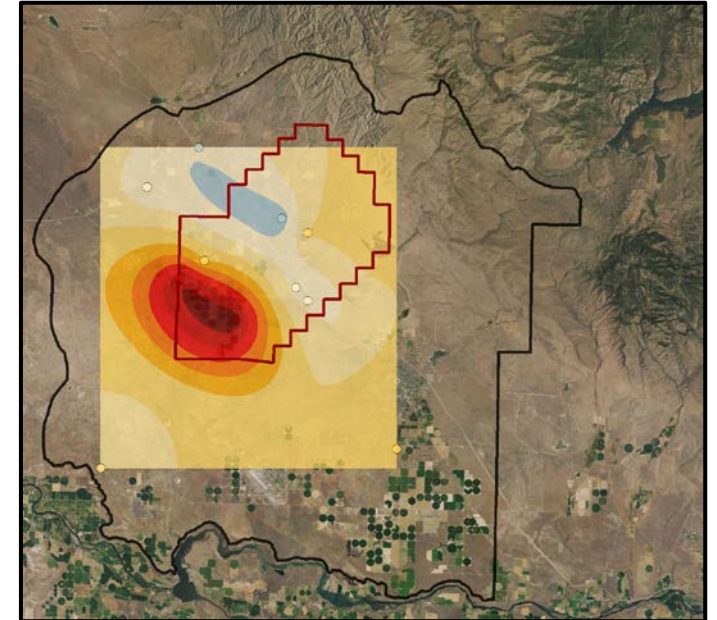
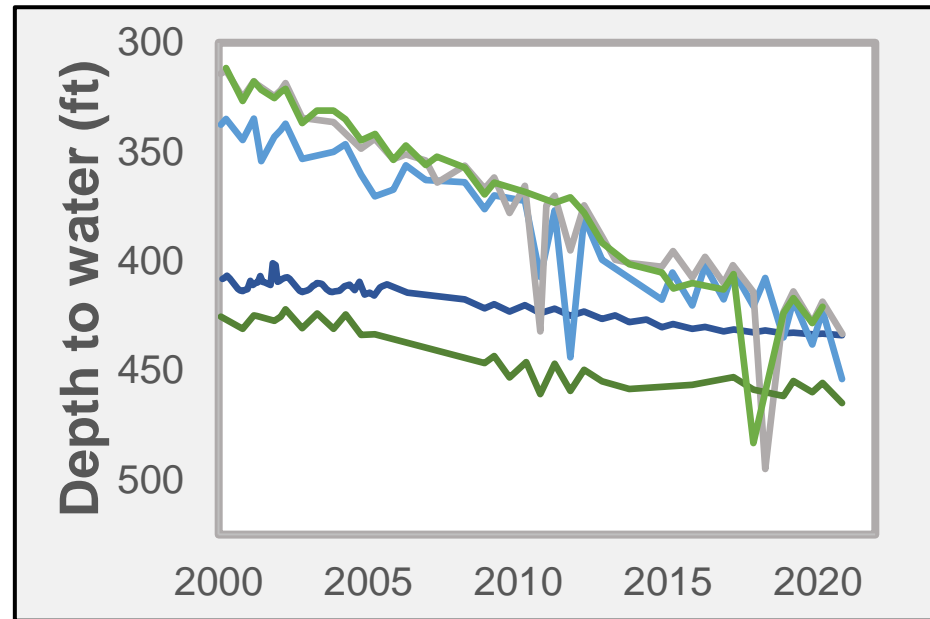
Treasure Valley Model Update

Nearing finish line on initial model development

- August 2022 - Anticipate model calibration complete
- September 2022 – Final MTAC meeting to gather stakeholder input
- December 2022 – Agreement with USGS complete and final documentation published



Questions?



IDAHO DEPARTMENT OF
WATER RESOURCES

Memorandum



To: Idaho Water Resource Board
From: Remington Buyer, Cynthia Bridge Clark
Date: July 12, 2022
Re: Anderson Ranch Dam Raise

REQUIRED ACTION: No action required.

The Idaho Water Resource Board (IWRB) partnered with the U.S. Bureau of Reclamation (Reclamation) to complete a feasibility study of new surface water storage options on the Boise River. Reclamation issued the Final Feasibility Study and Draft Environmental Impact Statement (DEIS) in 2020 which recommended a 6-foot raise of the Anderson Ranch Dam (project) and approximately 29,000 acre-feet of new storage space. The recommended plan was deemed feasible by the Secretary of Interior in December 2020 which met required deadline for authorization under the Water Infrastructure Improvements for the Nation Act (WIIN Act). Fiscal Year 2021 Appropriations legislation secured \$12.88 Million in WIIN Act funding as the federal cost share for completion of the Feasibility Study, environmental compliance, and construction.

The WIIN Act also required an agreement between Reclamation and a partner capable of funding the non-federal share of the project costs through construction and initiation of construction or final design activities prior to December 16, 2021. On November 19, 2021, the IWRB passed a resolution authorizing execution of a cost-share agreement (contract) between Reclamation and the IWRB to continue development of the Anderson Ranch Dam Raise through construction. The contract was executed on November 19, 2020 and Reclamation initiated dam raise design activities. The Anderson Ranch Dam Raise project met the December 16, 2021 WIIN Act construction initiation deadline.

Current Activities

- IWRB staff continues to coordinate with Reclamation and provide support where appropriate. This includes use of the Boise River water right accounting model as it may pertain to Reclamation's hydrologic analysis and the IWRB's water right application 63-34753. IWRB staff will provide support for the Rim projects by coordinating with stakeholders as needed. Staff is also tracking post-feasibility study design work in anticipation of an update to the spillway design, potential reservoir elevation restriction and mitigation during construction, and updated project costs in fall 2022.

Reclamation will provide an update on project activities at the July 21, 2022 IWRB meeting. A briefing letter from Reclamation and copy of its preliminary project development schedule are attached.

ATTACHMENTS

- Boise River Basin Feasibility Study / Anderson Ranch Dam Raise Status Update Letter from USBOR to IWRB (dated July 12, 2022)



United States Department of the Interior

BUREAU OF RECLAMATION

Snake River Area Office

230 Collins Road

Boise, ID 83702-4520



IN REPLY REFER TO:

SRA-1308

2.2.4.21

VIA ELECTRONIC MAIL ONLY

Mr. Jeff Raybould
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 / Anderson Ranch Dam Raise Status Update,
Boise Project, Idaho

Dear Mr. Raybould and Ms. Paquin:

This status update is being sent in preparation for the Idaho Water Resource Board (IWRB) meeting on July 21, 2022.

The IWRB and the Bureau of Reclamation partnered to complete a feasibility study of new surface water storage opportunities in the Boise River Basin (Study). Authorized under Water Infrastructure Improvements for the Nation (WIIN) Act of 2016, the Study focused on a 6-foot raise of Anderson Ranch Dam in Idaho, to achieve approximately 29,000 acre-feet of new water storage.

Current Status

Recent project activities include:

- Reclamation's Survey, Geology and Drill Crew have begun field explorations.
- Reclamation surveyors conducted ground-based LiDAR scan of the proposed detour route HD-131 (Cow Creek Road).
- Reclamation completed the spillway overlay feasibility-level design and continues to refine the estimated construction schedule.

- Reclamation conducted a risk neutrality and construction risk analysis workshop and is currently preparing the associated technical report of findings and decision document that is provided to the Dam Safety Advisory Team for their review and concurrence.
- Reclamation is securing survey services for the rim project designs.

Ongoing project activities include:

- Reclamation is working on preliminary design activities for the reservoir rim projects.
- Reclamation continues proposed detour route design analysis, data collection, and stakeholder coordination.
- Reclamation and IWRB staff coordinating post-feasibility study activities for both the dam raise and reservoir rim projects.
- Standing monthly oversight team meetings between Reclamation and IWRB staff.

Completed 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 TSC completed feasibility-level design and cost estimates completed for Anderson Ranch Dam raise.
August 9, 2019	Reclamation published the Notice of Intent for an environmental impact statement (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 Draft EIS and Draft Feasibility Report.
October 30, 2020	Reclamation initiated formal Endangered Species Act consultation with National Oceanic and Atmospheric Administration National Marine Fisheries Service and submitted its biological assessment.
December 2020	The Secretary of the Interior determined the Study's recommended plan to be feasible in accordance with the WIIN Act.
December 2020	Reclamation transmitted the Final Feasibility Report to Congress.
December 2020	Fiscal Year 2021 Appropriations legislation secured \$12.88 million in WIIN Act funding for completing the Study, environmental compliance, and construction.
May 2021	Initiated pause in environmental compliance process pending further development of final design.
July / August 2021	Reclamation's Columbia-Pacific Northwest Region requested delegation of authority and received approval from the Commissioner to negotiate, execute, and administer a cost-share agreement pursuant to section 4007 of the WIIN Act with the IWRB.
Sept. / Oct. 2021	Reclamation and IWRB completed cost-share contract negotiation sessions: Sept. 22, Oct. 5, Oct. 19, and Oct. 28.
November 2021	IWRB and Reclamation signed and executed cost-share contract. IWRB provided first interval payment of advanced funds. TSC initiated final design activities.
June 2022	Reclamation's Technical Service Center completed dam spillway overlay feasibility design and conducted risk neutrality and construction risk workshop.

Key Critical Path Milestones

Summer 2022	Complete risk neutrality and construction risk analysis process
Spring 2023	Complete dam raise 30% Design and Cost Estimate
Winter 2023/2024	Complete environmental compliance
Summer 2024	Complete final design

Thank you for this opportunity to provide an update on the Boise River Basin Feasibility Study / Anderson Ranch Dam Raise Project. If you have any questions, please contact me at (208) 378-5360 or via email at ckeith@usbr.gov.

Sincerely,

Chris Keith
Project Manager

MEMO



To: Idaho Water Resource Board

From: Kala Golden

Date: July 12, 2022

Subject: Boise Warm Springs Water District– New Water Project Loan Application

REQUESTED ACTION: Approve loan request of \$2,810,000

1.0 INTRODUCTION

Boise Warm Springs Water District (District) is requesting a new loan in the amount of \$2,810,000 from the Idaho Water Resource Board (IWRB) for a project to replace its geothermal system infrastructure (Project).

2.0 BACKGROUND

Located in Ada County, the District provides hot water to approximately 300 customers in the East End neighborhood of Boise, Idaho. The District's geothermal system has continuously operated since 1892 and is the oldest operational geothermal system in the United States. The District's geothermal system is one of several within the Boise area that draws water from the Boise Front Low-Temperature Geothermal Aquifer.

In 2019 Great West Engineering (GWE) completed a hydrologic model of the District's geothermal distribution system. The study aimed to determine the current maximum system demand and estimated water losses due to aging infrastructure. The hydrologic analysis determined that pipelines are losing between 8% and 17% of the water pumped each year, equating to an estimated 20-43 million gallons of geothermal water lost each year. The current system is beginning to fail at an increasing rate and will need to be replaced to ensure it remains operational in the long term.

3.0 PRIOR LOANS

The District has not previously held a loan with the Board.

4.0 PROPOSED PROJECT

GWE completed a feasibility of the project to replace several thousand feet of geothermal mainlines along Warm Springs Avenue in Boise. The proposed Project would replace badly deteriorated 12-inch mainline with 4,100 feet of new geothermal High-Density-Polyethylene (HDPE), 830 feet of 10-inch mainline, and includes the installation of 2-inch looping, surface restoration (roads/sidewalks), gate valve replacement, and connections for existing services.

5.0 BENEFITS

The proposed Project will replace deteriorated infrastructure within the District's service area, reducing water losses, and ensuring the long-term viability of the nation's oldest geothermal system.

6.0 FINANCIAL ANALYSIS

The total Project costs are estimated to be \$3,097,000. The District will contribute \$287,000 and is requesting a loan from the IWRB in the amount of \$2,810,000 to cover the remaining estimated project costs. The District is requesting a 20-year term on the loan and has no other outstanding debts.

The District applied for grant funding from the Bureau of Reclamation however, as of the date of this request, it has not yet received a notice of award determination. Project funding opportunities were determined to be limited due to eligibility, as geothermal does not fit within the most common water projects eligibility categories of drinking water/wastewater, irrigation, or environmental.

The District has also applied for grant funding under the IWRB's Aging Infrastructure Grants program. If awarded funding, the District intends to apply grant funds towards project costs, and reduce the amount distributed from the loan.

The District's current annual income averages approximately \$307,000 and includes shareholder assessments that vary between \$424-\$2,171 based on the size of the orifice for each connection. In November of 2020, the District passed a revenue bond in the amount of \$3,142,000 to support project costs. The bond passed with a 92.6% voter approval.

The District's loan application was received by staff on June 8, 2022. As this project addresses aging infrastructure repair, the District is eligible for a reduced rate incentive. The second quarter federal prime rate on April 1 was 3.5%. Based on the IWRB's current approved criteria, the following analysis reflects a loan interest rate of 2.45%, 70% of the federal prime rate on April 1, 2022.

Payment Analysis

Term (Years)	3-Year Average Annual Income	3-Year Average Cash on Hand	Estimated Annual Payment	Current (Avg) Assessments Cost/Connection/Year	New (Avg) Assessments Cost/Connection/Year
20	\$307,000	\$563,300	\$180,000	\$1,210.75	\$1,800

6.0 WATER RIGHTS

WATER RIGHT	SOURCE	Diversion Rate (CFS)	PRIORITY DATE
63-9160	Groundwater	4.000	06/27/1978
63-5073	Groundwater	5.100	11/05/1894

7.0 SECURITY

As collateral for the loan, the Board is authorized to hold lien against the District's shareholder assessments.

8.0 CONCLUSION AND RECOMMENDATION

This loan will be used to repair the District's geothermal system, now more than a century old. Boise Warm Springs Water District is a qualified applicant, and the project for which the District has proposed is consistent with the goals of the Board as identified within the Idaho State Water Plan. Staff recommend approval of the loan request, for the total amount of \$2,810,000.

Attachments: BWSWD Loan Application, BWSWD Map

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE BOISE WARM SPRINGS
WATER DISTRICT LOAN REQUEST

RESOLUTION TO AUTHORIZE LOAN FUNDING
FOR REPAIR OF GEOTHERMAL SYSTEM

1 WHEREAS, the Boise Warm Springs Water District (District) submitted a loan application to the
2 Idaho Water Resource Board (IWRB) in the amount of \$2,810,000.00 to cover costs for a project to
3 repair its geothermal system (Project); and
4

5 WHEREAS, the District, located in Ada County, delivers hot water for approximately 300
6 customers in Boise, Idaho; and
7

8 WHEREAS, the District's geothermal system has been continuously in operation since 1892, and
9 is the oldest operational geothermal system in the United States; and
10

11 WHEREAS, the District contracted with Great West Engineering (GWE) to conduct an analysis of
12 its system, that determined there to be an estimated 8-17% in water losses and increasing risk of system
13 failure due to aging infrastructure; and
14

15 WHEREAS, several the components of the geothermal system will need to be replaced to reduce
16 water losses and ensure the long term viability of the system; and
17

18 WHEREAS, total project costs are estimated to be \$3,097,000, of which the District will cover
19 \$287,000, and is requesting a loan in the amount of \$2,810,000 from the IWRB to cover the remaining
20 project costs; and
21

22 WHEREAS, in November of 2020, the District passed a bond election in the amount of
23 \$3,142,000 approving funding for the Project; and
24

25 WHEREAS, the District is a qualified applicant, and the proposed Project is eligible for a loan
26 from the IWRB's Revolving Development Account; and
27

28 WHEREAS, the proposed Project is in the public interest and is in compliance with the State
29 Water Plan.
30

31 NOW THEREFORE BE IT RESOLVED that the IWRB approves a loan not to exceed \$2,810,000
32 from the Revolving Development Account at 2.45% interest with a 20-year repayment term.
33

34 NOW THEREFORE BE IT FURTHER RESOLVED that the IWRB provides authority to the Chairman
35 of the IWRB, or his designee, to enter into contracts, to effectuate the loan, on behalf of the IWRB.

DATED this 22nd day of July 2022.

JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST _____
JO ANN COLE-HANSEN, Secretary

Resolution No. _____

Page 2



IDAHO WATER RESOURCE BOARD

322 East Front Street, Statehouse Mail

Boise, Idaho 83720

Tel: (208) 287-4800

FAX: (208) 287-6700



**APPLICATION FOR FINANCIAL ASSISTANCE FOR NON-POTABLE WATER SYSTEM
CONSTRUCTION PROJECT**

Answer the following questions and provide the requested material as directed. All pertinent information provided. Additional information may be requested by the Idaho Water Resource Board (IWRB) depending on the scope of the project and amount of funding requested. For larger funding amounts an L.I.D. may be required.

Incomplete documents will be returned and no further action taken will be taken by IWRB staff. All paperwork must be in twenty eight (28) working days prior to the next bi-monthly Board meeting.

Board meeting agendas can be found at: <http://www.idwr.idaho.gov/waterboard/>

I. Prepare and attach a "Loan Application Document".

The Loan Application Document requirements are outlined in the Water Project Loan Program Guidelines. The guidelines can be found at:

<http://www.idwr.idaho.gov/waterboard/Financial%20program/financial.htm>.

You can also obtain a copy by contacting IWRB staff.

II. General Information:

A. Type of organization: (Check box)

- ☐ Irrigation District
☐ Canal/Irrigation Company
☐ Lateral Association
☐ Flood Control District
☐ Homeowners Association

- ☐ Water User's Association
☐ Municipality
☐ Reservoir Company
☒ Other

Explain: Geothermal Heating

Boise Warm Springs Water District

Organization name

2440 Old Penitentiary Rd

PO Box/Street Address

Boise, ID 83712

City, County, State, Zip Code

Project location legal description 3N2E12

Annicka Richardson, Bookkeeper

Name and title of Contact Person

208-342-3162

Contact telephone number

Acct@bwswd.com

e-mail address

B. Is your organization registered with the Idaho Secretary of State's office? Yes ☒ No ☐

C. Purpose of this loan application.

- ☐ New Project
☒ Rehabilitation or replacement of existing facility
☐ DEQ requirement
☐ Other: _____

D. Briefly describe the project:

Replacement of main pipeline supplying geothermal water for heating

III. WATER SYSTEM:

A. Source of water:

- ☐ Stream ☒ Groundwater
☐ Reservoir ☐ Other

B. Water Right Numbers:

Water Right	Stage	Priority Date	Source	Amount
63-5073	Decreed	11/05/1894	Groundwater	5.1 cfs, 1039 AFA
63-9160	Permit	06/27/1978	Groundwater	4 cfs

Note: Stage refers to how the water right was issued. (License, Decree, or Permit)

C. If irrigation/lateral system:

Number of acres served: _____
Number of shareholders served _____
Water provided annually (acre-feet) _____

D. If flood control system, drainage system, groundwater recharge, or other type of system:

Number of acres within District or service area: 10.38 acres
Number of people within District or service area: 306

E. If an Association/Municipality the number of residences served by the system:

Number of residences served: 306
Number of hookups possible: 350

IV. USER RATES:

A. How does your organization charge users rates?

- ☐ Per acre ☒ Per hook up
☐ Per share ☐ Tax assessment

Explain what a share is: _____

☐ Other, explain _____

B. Current rate? \$ Avg. \$1058.71 per Year
(Share, hook-up, month, year, etc.)

C. When was the last rate change? November 2021 (month/year)

D. Does your organization measure water use? Yes ☒ No ☐

If yes, explain how: Flow Meters

E. Does your organization have a regular assessment for a reserve fund? Yes ☐ No ☒

If yes, explain how it is assessed:

F. Does your organization have an assessment for some future special need? Yes ☐ No ☒

If yes, explain for what purpose and how it is assessed:

V. PROPOSED METHOD FOR REVENUE FOR REPAYMENT OF LOAN

How will you plan to assess for the annual loan payments?

Check revenue sources below:

☐ Tax Levies

☐ Capital Improvement Reserve Account or Sinking Fund

☒ User Fees and Tap/Hookup Fees

☐ Other (explain) _____

Will an increase in assessment be required? Yes ☒ No ☐

When will new assessments start and how long will they last?

November 2022, indefinitely

VI. SECUREMENT OF LOAN

List all land, buildings, waterworks, reserve funds, and equipment with estimated value that will be used as collateral for the loan:

Property	Estimated Value
----------	-----------------

<u>Land owned by District</u>	<u>\$1,520,000</u>
-------------------------------	--------------------

<u>Pump house</u>	<u>\$491,929</u>
-------------------	------------------

For property Securement, attach a legal description of the property being offered along with a map referencing the property.

VII. FINANCIAL INFORMATION:

A. Attach a copy of each of the last 3 year's financial statement. **(Copies must be attached)**

B. Reserve fund (current) \$466,379.75

C. Cash on hand \$601,901.86

D. Outstanding indebtedness:

To Whom	Annual Payment	Amt. Outstanding	Years Left
No Current Debts			

E. What other sources of funding have been explored to fund the project? (example: NRCS, USDA Rural Development, Banks, Local Government, etc.)

VIII. ORGANIZATION APPROVAL:

Is a vote of the shareholders, members, etc. required for loan acquisition? Yes ☒ No ☐

If yes, a record of the vote must be attached.

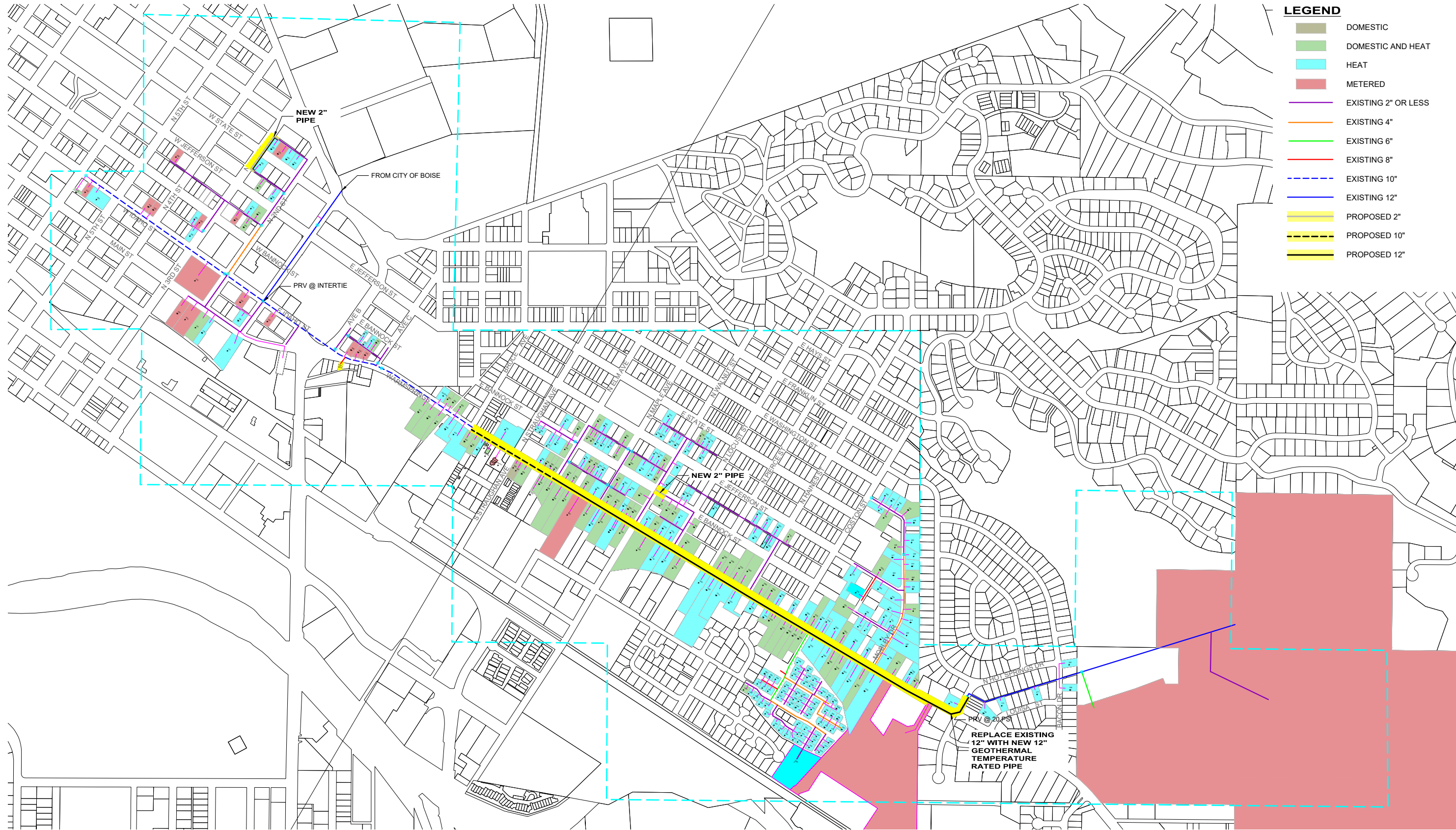
Amount of funds requested: \$3,097,000

By signing this document you verify that all information provided is correct and the document is filled out to the best of your ability.

Authorized signature & date:

Pat Miron 6/18/22

M:\4-18137-Boise Warm Springs Water District\CADD 4-18137\Exhibits\4-18137-Geothermal-Exhibit-Alt 1.dwg



0 400 800
SCALE IN FEET



ALTERNATIVE P. 1
12" MAIN REPLACEMENT W/ 12" MAIN
AND 10" REPLACEMENT W/ 10" MAIN
BOISE WARM SPRINGS WATER SYSTEM



AGENDA

IDAHO WATER RESOURCE BOARD

Board Meeting No. 7-22

Friday, July 22, 2022

Executive Session 8:00 a.m. (MT)

Open Session 9:00 a.m. (MT)

Hampton Inn

Cottonwood A Meeting Room

3175 Foothills Ave.

Mountain Home

Board Members & the Public may participate via Zoom

[Click here to join our Zoom Meeting](#)

Dial in Option: 1(253) 215-8782

Meeting ID: 886 3314 9400 Passcode: 200369

Brad Little
Governor

Jeff Raybould
Chairman
St. Anthony
At Large

Roger W. Chase
Vice-Chairman
Pocatello
District 4

Jo Ann Cole-Hansen
Secretary
Lewiston
At Large

Dale Van Stone
Hope
District 1

Albert Barker
Boise
District 2

Dean Stevenson
Paul
District 3

Peter Van Der Meulen
Hailey
At Large

Brian Olmstead
Twin Falls
At Large

1. Roll Call
2. Executive Session: Board will meet pursuant to Idaho Code § 74-206(1) subsection (f) 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 Topics: ESPA Upper Valley Recharge Water Rights and Priest Lake Outlet Dam, and subsection (d) to consider records that are exempt from disclosure Topic: Priest Lake Adjudication Claims. Closed to the public; no actions taken during executive.
3. Agenda & Approval of Minutes 5-22 and 6-22*
4. Public Comment
5. Lemhi Settlement Update
6. Financial Report
7. ARPA Funding Update
8. Flood Management Grant Awards*
9. ESPA Recharge Water Rights*
10. Water Supply Bank*
11. Boise Warm Springs Water District Loan*
12. Director's Report
13. Non-Action Items for Discussion
14. Next Meeting & Adjourn

* Action Item: A vote regarding this item may be made this meeting. Identifying an item as an action item on the agenda does not require a vote to be taken on the item. **Americans with Disabilities:** 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 or by phone at (208) 287-4800.



IDAHO WATER RESOURCE BOARD

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District 3

Peter Van Der Meulen
Hailey
At Large

Brian Olmstead
Twin Falls
At Large

MINUTES MEETING NO. 5-22

Hampton Inn
Conference Room
2701 Nez Perce Dr.
LEWISTON

May 19, 2022
Work Session

Agenda Item No. 1: Roll Call

Chairman Raybould called the work session meeting to order at 9:07 AM (PT) in Lewiston, Idaho. Board members present were Al Barker, Jo Ann Cole-Hansen, Brian Olmstead, Dean Stevenson, Dale Van Stone, and Chairman Raybould; online were Roger Chase and Pete Van Der Meulen.

IDWR staff members present were: Brian Patton, Cynthia Bridge Clark, Neeley Miller, Mathew Weaver, Daniel Sturgis, Neal Farmer, Shelley Keen, Michelle Richman, and Jennifer Strange; and online were John Loffredo, Mary Condon, Mike Morrison, Steve Stuebner, Meghan Carter, Craig Tesch, Josh Morell, and Adam Frederick.

Guests present were: Paul Kimmell, Lanie Paquin, Robin Nimmer, Michael Tuell, Bryan Horsburgh, Barney Metz, Cara Haley, Jerry Klemm, John Williams, Randy Broesch, Jean Johnson, Dan Johnson, Kresta Davis, Scott Pugrud, and John Simpson. Online: Kurt Newbry, H. Ridgeway, Seema Aziz-Hall, Cianna Wyshnytzky, Zach Hall, Captain Gillette, Kyle Radek, David Keil, Chris Keith, William Krafcheck, Celine Acord, Ashley Sadorra, Michael Fuss, Miranda Brannon, Robert Newbry, Marty Anderson, Adam Duckett, Ann Vonde, Dylan Lawrence, Elizabeth Bradley, Kathleen Cronin, Mitch Silvers, TJ Budge, Trace Giles, Kira Finkler, Matt Howard, Cory Baune, Dan Stanaway, Beau Gunter, Allison Lebeda, and T. Alleman.

Agenda Item No. 2: Anderson Ranch Dam Raise Update

Ms. Lanie Paquin discussed updates on the Anderson Ranch Dam Raise project.

Agenda Item No. 3: MHAFB Water Sustainability Project Update

Mr. Mike Morrison provided updates on the MHAFB project. He introduced Ms. Seema Aziz-Hall of the SAF/IEE.

Agenda Item No. 4a: Reynolds Creek Irrigation District Loan

Ms. Kala Golden provided details on a loan request for the Reynolds Irrigation District.

Agenda Item No. 4b: Delmore Canal Company Loan

Ms. Kala Golden provided details on a loan request for the Delmore Canal Company.

Agenda Item No. 4c: Blaine County Canal Company Loan

Ms. Kala Golden provided details on an increase on an existing loan for Blaine County Canal Company.

Agenda Item No. 5: Criteria for Aging Infrastructure & Water Sustainability Projects Update

Mr. Neeley Miller discussed the steps for compiling public comments on criteria for aging infrastructure and water sustainability projects. There was discussion about an upcoming special board meeting to present the findings.

Agenda Item No. 6: PBAC Update

Mr. Paul Kimmell and Ms. Robin Nimmer provided a report on the Palouse Basin Aquifer Committee's efforts to ensure a long-term, quality water supply for that basin.

Agenda Item No. 7: Update on Status of Northern Idaho Aquifers

Mr. Daniel Sturgis provided an update on groundwater conditions in the Northern Region.

Agenda Item No. 8: Dworshak Small Hydropower Project

Mr. Brian Patton provided history and information on the Dworshak Small Hydropower Project. He also discussed the Governor's Salmon Workgroup. Michael Tuell with the Nez Perce Tribe discussed fish hatcheries and a potential pipeline.

Agenda Item No. 9: Non-Action Items for Discussion

There were no other items for discussion from the board members. Director Spackman mentioned a letter from the BOR.

Agenda Item No. 10: Adjourn

Mr. Van Stone moved to adjourn. Mr. Barker seconded. Voice vote: all ayes. Motion carried. The meeting adjourned at noon. The board members attended a field trip of the Dworshak Facilities.

May 20, 2022
Board Meeting No. 5-22

At 8:00 AM (PT) Chairman Raybould called the meeting to order.

Agenda Item No. 1: Roll Call

Board Members Present

Jeff Raybould, Chairman

Jo Ann Cole-Hansen, Secretary
Albert Barker
Dale Van Stone
Brian Olmstead
Dean Stevenson
Board Members Present Online
Roger Chase, Vice-Chairman
Pete Van Der Meulen

Staff Members Present

Mathew Weaver, Deputy Director
Neeley Miller
Jennifer Strange
Shelley Keen

Brian Patton, Executive Officer
Cynthia Bride Clark
Neal Farmer
Michelle Richman

Staff Members Present Online

Steve Stuebner
Mary Condon
Adam Frederickson
Evan Roda
Wesley Hipke

Kala Golden
John Loffredo
Kara Ferguson
Meghan Carter

Guests Present

John Williams
Doug Zenner
Kresta Davis
Scott Pugrud
Lynn Rasmussen
Bobby Hills

Dan Johnson
Jerry Klemm
John Simpson
Tom Points
Barney Metz

Guests Present Online

Bert Stevenson
Rory Pancheri
Ann Vonde
Clay Hickey
TJ Budge
Matthew Smith

Kurt Newbry
Mitch Silvers
Clive Strong
Allison Lebeda
Michael Fuss

Agenda Item No. 2: Agenda and Approval of Minutes 4-22

Ms. Cole-Hansen moved to adopt the minutes for board meeting 4-22. Mr. Barker seconded. Voice vote.
All ayes. The motion carried.

Agenda Item No. 3: Public Comment

Chairman Raybould asked if there were any public comments.

Dan Johnson, Mayor of Lewiston, shared concerns about declining aquifer levels in the region and requested support for the Clearwater exchange project.

Nez Perce County Commissioner Doug Zenner appreciated support for a jointly funded project and shared a video of a completed project. He also expressed support the Lower Clearwater Exchange Project.

Barney Metz, general manager of Lewiston Orchards Irrigation District, had comments about the state of the water supply.

Bobby Hills with the Nez Perce Tribe

Agenda Item No. 4: Lemhi Settlement Update

Mr. Clive Strong gave an update on the comprehensive settlement implementation for the Lemhi Basin.

Agenda Item No. 5: Financial Report

Mr. Neeley Miller provided the Board's financial report. The accounts as of March 31, 2022 were: Secondary Aquifer Fund: committed/earmarked but not disbursed \$19,707,998 and uncommitted balance

\$8,648,417; Revolving Development Account: committed/earmarked but not disbursed \$19,631,515, loan principal outstanding \$16,846,998, uncommitted balance \$16,630,679, and anticipated loanable funds available next one year \$20,130,679; and Water Management Account: committed/earmarked but not disbursed \$71,071,018, and uncommitted balance \$170,673. Total committed/earmarked but not disbursed \$110,410,531; total loan principal outstanding \$16,846,998; and total uncommitted balance \$25,449,769.

Agenda Item No. 6: Secondary Aquifer Planning, Management, and Implementation Fund Budget FY2023

Mr. Neeley Miller stated that the Finance Committee met on May 12th and recommended adoption of the proposed budget for the Secondary Aquifer Planning, Management, and Implementation Fund Budget FY2023. He listed the funding amounts in the budget.

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

Agenda Item No. 7a: Reynolds Creek Irrigation District Loan

Ms. Kala Golden discussed a resolution to authorize funding a loan not to exceed \$225, 000 from the Revolving Development Account at 2.8% interest with a 5-year repayment term.

Mr. Barker moved to adopt the resolution. Mr. Van Stone seconded. Roll call vote: Mr. Barker, aye; Mr. Chase, aye; Ms. Cole-Hansen, aye; Mr. Olmstead, aye; Mr. Stevenson, aye; Mr. Van Der Meulen, absent from vote; Mr. Van Stone, aye; and Chairman Raybould, aye. 7 ayes. The motion passed.

Agenda Item No. 7b: Delmore Canal Company Loan

Ms. Kala Golden discussed a resolution to authorize funding a loan not to exceed \$1,500,000 from the Revolving Development Account at 3.5% interest with a 30-year repayment term.

Ms. Cole-Hansen moved to adopt the resolution. Mr. Barker seconded. Roll call vote: Mr. Barker, aye; Mr. Chase, aye; Ms. Cole-Hansen, aye; Mr. Olmstead, aye; Mr. Stevenson, aye; Mr. Van Der Meulen, aye; Mr. Van Stone, aye; and Chairman Raybould, aye. 8 ayes. The motion passed.

Agenda Item No. 7c: Blaine County Canal Company Loan

Ms. Kala Golden discussed a resolution to authorize increased funding for a loan of \$250,000 to an amount not to exceed \$1,150,000 from the Revolving Development Account at 2.6% interest with a 15-year repayment term.

Mr. Barker moved to adopt the resolution with the mentioned edits. Ms. Cole-Hansen seconded. Roll call vote: Mr. Barker, aye; Mr. Chase, aye; Ms. Cole-Hansen, aye; Mr. Olmstead, aye; Mr. Stevenson, aye; Mr. Van Der Meulen, aye; Mr. Van Stone, aye; and Chairman Raybould, aye. 8 ayes. The motion passed.

Agenda Item No. 8: Cloud Seeding Program Authorizations

Ms. Kala Golden provided a resolution in the matter of cloud seeding in the State of Idaho to adopt criteria for the authorization of cloud seeding programs. There was some discussion. Ms. Kresta Davis of the Idaho Power Company asked about the insurance requirements.

Mr. Olmstead moved to adopt the resolution. Mr. Van Stone seconded. Roll call vote: Mr. Barker, aye; Mr. Chase, aye; Ms. Cole-Hansen, aye; Mr. Olmstead, aye; Mr. Stevenson, aye; Mr. Van Der Meulen, aye; Mr. Van Stone, aye; and Chairman Raybould, aye. 8 ayes. The motion passed.

Agenda Item No. 9: Upper Snake Rental Pool

Mr. Patton introduced a resolution to adopt amended Upper Snake River Rental Pool procedures. Deputy Director Mat Weaver shared that Director Spackman supported the amended procedures. Chairman Raybould discussed the changes that were made.

Mr. Stevenson moved to adopt the resolution. Mr. Van Stone seconded. Voice vote. All ayes. Motion carried.

After a break, the board resumed and added another set of public comments. Ms. Lynn Rasmussen shared appreciation for board assistance on a local project.

Agenda Item No. 10: Adjudications Update

Mr. Shelley Keen provided an update on the adjudication programs across the state. He spoke about Northern Idaho Adjudications (three phases), Bear River Basin Adjudication, and Snake River Basin Adjudication

Agenda Item No. 11: Regional Manager's Update

Mr. Shelley Keen introduced the Northern Region manager. Ms. Michelle Richman discussed current projects and challenges for the Northern Region.

Agenda Item No. 12: Director's Report

Deputy Director Mathew Weaver gave the director's report. He provided updates on the following topics: update on Northern region, Basin 37 moratorium order, Swan Falls implementation group, SWC/IGWA settlement agreement, and combined Snake and Portneuf Rivers priority administration.

Agenda Item No. 13: Non-Action Items for Discussion

Ms. Cole-Hansen stated that the June 2nd Finance Committee meeting would be cancelled. A special board meeting will be held instead on June 7th.

Agenda Item No. 14: Next Meeting and Adjourn

Mr. Patton stated the next scheduled meetings would be July 21-22, 2022 in Mountain Home and via an online platform. Ms. Cole-Hansen moved to adjourn. Mr. Van Stone seconded. Voice vote. All ayes. Motion carried. Meeting adjourned at 11:30 AM (PT).

Respectfully submitted this 22nd day of July 2022.

Jo Ann Cole-Hansen, *Secretary*

Jennifer Strange, *Administrative Assistant II*

Board Actions:

1. Meeting minutes 4-22 were adopted.
2. Adopted a resolution in the matter statewide water sustainability and aquifer stabilization, and the secondary aquifer stabilization, and secondary aquifer planning, management, and implementation fund fiscal year 2023 budget.
3. Adopted a resolution in the matter of the Reynold's Irrigation District loan request.
4. Adopted a resolution in the matter of the Delmore Canal Company loan request.
5. Adopted a resolution in the matter of the Blaine County Canal loan request.
6. Adopted a resolution in the matter of cloud seeding in the State of Idaho.
7. Adopted a resolution in the matter of approval of amended rental pool procedures for the Upper Snake River rental pool.



IDAHO WATER RESOURCE BOARD

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Governor

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Chairman
St. Anthony
At Large

Roger W. Chase
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Pocatello
District 4

Jo Ann Cole-Hansen
Secretary
Lewiston
At Large

Dale Van Stone
Hope
District 1

Albert Barker
Boise
District 2

Dean Stevenson
Paul
District 3

Peter Van Der Meulen
Hailey
At Large

Brian Olmstead
Twin Falls
At Large

MINUTES MEETING NO. 6-22

Sun Valley Resort
Limelight Ballroom
1 Sun Valley Road
Sun Valley
and
Water Center
Conference Rooms 602 B / Zoom Online
322 E. Front St
BOISE

June 7, 2022

Agenda Item No. 1: Roll Call

Chairman Raybould called the special board meeting to order at 1:30 PM (MT) in Sun Valley, Idaho and online in Boise. Board members present were Al Barker, Jo Ann Cole-Hansen, Brian Olmstead, Dean Stevenson, and Chairman Raybould; online were Roger Chase, Dale Van Stone, and Pete Van Der Meulen (joined during Director's Comments).

IDWR staff members present were: Brian Patton, Gary Spackman, Cynthia Bridge Clark, and Neeley Miller; and online was Jennifer Strange, Steve Stuebner, Kala Golden, and Wesley Hipke.

Guests present were: Tom Points, Shawna Adams, Travis Thompson, Paul Arrington, and John Simpson. Online were: Dave Tuthill, Bryan Horsburgh, Matthew Smith, Braden Jensen, Scott King, Douglas Jones, Kira Finkler, Dylan Lawrence, and Roland Springer.

Chairman Raybould asked to amend the agenda to add Public Comment after Roll Call and to add Director's Report after Criteria for Regional Water Sustainability Projects. Mr. Barker made the motion to amend the agenda as requested. Mr. Stevenson seconded. Voice vote: all ayes. Motion carried.

Agenda Item No. 2: Public Comment

Chairman Raybould asked if there were any public comments. Mr. Tom Points from the City of Nampa addressed the board with comments about funding.

Agenda Item No. 3: Criteria for Aging Infrastructure Projects

In May the Finance Committee had requested a 30-day comment period related to criteria for aging infrastructure projects. Mr. Neeley Miller discussed each section of a red-line draft and highlighted where the public input was added. There was some discussion about federal funding additions and about a requirement for permits. Mr. Miller provided clarification. Mr. Olmstead suggested an addition to the draft related to excluding reservoir districts. Mr. Barker suggested that all entities who apply be notified, even if they do not get funding.

Mr. Barker moved to adopt the resolution accepting the criteria outlined for aging infrastructure projects with the edits and comments suggested. Ms. Cole-Hansen seconded. Roll call vote: Mr. Barker, aye; Mr. Chase, aye; Ms. Cole-Hansen, aye; Mr. Olmstead, aye; Mr. Stevenson, aye; Mr. Van Der Meulen, absent from the vote; Mr. Van Stone, aye; and Chairman Raybould, aye. 7 ayes. The motion passed.

Agenda Item No. 4: Criteria for Regional Water Sustainability Projects

Mr. Patton explained that the topic of criteria for regional water sustainability projects should be postponed for a later meeting.

Agenda Item No. 5: Director's Report

Director Spackman had two updates for the board. He discussed a license that was issued for permit through Bureau of Reclamation for Palisades Reservoir. He suggested that staff and the Committee of Nine may need to find some acceptable language for watermasters. He also described a lawsuit brought on IDWR and Director Spackman by the federal government on the stockwater rights issue.

Agenda Item No. 6: Non-Action Items for Discussion

There were no other items for discussion from the board members. Appreciation was expressed to Paul Arrington and the Idaho Water Users Association for the use of their conference room for the board meeting.

Agenda Item No. 7: Adjourn

Mr. Stevenson moved to adjourn. Mr. Chase seconded. Voice vote: all ayes. Motion carried. The meeting adjourned at 2:45 PM.

Respectfully submitted this 22nd day of July 2022.

Jo Ann Cole-Hansen, *Secretary*

Jennifer Strange, *Administrative Assistant II*

Board Actions:

Meeting Minutes 6-22
June 7, 2022

1. Amended agenda to add public comment and director's report.
2. Adopted a resolution to accept criteria for aging infrastructure projects.

Memorandum



To: Idaho Water Resource Board

From: Cynthia Bridge Clark

Date: July 12, 2022

Re: Lemhi Basin Comprehensive Settlement Implementation

REQUIRED ACTION: No action required

The Lemhi River Basin Comprehensive Settlement Agreement (Settlement), executed on February 24, 2022, sets forth a legal process for irrigators in the Lemhi River basin who divert high flow ancillary to their decreed water rights under a General Provision in the Snake River Basin to perfect a water right for their 'high-flow' use. Parties to the settlement include various Lemhi Basin water users, the Idaho Water Resource Board (IWRB), Idaho Department of Fish and Game, and Idaho Office of Species Conservation. Participation in the Settlement is voluntary and allows water users to continue to divert water under the General Provision if they do not choose to obtain a protectable a water right for high-flow use.

In March 2022, House Bill 749 (HB 749) was passed by the Idaho Legislature and signed by Governor Little, which codified the key terms of the Settlement. The Settlement generally provides for the following:

- Establishes a two-year period for Lemhi Basin irrigators to apply for and perfect water rights ancillary to their decreed irrigation rights to high-flow water to the extent of actual beneficial use. Beneficial use is described as stream flow maintenance.
- Authorizes and directs the IWRB to appropriate a minimum stream flow water right of 420 cfs on the Lemhi River at McFarland Campground. The purpose of this right is to provide periodic springtime flushing flows to improve spawning and rearing conditions for fish.
- Authorizes and directs the IWRB to appropriate and hold minimum stream flow water rights on Big Timber, Bohannon, Canyon, and Hayden Creeks to benefit Snake River Chinook and steelhead in the Lemhi Basin.
- Stipulates the terms for resolution of protested water right applications filed by farmers and ranchers to irrigate new land on Big Timber, Little Timber, Big Eightmile, and Mill Creeks.
- Commits the IWRB to investigate additional water management strategies in the Lemhi Basin including aquifer recharge, cloud seeding, and new storage reservoirs.

The Settlement and HB 749 contain additional provisions associated with the each of the terms and can be found on the IDWR website: idwr.idaho.gov/legal-actions/settlements/Lemhi-settlement.

Clive Strong, Norm Semanko and IDWR staff will provide an update at the July 22, 2022 IWRB meeting on activities associated with the implementation of the Settlement.

LEMHI RIVER BASIN COMPREHENSIVE SETTLEMENT IMPLEMENTATION

PROGRESS REPORT

PROJECTS	RECENT PROGRESS	UPCOMING WORK
Permit 74-16186 (Kurt Bird)	Case remanded back to IDWR for implementation of stipulation.	Amended permit will issue after transfer application is approved.
Application 74-16205 (Udy)	Draft permit and notice of settlement conf mailed on July 20, 2022.	Informal Settlement Conference scheduled for Aug 11, 2022.
Application 74-16186 (Foster)	Draft permit and notice of settlement conf mailed on July 20, 2022.	Informal Settlement Conference scheduled for Aug 11, 2022.
Application 74-16196 (Johnson)	Draft permit and notice of settlement conf mailed on July 20, 2022.	Informal Settlement Conference scheduled for Aug 11, 2022.
Application 74-74-16204 (Kent Bird)	Draft permit and notice of settlement conf mailed on July 20, 2022.	Informal Settlement Conference scheduled for Aug 11, 2022.
Application 74-16194 (Johnson)	Draft permit and notice of settlement conf mailed on July 20, 2022.	Informal Settlement Conference scheduled for Aug 11, 2022.
Application 74-16195 (Johnson)	Application withdrawn on July 20, 2022	No further action required.
Application 74-16185 (Whittaker)	Draft permit and notice of settlement conf mailed on July 20, 2022.	Informal Settlement Conference scheduled for Aug 11, 2022.
Application 74-16188 (Whittaker)	Draft permit and notice of settlement conf mailed on July 20, 2022.	Informal Settlement Conference scheduled for Aug 11, 2022.
Application 74-16189 (Whittaker)	Draft permit and notice of settlement conf mailed on July 20, 2022.	Informal Settlement Conference scheduled for Aug 11, 2022.
Application 74-16190 (Whittaker)	Draft permit and notice of settlement conf mailed on July 20, 2022.	Informal Settlement Conference scheduled for Aug 11, 2022.
Application 74-16191 (Whittaker)	Draft permit and notice of settlement conf mailed on July 20, 2022.	Informal Settlement Conference scheduled for Aug 11, 2022.
Application 74-16192 (Whittaker)	Draft permit and notice of settlement conf mailed on July 20, 2022.	Informal Settlement Conference scheduled for Aug 11, 2022.
Application 74-16193 (Whittaker)	Draft permit and notice of settlement conf mailed on July 20, 2022.	Informal Settlement Conference scheduled for Aug 11, 2022.
Stream Flow Maintenance Applications	Notice of opportunity to file applications with instructions will be noticed in the local newspaper. July 28, August 18, Sept 8. Notification letters will be mailed in August.	Salmon Basin Workshops are scheduled for Sept 14 & 15, 2022 in Salmon and Sept 15, 2022 in Leadore to assist water users in filing applications.
Application 74-16265 McFarland Campground Minimum Stream Flow Application	Application filed on July 1, 2022. Drafting protocol for exercise of water right.	Notice of filing of application will be published once a hearing officer is assigned and a hearing date is selected.
Application 74-16262	Application filed on July 1, 2022.	Notice of filing of application will be published once a hearing

Big Timber Creek Minimum Stream Flow Application		officer is assigned and a hearing date is selected.
Application 74-16261 Bohannon Creek Minimum Stream Flow Application	Application filed on July 1, 2022.	Notice of filing of application will be published once a hearing officer is assigned and a hearing date is selected.
Application 74-16264 Canyon Creek Minimum Stream Flow Application	Application filed on July 1, 2022.	Notice of filing of application will be published once a hearing officer is assigned and a hearing date is selected.
Application 74-16263 Hayden Creek Minimum Stream Flow Application	Application filed on July 1, 2022.	Notice of filing of application will be published once a hearing officer is assigned and a hearing date is selected.
Recharge Feasibility Study	Site/field investigations – October 2022	IWRB Staff will schedule field visits with local stakeholders to help scope feasibility study.
Cloud Seeding Feasibility Study	Cloud Seeding Basics and Lemhi Basin Feasibility Investigation presentation to Settlement Work Group - Tentative Dates October 13/14, 2022	Program options will be considered based on feasibility study results.
Water Storage Feasibility Study	Proposed site/field visits – October 2022	IWRB Staff will schedule field visits with local stakeholders to locate potential sites to help scope feasibility study.
Fish Screen Installation on Big Timber Creek	Mandatory condition included in pending Big Timber Applications.	
Steering Committee	Will be addressed after applications for stream flow maintenance water rights are filed.	
Computerized Accounting System	Will be addressed when need arises.	
Water Master Instructions	Will be addressed when applications are processed.	

Status as of July 22, 2022

Memorandum

To: Idaho Water Resource Board
From: Neeley Miller, Planning & Projects Bureau
Date: July 11, 2022
Re: Financial Status Report



As of **May 31, 2022** the IWRB's available and committed balances are as follows:

Secondary Aquifer Fund:

Committed/earmarked but not disbursed	\$16,482,233
Uncommitted Balance	\$10,463,708

Revolving Development Account:

Committed/earmarked but not disbursed	\$19,672,158
Loan principal outstanding	\$16,787,978
Uncommitted Balance	\$16,914,391
Anticipated loanable funds available next 1 year	\$20,414,391

Water Management Account

Committed/earmarked but not disbursed	\$71,104,865
Uncommitted Balance	\$171,932

Total committed/earmarked but not disbursed	\$107,259,256
Total loan principal outstanding	\$16,787,978
Total uncommitted balance	\$27,550,031

- The committed/earmarked balance in the Water Management Account includes the \$20M legislative appropriation per HB 285 (FY 2019) for the Anderson Reservoir Enlargement and/or Mountain Home Air Force Base Water Supply Project.
- The Water Management also includes \$50M for large infrastructure projects per Senate Bill 1121 (FY 2021) for the Anderson Ranch enlargement, Mountain Air Force Base Water Supply Project, ESPA Managed Aquifer Recharge Program, other projects identified by the IWRB.

Idaho Water Resource Board
Budget and Committed Funds
as of May 31, 2022

SECONDARY AQUIFER PLANNING, MANAGEMENT, & IMPLEMENTATION FUND

FYE 2021 Cash Balance..... 22,090,758.59

FY 2022 Revenue

Interest Earned State Treasury.....	79,220.13
HB547 - State Recharge & Aquifer Stabilization (SRAS).....	4,538,519.78
SB1190, Section 4 - Water Sustainability.....	5,000,000.00
Department of Energy Grant (\$928K) ESPA - 29871.....	479,300.00
Department of Energy Grant (\$1.14M) Big Lost - 29872.....	453,280.09
Department of Energy Grant (\$832K) Raft River - 29874.....	397,619.91
TOTAL FY 2022 REVENUE.....	10,947,939.91

FY 2022 Expenditures

SRAS Equipment & Supplies - FY 22.....	(56,271.65)
SRAS Conveyance Costs - FY 22.....	(1,247,568.27)
SRAS Site Monitoring - FY 22.....	(238,302.30)
SRAS Regional Monitoring - FY 22.....	(133,116.96)
Butte & Market Lake Canal Company (CON01462).....	(26,806.00)
Connect Engineering (CON01458).....	(9,685.00)
Egin Bench Canals Inc (CON01425).....	(30,472.81)
Enterprize Canal Company (CON01575).....	(70,000.00)
Quadrant Consulting Inc (CON01514, Large Upper Valley Study).....	(48,978.04)
Quadrant Consulting Inc (CON01527, MP31 Embankment Construction Oversight).....	(1,242.93)
The Ferguson Group (FY 2022 Budget).....	(88,321.29)
Steve Stuebner (FY 2022 Budget) - Media Services.....	(19,441.90)
Clive Strong (CON01470, CON01555).....	(60,036.35)
Parsons, Behle, and Latimer (CON01479).....	(27,969.22)
Centered Consulting International LLC (CON01578).....	(12,880.00)
Misc Costs for IWRB and staff, flowmeters.....	(87,428.60)
WS Hydrology Monitoring - FY 22.....	(173,896.95)
USGS - 6605 (Treasure Valley Modeling)	(159,296.47)
USGS - 22YEJFAMCZ11664 (Big Lost).....	(17,327.58)
USGS - 22YEJFA00111666 (Big Lost Streamgaging).....	(45,385.00)
USGS - 22YEJFAUN011668 (Mtn Home Plateau).....	(6,666.18)
University of Idaho (CON01285, Modeling).....	(19,063.62)
University of Idaho (CON01424, CON01427, CON01520, Raft River).....	(125,000.00)
Boise State University (CON01503).....	(71,424.54)
Department of Energy Grant expenditures (ESPA costs) 29871.....	(535,239.83)
Department of Energy Grant expenditures (Big Lost costs) 29872.....	(314,113.19)
Department of Energy Grant expenditures (Raft River costs) 29874.....	(396,201.67)
Boise State University - Cloudseeding (29860) (CON01394).....	(5,679.10)
Cryotoolbox LLC (CON01583).....	(17,500.00)
UCAR - Cloudseeding (CON01550).....	(77,098.27)
UCAR - Cloudseeding (CON01554).....	(164,705.53)
North American Weather Consultants (CON01574).....	(246,703.15)
Idaho Power Company (CON01579).....	(1,552,000.00)
OAC Professional Corporation (CON1580).....	(6,935.00)
TOTAL FY 2022 EXPENDITURES.....	(6,092,757.40)

FY 2022 Cash Balance..... 26,945,941.10

COMMITTED FUNDS THRU FY 2018	Budget	Amended	Obligated	Expenditures	Carry forward	Committed	
Mountain Home Air Force Base (PCA 29800).....	1,000,000.00	900,000.00	1,900,000.00	(1,204,626.65)		695,373.35	
Remaining Initial Funds.....	1,000,000.00	900,000.00	1,900,000.00	(1,204,626.65)	0.00	695,373.35	
ESPA Managed Recharge Infrastructure							
Butte Market Lake Recharge Well (CON01462).....	110,000.00		110,000.00	(110,000.00)		0.00	
Egin Lakes Recharge Project, Phase II (CON01225).....	500,000.00	80,000.00	580,000.00	(539,054.87)	(40,945.13)	0.00	
Total ESPA Managed Recharge Infrastructure.....	610,000.00	80,000.00	690,000.00	(649,054.87)	(40,945.13)	0.00	
STATEWIDE STUDIES & PROJECTS							
OTHER STATEWIDE STUDIES & PROJECTS							
Ground water conservation grants in priority aquifers (CON01205 & CON01223)....	200,000.00		200,000.00	(77,984.03)	(122,015.97)	0.00	
NRCS Snow Survey contribution USDA (CON01177).....	100,000.00	100,000.00	200,000.00	(150,000.00)		50,000.00	
Total Statewide Studies & Projects	300,000.00	100,000.00	400,000.00	(227,984.03)	(122,015.97)	50,000.00	
TOTAL COMMITTED FUNDS THRU FY 2018.....	1,910,000.00	1,080,000.00	2,990,000.00	(2,081,665.55)	(162,961.10)	745,373.35	Adjustments

FY 2020 BUDGET	Budget (as approved - May 2019)	Amendments	Budget (as amended)	Obligated	Expenditures	Carry forward	Committed
ESPA Managed Recharge Infrastructure							
Twin Falls Canal Company - Injection Wells.....	550,000.00		550,000.00	550,000.00		(372,000.00)	178,000.00
Total ESPA Managed Recharge Infrastructure.....	550,000.00	0.00	550,000.00	550,000.00	0.00	(372,000.00)	178,000.00
Managed Recharge Investigations							
Swan Highway Project Design (Connect Eng - CON01458)		100,000.00	100,000.00	100,000.00	(63,794.50)	(36,205.50)	0.00
Total Managed Recharge Investigations.....	0.00	100,000.00	100,000.00	100,000.00	(63,794.50)	(36,205.50)	0.00
ESPA Hydrologic Monitoring							
Hydrologic Monitoring (DOE - Year 2 of 3 = \$928K).....	310,000.00		310,000.00	310,000.00	(310,000.00)		0.00
ESPA Hydrologic Monitoring	310,000.00	0.00	310,000.00	310,000.00	(310,000.00)	0.00	0.00
TREASURE VALLEY							
Boise River Storage Studies.....		920,000.00	920,000.00	920,000.00	(795,000.00)		125,000.00
TREASURE VALLEY TOTAL.....	0.00	920,000.00	920,000.00	920,000.00	(795,000.00)	0.00	125,000.00
BIG LOST							
Hydrologic Monitoring (DOE - Year 2 of 3 = \$1.14M).....	380,000.00		380,000.00	380,000.00	(380,000.00)		0.00
BIG LOST TOTAL.....	380,000.00	0.00	380,000.00	380,000.00	(380,000.00)	0.00	0.00
RAFT RIVER BASIN							
Raft River Basin Hydrologic Project (CON01424).....		204,000.00	204,000.00	204,000.00	(203,022.58)		977.42
RAFT RIVER BASIN TOTAL.....	0.00	204,000.00	204,000.00	204,000.00	(203,022.58)	0.00	977.42
TOTAL FY 2020 BUDGETED FUNDS.....	1,240,000.00	1,020,000.00	2,260,000.00	2,260,000.00	(1,548,794.50)	(408,205.50)	303,000.00

FY 2021 BUDGET	Budget (as approved - May 2020)	Amendments	Budget (as amended)	Obligated	Expenditures	Carry forward	Committed
ESPA Managed Recharge Operations							
Conveyance Cost.....	3,500,000.00		3,500,000.00	3,500,000.00	(1,506,704.60)		1,993,295.40
Total ESPA Managed Recharge Operations.....	3,500,000.00	0.00	3,500,000.00	3,500,000.00	(1,506,704.60)	0.00	1,993,295.40

ESPA Managed Recharge Infrastructure

Enterprize Project.....	2,000,000.00		2,000,000.00	2,000,000.00		(2,000,000.00)	0.00
MP 31 - BLM Road Embankment (CON01527, CON01533).....		320,000.00	320,000.00	320,000.00	(164,360.99)		155,639.01
Total ESPA Managed Recharge Infrastructure.....	2,000,000.00	320,000.00	2,320,000.00	2,320,000.00	(164,360.99)	(2,000,000.00)	155,639.01

Managed Recharge Investigations

Large Upper Valley Project.....	300,000.00		300,000.00	300,000.00	(94,683.04)	(200,000.00)	5,316.96
Cloudseeding - BSU CON01394.....		20,409.00	20,409.00	20,409.00	(20,328.74)	(80.26)	0.00
Total Managed Recharge Investigations.....	300,000.00	20,409.00	320,409.00	320,409.00	(115,011.78)	(200,080.26)	5,316.96

ESPA Hydrologic Monitoring

Hydrologic Monitoring (DOE - Year 3 of 3 = \$928K).....	308,000.00		308,000.00	308,000.00	(320,475.00)		(12,475.00)
ESPA Hydrologic Monitoring	308,000.00	0.00	308,000.00	308,000.00	(320,475.00)	0.00	(12,475.00)

TREASURE VALLEY

Treasure Valley Modeling Year 5 of 5 (USGS 6605).....	500,000.00		500,000.00	500,000.00	(41,381.72)		458,618.28
TREASURE VALLEY TOTAL.....	500,000.00	0.00	500,000.00	500,000.00	(41,381.72)	0.00	458,618.28

RAFT RIVER

Raft River Hydrologic Characterization.....	100,000.00	375,000.00	475,000.00	475,000.00	(160,448.01)		314,551.99
Hydrologic Monitoring (DOE - Year 1 of 3 = \$832K).....	277,000.00		277,000.00	277,000.00	(277,000.00)		0.00
RAFT RIVER TOTAL.....	377,000.00	375,000.00	752,000.00	752,000.00	(437,448.01)	0.00	314,551.99

BIG LOST

Hydrologic Monitoring (DOE - Year 3 of 3 = \$1.14M).....	380,000.00		380,000.00	380,000.00	(347,805.09)		32,194.91
BIG LOST TOTAL.....	380,000.00	0.00	380,000.00	380,000.00	(347,805.09)	0.00	32,194.91

LEMHI BASIN

Lemhi Basin SCR 137.....	200,000.00		200,000.00	200,000.00	(280,149.37)		(80,149.37)
LEMHI BASIN TOTAL.....	200,000.00	0.00	200,000.00	200,000.00	(280,149.37)	0.00	(80,149.37)

COOPERATIVE CLOUD SEEDING PROGRAM

Program Development Activities	500,000.00		500,000.00	500,000.00			500,000.00
COOPERATIVE CLOUD SEEDING PROGRAM TOTAL.....	500,000.00	0.00	500,000.00	500,000.00	0.00	0.00	500,000.00

STATE-WIDE

Statewide Surface Water & Aquifer Monitoring.....	850,000.00		850,000.00	850,000.00	(572,519.50)		277,480.50
STATE-WIDE TOTAL.....	850,000.00	0.00	850,000.00	850,000.00	(572,519.50)	0.00	277,480.50

TOTAL FY 2021 BUDGETED FUNDS.....	8,915,000.00	715,409.00	9,630,409.00	9,630,409.00	(3,785,856.06)	(2,200,080.26)	3,644,472.68
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FY 2022 BUDGET	Budget (as approved - May 2022)	Amendments	Budget (as amended)	Obligated	Expenditures	Carry forward	Committed
ESPA Managed Recharge Operations							
Equipment & Supplies.....	190,000.00		190,000.00	190,000.00	(56,271.65)		133,728.35
Conveyance Cost.....	3,500,000.00		3,500,000.00	3,500,000.00	(1,247,568.27)		2,252,431.73
Recharge Monitoring.....	520,000.00		520,000.00	520,000.00	(238,302.30)		281,697.70
Regional Monitoring.....	225,000.00		225,000.00	225,000.00	(133,116.96)		91,883.04
Total ESPA Managed Recharge Operations.....	4,435,000.00	0.00	4,435,000.00	4,435,000.00	(1,675,259.18)	0.00	2,759,740.82
ESPA Managed Recharge Infrastructure							
ESPA Upper Valley Sites.....	1,500,000.00		1,500,000.00	1,500,000.00		(1,500,000.00)	0.00

Minidoka Irrigation District Recharge Project.....	300,000.00		300,000.00	300,000.00		(300,000.00)	0.00
Butte Market Lake Recharge Wells.....	250,000.00		250,000.00	250,000.00		(250,000.00)	0.00
Enterprize Project.....	200,000.00		200,000.00	200,000.00		(200,000.00)	0.00
Reserved for Additional Recharge Projects.....	500,000.00		500,000.00	500,000.00		(500,000.00)	0.00
Total ESPA Managed Recharge Infrastructure.....	2,750,000.00	0.00	2,750,000.00	2,750,000.00	0.00	(2,750,000.00)	0.00
Managed Recharge Investigations							
Large Upper Valley Project.....	500,000.00		500,000.00	500,000.00		(500,000.00)	0.00
Enterprize Canal Company (CON01575).....				97,000.00	(70,000.00)		27,000.00
Reserved for additional investigations and engineering.....	500,000.00		500,000.00	403,000.00		(403,000.00)	0.00
Total Managed Recharge Investigations.....	1,000,000.00	0.00	1,000,000.00	1,000,000.00	(70,000.00)	(903,000.00)	27,000.00
COOPERATIVE CLOUD SEEDING PROGRAM							
Operations & Maintenance							
Boise, Wood, Upper Snake - 1/3 Cost Share.....	950,000.00	29,000.00	979,000.00	979,000.00	(979,000.00)		0.00
Boise, Wood, Upper Snake - Program Shortages.....	500,000.00	33,000.00	533,000.00	533,000.00	(533,000.00)		0.00
Bear - Pilot Program.....	300,000.00		300,000.00	300,000.00	(246,703.15)		53,296.85
Capital							
Weather Instrumentation - Year 1 of 5, Total \$200,000.....	10,000.00		10,000.00	10,000.00			10,000.00
Modeling							
SNOWIE Data Analysis - Year 1 of 3, Total \$600,000.....	200,000.00		200,000.00	200,000.00			200,000.00
HPC Administration.....	43,000.00		43,000.00	43,000.00	(40,000.00)		3,000.00
Research & Development							
Pgm Expansion - New Basin Feasibility Studies.....	500,000.00		500,000.00	500,000.00	(241,803.80)		258,196.20
Technology - SWEdar Project.....	35,000.00		35,000.00	35,000.00	(17,500.00)		17,500.00
COOPERATIVE CLOUD SEEDING PROGRAM TOTAL.....	2,538,000.00	62,000.00	2,600,000.00	2,600,000.00	(2,058,006.95)	0.00	541,993.05
TREASURE VALLEY							
Monitoring in Support of Treasure Valley Model.....	125,000.00		125,000.00	125,000.00			125,000.00
TREASURE VALLEY TOTAL.....	125,000.00	0.00	125,000.00	125,000.00	0.00	0.00	125,000.00
RAFT RIVER							
Raft River Hydrologic Characterization.....	225,000.00		225,000.00	225,000.00	0.00		225,000.00
Hydrologic Monitoring (DOE - Year 2 of 3 = \$832K).....	277,000.00		277,000.00	277,000.00	(119,272.20)		157,727.80
RAFT RIVER TOTAL.....	502,000.00	0.00	502,000.00	502,000.00	(119,272.20)	0.00	382,727.80
BIG LOST							
USGS/IGS Support - JFA 29850.....	75,000.00		75,000.00	75,000.00	(17,327.58)		57,672.42
Big Lost Stream Gages (one year funding).....	100,000.00		100,000.00	100,000.00	(45,385.00)		54,615.00
BIG LOST TOTAL.....	175,000.00	0.00	175,000.00	175,000.00	(62,712.58)	0.00	112,287.42
PALOUSE BASIN							
Water Supply Alternatives Next Steps.....	250,000.00		250,000.00	250,000.00			250,000.00
PALOUSE BASIN TOTAL.....	250,000.00	0.00	250,000.00	250,000.00	0.00	0.00	250,000.00
BEAR RIVER BASIN							
Tri-State Water Sustainability Initiative.....	250,000.00		250,000.00	250,000.00			250,000.00
BEAR RIVER BASIN TOTAL.....	250,000.00	0.00	250,000.00	250,000.00	0.00	0.00	250,000.00
LEWISTON							
Future Water Sustainability Projects.....	250,000.00		250,000.00	250,000.00			250,000.00
LEWISTON TOTAL.....	250,000.00	0.00	250,000.00	250,000.00	0.00	0.00	250,000.00
MOUNTAIN HOME/ELMORE COUNTY							

Mtn Home/Elmore County Water Sustainability Projects.....	700,000.00		700,000.00	700,000.00	(6,666.18)		693,333.82
MOUNTAIN HOME/ELMORE COUNTY TOTAL.....	700,000.00	0.00	700,000.00	700,000.00	(6,666.18)	0.00	693,333.82
LEMHI BASIN							
Support of Water Sustainability Initiatives.....	500,000.00		500,000.00	500,000.00			500,000.00
LEMHI BASIN TOTAL.....	500,000.00	0.00	500,000.00	500,000.00	0.00	0.00	500,000.00
STATEWIDE							
Administrative expenses (public information, staff training, etc).....	85,000.00		85,000.00	85,000.00	(106,870.50)		(21,870.50)
Professional Assistance for securing Federal Funding.....	100,000.00		100,000.00	100,000.00	(88,321.29)		11,678.71
Statewide Surface Water & Aquifer Monitoring.....	300,000.00		300,000.00	300,000.00	(245,321.49)		54,678.51
STATEWIDE TOTAL.....	485,000.00	0.00	485,000.00	485,000.00	(440,513.28)	0.00	44,486.72
Unspecified Projects in Other Areas or Carry-over.....	1,417,000.00	(62,000.00)	1,355,000.00	1,355,000.00			1,355,000.00
TOTAL FY 2022 BUDGETED FUNDS.....	15,377,000.00	0.00	15,377,000.00	15,377,000.00	(4,432,430.37)	(3,653,000.00)	7,291,569.63

IDAHO WATER RESOURCE BOARD
Sources and Applications of Funds
as of May 31, 2022
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.....	\$13,658,636.13
Interest Earned State Treasury (Transferred).....	\$2,406,484.75
Water Supply Bank Receipts.....	\$9,244,738.57
Transferred to/from Water Management Account.....	\$317,253.80
Filing Fee Balance.....	\$47,640.20
Bond Fees.....	\$1,467,101.45
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.....	(\$22,300.00)
IWRB Studies and Projects.....	(\$249,067.18)
Arbitrage Calculation Fees.....	(\$14,000.00)
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).....	(\$917,725.21)
Priest Lake Construction Project Contribution.....	(\$830,864.50)
Treasureton Irrigation Ditch Co.....	(\$5,000.00)
Mountain Home AFB Water Sustainability Project (29514)	
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$4,000,000.00
JR Simplot - WR Purchase.....	(\$2,500,000.00)
LeMoyné Appraisal LLC.....	(\$10,500.00)
IWRB WSB Lease Application.....	(\$750.00)
Integrated Delivery Solutions - Mark Alpert.....	(\$34,459.18)
Brown & Caldwell - Owner's Advisor.....	(\$1,218,298.11)
SPF Engineering - WR Transfer.....	(\$118,715.75)
Skinner-Fawcett - Bond Counsel.....	(\$31,602.41)
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)
Balance for Mountain Home AFB Water Sustainability Project.....	\$0.00
Galloway Dam & Reservoir Project (29517)	
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$2,000,000.00
Galloway Dam & Reservoir Project Costs (HB 479).....	(\$124,649.52)
Balance Galloway Dam & Reservoir Project.....	\$1,875,350.48
Boise River (Arrowrock Enlargement) Feasibility Study (29518)	
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)
Balance Boise River (Arrowrock Enlargement) Feasibility Study (HB479).....	\$0.00
Island Park Enlargement (29520)	
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$2,500,000.00
Island Park Enlargement Costs (HB 479).....	(\$174,170.00)
Transfer to Ririe Reservoir Flood Control (SB1190, Sec 7).....	(\$1,470,000.00)
Balance Island Park Enlargement (HB 479).....	\$855,830.00
Water Supply Bank Computer Infrastructure (29519)	
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$500,000.00
Water Supply Bank Computer Infrastructure Costs (HB 479).....	(\$497,350.75)
Balance Water Supply Bank Computer Infrastructure (HB 479).....	\$2,649.25
Cash Balance of Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$2,733,829.73
Ririe Reservoir Flood Control	
Rule Curve Modification.....	\$846,027.00
Cash Balance Ririe Reservoir Flood Control Project.....	\$846,027.00
Minidoka Dam Enlargement/Teton Dam Replacement Studies (29510)	
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)
Balance for Minidoka Dam Enlargement/Teton Dam Replacement Studies.....	\$570,539.82
Priest Lake Water Management Project (29521)	
Legislative Appropriation (2018, HB 677 Sec 5).....	\$2,400,000.00
Legislative Approval (2018, HB 677 Sec 6).....	\$2,419,580.50
Transfer to Priest Lake Construction Project.....	(\$4,169,135.50)
Bonner County Contribution.....	\$160,000.00
Sandpiper Shores Contribution.....	\$10,000.00
Legislative Approval (2020, HB 645 Sec 7).....	\$410,000.00

Interest Earned State Treasury.....	\$176,271.94	
Total Priest Lake Water Management Project Revenue.....		\$1,406,716.94
Contract Expenditures - Mott MacDonald (CON01426).....	(\$638,162.35)	
Dam Operator Contracts.....	(\$22,989.42)	
Misc Expenditures.....	(\$8,568.98)	
Total Priest Lake Water Management Project Expenditures.....		(\$669,720.75)
Cash Balance Priest Lake Water Management Project.....		\$736,996.19
Committed Funds		
Dam Operator Contracts (CON01445, CON01453, CON01454).....	\$0.00	
Dam Operator Contracts (CON01541, CON01542).....	\$31,088.78	
Mott MacDonald Contract (CON01426).....	\$0.00	
TOTAL COMMITTED FUNDS.....	\$31,088.78	
Uncommitted Priest Lake Water Management Project Balance.....		\$705,907.41
Priest Lake Construction Project (29522)		
Transfer to Priest Lake Construction Project.....	\$4,169,135.50	
Contribution from Uncommitted Funds.....	\$830,864.50	
Local Contribution.....	\$0.00	
Total Priest Lake Construction Project Revenue.....		\$5,000,000.00
Mott MacDonald Expenditures (CON01484).....	(\$893,691.69)	
Strider Construction - Outlet Dam Expenditures (CON01480).....	(\$1,184,270.75)	
Strider Construction - Thorofare Expenditures (CON01481).....	(\$2,052,265.86)	
Builder's Risk Insurance.....	(\$8,015.00)	
IDL Mineral Lease.....	(\$2,160.00)	
Total Priest Lake Construction Project Expenditures.....		(\$4,140,403.30)
Cash Balance Priest Lake Construction Project.....		\$859,596.70
Committed Funds		
Mott MacDonald Contract (CON01484).....	\$107,068.31	
Strider Construction - Outlet Dam (CON01480).....	\$416,838.25	
Strider Construction - Thorofare (CON01481).....	\$0.00	
Construction Contingency.....	\$335,690.14	
TOTAL COMMITTED FUNDS.....	\$859,596.70	
Uncommitted Priest Lake Construction Project Balance.....		\$0.00

Bell Rapids Water Rights Sub-Account		
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	
Water Supply Bank Payments - Owner's Share.....	\$47,160.00	
Interest Earned State Treasury.....	\$698,613.04	
Total Bell Rapids Water Rights Sub-Account Revenue.....		\$51,833,868.05
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.....	(\$120,157.04)	
Payment for Ongoing Bell Rapids Finance Costs (trustee fees, water bank	(\$6,740.10)	
Total Bell Rapids Water Rights Sub-Account Expenditures.....		(\$51,358,772.61)
Cash Balance Bell Rapids Water Rights Sub-Account.....		\$475,095.44
Committed Funds		
Ongoing Bell Rapids Finance Costs (trustee fees, WD02).....	\$427,935.44	
TOTAL COMMITTED FUNDS.....	\$427,935.44	
Uncommitted Bell Rapids Water Rights Sub-Account Balance.....		\$47,160.00
Pristine Springs Project Sub-Account		
Rental Payments to be Transferred to Secondary Aquifer Fund.....	\$961,675.10	
Loan Interest.....	\$2,958,793.54	
Loan Principal from Magic Valley & North Snake GWD.....	\$6,936,859.52	
Total Pristine Springs Project Revenue to be Transferred.....		\$10,857,328.16
Total Pristine Springs Project Revenue Transferred to 0129-01.....	(\$5,129,300.00)	
Total Pristine Springs Project Revenue Transferred to 0129.....	(\$5,012,000.00)	
Total Pristine Springs Project Sub-Account Transfers.....		(\$10,141,300.00)
Cash Balance Pristine Springs Sub-Account.....		\$716,028.16
Pristine Springs Committed Funds		
Loan Payments to be transferred to 0129.....	\$716,000.00	
TOTAL COMMITTED FUNDS.....	\$716,000.00	
Loans Outstanding for Purchase of PS Water Rights		
Loan to North Snake & Magic Valley GWD.....	\$10,000,000.00	
Payments from North Snake & Magic Valley GWD.....	(\$6,936,859.52)	
Total Loans Outstanding.....	\$3,063,140.48	
Uncommitted Pristine Springs Sub-Account.....		\$28.16
Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account		
Pristine Springs Hydropower and Rental Revenues.....	\$271,672.34	
Interest Earned State Treasury.....	\$573.11	
Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account Revenue.....		\$272,245.45
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)	
Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account Expenditures.....		(\$123,500.00)
Cash Balance Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account.....		\$148,745.45
Committed Funds		
Spokane River Forum.....	\$0.00	
TOTAL COMMITTED FUNDS.....	\$0.00	
Uncommitted Rathdrum Prairie CAMP & TV CAMP Sub-Account.....		\$148,745.45
Upper Salmon/CBWTP Sub-Account		
Water Transaction Projects Payment Advances from CBWTP/accord	\$6,752,814.03	
PCSRF Funds for Admin of Non-Diversion Easements on Lemhi River.....	\$207,837.16	
Interest Earned State Treasury.....	\$376,879.41	
Upper Salmon/CBWTP Sub-Account Revenue.....		\$7,337,530.60
Transfer to Water Supply Bank.....	(\$113,279.97)	
Change of Ownership.....	(\$600.00)	
Appraisals/Closing Costs.....	(\$14,155.98)	
Payments for Water Acquisition	(\$3,601,557.03)	
Upper Salmon/CBWTP Sub-Account Expenditures.....		(\$3,729,592.98)
Cash Balance CBWTP Sub-Account.....		\$3,607,937.62
Committed Funds		
Administration of Non-Diversion Easements on Lemhi River.....	\$133,160.61	
Bar G Farms (Pahsimeroi- Little Mud).....	\$10,852.70	
Bayhorse Creek (Peterson Ranch).....	\$23,799.42	
Badger Creek (OWBP) WSB.....	\$2,389.10	
Beaver Creek (DOT LLP).....	\$98,302.78	
Big Timber Tyler Phase I(Leadore Land Partners).....	\$325,007.97	
Big Timber Tyler Phase II (Leadore Land Partners).....	\$84,182.61	
Bohannon Creek DJ (Barbara Stokes).....	\$776,939.88	
Bohannon Creek BS (Betty Stokes).....	\$382,064.78	
Canyon Creek/Big Timber Creek (Beyeler).....	\$313,841.65	
Carmen Creek (Bill Slavin).....	\$181,643.46	
Carmen Creek (Bruce Slavin).....	\$113,982.70	
Fourth of July Creek (Defiance Investments).....	\$12,115.84	
Iron Creek (Koncz).....	\$126,648.48	
Knapp Creek (Cape Horn Ranch LLC).....	\$14,891.76	
Kenney Creek Source Switch (Gail Andrews).....	\$18,733.48	
Lemhi - Big Springs (Merrill Beyeler).....	\$46,282.72	
Lemhi River & Little Springs Creek Kauer (McFarland Livestock Co).....	\$15,087.34	
Little Springs Creek (Snyder).....	\$201,793.10	
Lower Eighteenmile Creek (Ellsworth Angus Ranch).....	\$1,777.78	
Lower Lemhi Thomas (Robert Thomas).....	\$900.00	
P-9 Bowles (River Valley Ranch).....	\$178,240.05	
P-9 Charlton (Sydney Downton).....	\$11,851.25	
P-9 Downton (Western Sky LLC).....	\$142,015.61	

P-9 Elzinga (Elzinga).....	\$175,661.69	
Patterson-Big Springs PBSC9 (Silver Bit Angus/S Whitworth).....	\$137,783.69	
Pole Creek (Salmon Falls Land).....	\$557,407.12	
Pratt Creek (Mulkey).....	\$72,997.50	
Spring Creek (Richard Beard).....	\$1,562.61	
Spring Creek (Ella Beard).....	\$2,285.76	
Whitefish (Leadore Land Partners).....	\$98,791.54	
Total Committed Funds.....	\$4,262,994.98	
Uncommitted CBWTP Sub-Account Balance.....		(\$655,057.36)
Water Supply Bank Sub-Account		
Interest Earned State Treasury.....	\$36,537.15	
Payments received from renters.....	\$5,837,320.07	
Payments made to owners.....	(\$5,212,037.78)	
Cash Balance Water Supply Bank Sub-Account.....		\$661,819.44
Committed Funds:		
Owners Share.....	\$625,282.29	
Total Committed Funds.....	\$625,282.29	
Uncommitted Water Supply Bank Sub-Account Balance.....		\$36,537.15
Eastern Snake Plain Sub-Account		
Legislative Appropriation 2005, HB392.....	\$7,200,000.00	
Legislative Appropriation 2005, HB392, CREP Program.....	\$3,000,000.00	
Interest Earned State Treasury.....	\$2,084,241.35	
Loan Interest.....	\$296,051.40	
Reimbursement from Commerce & Labor W-Canal.....	\$74,709.77	
Reimbursement from MVGWD & 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	
Eastern Snake Plain Sub-Account Revenue.....		\$13,840,948.37
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.....	(\$3,526,359.11)	
W-Canal Project Costs.....	(\$326,834.11)	
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)	
Eastern Snake Plain Sub-Account Expenditures.....		(\$12,139,774.00)
Cash Balance Eastern Snake Plain Sub-Account.....		\$1,701,174.37
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	
Eastern Snake Plain Sub-Account Balance after Commitments.....		\$918,105.78
CREP Loans Outstanding:		
American Falls-Aberdeen GWD (CREP).....	\$12,754.55	
Bonneville Jefferson GWD (CREP).....	\$13,192.81	
Magic Valley GWD (CREP).....	\$0.00	
North Snake GWD (CREP).....	\$0.00	
TOTAL ESP CREP LOANS OUTSTANDING.....	\$25,947.36	
Uncommitted Eastern Snake Plain Sub-Account Balance.....		\$892,158.42
Dworshak Hydropower Project		
Power Sales & Other.....	\$14,204,360.73	
Interest Earned State Treasury.....	\$951,974.97	
Total Dworshak Project Revenue.....		\$15,156,335.70
Operations & Maintenance.....	\$3,447,968.68	
Powerplant Repairs.....	\$180,409.72	
Capital Improvements.....	\$318,366.79	
FERC Payments.....	\$137,345.54	
Transferred to 1st Security Trustee Account FINAL.....	\$148,542.63	
Construction not paid through bond issuance FINAL.....	\$226,106.83	
First Security Fees FINAL.....	\$314,443.35	
Bond payoff FINAL.....	\$391,863.11	
Total Dworshak Project Expenditures.....		(\$5,165,046.65)
Cash Balance Dworshak Hydropower Project.....		\$9,991,289.05
Dworshak Project Committed Funds		
Emergency Repair/Future Replacement Fund.....	\$5,855,763.33	
FERC Fee Payment Fund.....	\$0.00	
Total Dworshak Project Committed Funds.....	\$5,855,763.33	
Uncommitted Dworshak Hydropower Project Sub-Account Balance.....		\$4,135,525.72
TOTAL.....		\$31,588,802.39
Loans Outstanding:		
	Amount Loaned	Principal Balance
A&B Irrigation District (Pipeline & Pumping Plant, Dec).....	\$3,500,000.00	\$2,528,516.48
A&B Irrigation District (Pipeline & Pumping Plant, Sept).....	\$3,500,000.00	\$2,679,594.10
Bee Line Water Association (Sep 23, 2014; System Improvements).....	\$600,000.00	\$524,115.34
Bennington Irrigation Company (Infrastructure replacement).....	\$200,000.00	\$65,139.96
Canyon County Drainage District No. 2 (28-Nov-12; Drain tile pipeline repla	\$35,000.00	\$4,234.10
Clearview Water Company.....	\$50,000.00	\$16,576.12
Cloverdale Ridge Water Corporation (Irrigation infrastructure).....	\$56,615.00	\$56,615.00
Consolidated Irrigation Company (July 20, 2012; pipeline project).....	\$500,000.00	\$387,633.36
Dalton Water Association.....	\$1,036,900.00	\$872.76
Evans Water Corporation & HOA.....	\$20,000.00	\$13,215.91

Foothill Ranch Homeowners Association (7-oct-11; well rehab).....	\$150,000.00	\$65,824.99	
Goose Lake Reservoir Corp.....	\$320,000.00	\$220,132.27	
Last Chance Canal Company (14-July-2015, diversion dam rebuild).....	\$2,500,000.00	\$1,703,558.51	
Marysville Irrigation Company (9-May-08, Pipeline Project Phase 2).....	\$1,100,000.00	\$123,746.70	
Milner Irrigation District (pipeline replacement).....	\$2,000,000.00	\$1,948,038.05	
North Side Canal Company (Phase 1 - canal rehab project).....	\$1,846,092.61	\$1,466,889.98	
Outlet Water Association (22-Jan-16; new well & improvements).....	\$100,000.00	\$59,170.91	
Picabo Livestock Co Inc.....	\$95,000.00	\$95,000.00	
Pinehurst Water District (23-Jan-15).....	\$100,000.00	\$17,110.66	
Point Springs Grazing Association (July 20, 2012; stock water pipeline).....	\$48,280.00	\$11,911.00	
Point Springs Grazing Association.....	\$47,335.53	\$30,000.00	
Producers Irrigation Company.....	\$102,127.50	\$20,861.08	
South Valley Ground Water District.....	\$150,000.00	\$150,000.00	
St. Johns Irrigating Company (14-July-2015; pipeline project).....	\$1,417,905.22	\$1,117,909.90	
Twin Lakes Canal Company (Winder Lateral Pipeline Project).....	\$500,000.00	\$52,472.29	
Valley County Local Improvement District No. 1/Jughandle HOA (well project).....	\$907,552.00	\$339,750.57	
TOTAL LOANS OUTSTANDING.....			\$13,698,890.04
Loans and Other Funding Obligations:			
Reserved for Future Loans.....		\$0.00	
Bennington Irrigation Company.....		\$82,815.18	
Cloverdale Ridge Water Corporation.....		\$0.00	
King Hill Water Corporation (Irrigation infrastructure replacement).....		\$1,500,000.00	
North Fremont Canal Company.....		\$500,000.00	
Picabo Livestock co Inc.....		\$0.00	
Point Springs Grazing Association.....		\$17,335.53	
South Valley Ground Water District.....		\$0.00	
TOTAL LOANS AND OTHER FUNDING OBLIGATIONS.....			\$2,100,150.71
Uncommitted Funds.....			\$15,789,761.64
TOTAL.....			\$31,588,802.39

(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 May 31, 2022
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.....	\$124,144.01	
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)	
CASH BALANCE		\$120,913.23

Large Projects Program Sub-Account

Legislative Appropriation (HB 285, Sec 1, 2019).....	\$20,000,000.00	
Legislative Appropriation (SB 1121, Sec 1, 2021).....	\$50,000,000.00	
Interest Earned State Treasury.....	\$765,972.81	
Total Revenue for Large Projects Program Sub-Account		\$70,765,972.81
Municipal Capital Markets Group Inc (CON01518).....	(\$8,102.50)	
DOI-BOR Agreement.....	(\$1,223,944.00)	
Total Expenditures for Flood Management Program Sub-Account		(\$1,232,046.50)
Cash Balance for Large Projects Program Sub-Account		\$69,533,926.31

Water Quality Collection Program Sub-Account

Legislative Appropriation (HB 285, Sec 3, 2019).....	\$200,000.00	
Legislative Appropriation (HB 646, Sec 5, 2020).....	\$200,000.00	
Legislative Appropriation (HB 646, Sec 5, 2021).....	\$200,000.00	
Interest Earned State Treasury.....	\$5,714.74	
Total Revenue for Water Quality Collection Program Sub-Account		\$605,714.74
DOI-USGS Agreement FY 2020 - Mid-Snake River.....	(\$200,000.00)	
DOI-USGS Agreement FY 2021 - Mid-Snake River.....	(\$200,000.00)	
DOI-USGS Agreement FY 2022 - Mid-Snake River.....	(\$21,217.18)	
Total Expenditures for Water Quality Collection Program Sub-Account		(\$421,217.18)
Cash Balance for Water Quality Collection Program Sub-Account		\$184,497.56

Flood Management Program Sub-Account

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	
Legislative Appropriation (HB 646, Sec 5, 2021, Flood Management Program).....	\$800,000.00	
Interest Earned State Treasury.....	\$34,828.76	
Total Revenue for Flood Management Program Sub-Account		\$3,434,828.76
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).....	(\$624,251.34)	
Grants Disbursed for Leg Approp (HB 646, Sec 5, 2020, Flood Mgmt Pg).....	(\$444,421.24)	
Grants Disbursed for Leg Approp (HB 646, Sec 5, 2021, Flood Mgmt Pg).....	(\$27,019.28)	
Total Expenditures for Flood Management Program Sub-Account		(\$1,997,369.42)
Cash Balance for Flood Management Program Sub-Account		\$1,437,459.34
TOTAL		\$71,276,796.44

Flood Management Grant Program

	Grant Amount	Expenditures	Remaining Balance
Flood Management Program grants - Year 1 (HB712, Sec 1, 2018)			
<i>Flood Control District 9 (CON01303).....</i>	<i>90,000.00</i>	<i>(\$84,851.70)</i>	<i>5,148.30</i>
<i>Blaine County (CON01304).....</i>	<i>121,331.00</i>	<i>(\$121,331.00)</i>	<i>0.00</i>
<i>Cassia County (CON01305).....</i>	<i>42,336.38</i>	<i>(\$19,618.16)</i>	<i>22,718.22</i>
<i>Flood Control District 10 (CON01306 - New Dry Creek River Bank).....</i>	<i>78,400.00</i>	<i>(\$62,156.50)</i>	<i>16,243.50</i>
<i>Flood Control District 10 (CON01307 - Duck Alley Pit Capture).....</i>	<i>153,550.00</i>	<i>(\$105,470.43)</i>	<i>48,079.57</i>
<i>Flood Control District 10 (CON01308 - Porter & Mulchay Gravel Removal).....</i>	<i>38,808.00</i>	<i>(\$35,250.77)</i>	<i>3,557.23</i>
<i>Clearwater Soil & Water Conservation Dist (CON01309).....</i>	<i>155,220.00</i>	<i>(\$155,219.00)</i>	<i>1.00</i>
<i>Flood Control District 10 (CON01310 - Leighton & Wells Gravel Removal).....</i>	<i>22,000.00</i>	<i>(\$22,000.00)</i>	<i>0.00</i>

<i>Flood Control District 11 (CON01311).....</i>	<i>57,675.00</i>	<i>(55,100.00)</i>	<i>2,575.00</i>
<i>Twin Lakes/Flood Control Dist 17 (CON01312).....</i>	<i>7,750.00</i>	<i>(7,750.00)</i>	<i>0.00</i>
<i>Twin Falls Canal Company (CON01327).....</i>	<i>85,340.00</i>	<i>(85,340.00)</i>	<i>0.00</i>
<i>Nez Perce Soil & Water Conservation Dist (CON01328).....</i>	<i>115,460.00</i>	<i>(115,460.00)</i>	<i>0.00</i>
<i>Riverside Village HOA (CON01329).....</i>	<i>6,025.00</i>	<i>(6,025.00)</i>	<i>0.00</i>
<i>City of Pocatello (CON01330).....</i>	<i>26,105.00</i>	<i>(26,105.00)</i>	<i>0.00</i>
<i>Uncommitted from HB712 Year 1.....</i>	<i>(98,322.82)</i>	<i>0.00</i>	<i>(98,322.82)</i>
Total Committed Balance for Year 1.....	901,677.56	(901,677.56)	0.00
Flood Management Program grants - Year 2 (HB285, Sec 3, 2019)			
<i>City of Boise (CON01396).....</i>	<i>6,371.00</i>	<i>(6,371.00)</i>	<i>0.00</i>
<i>Blaine County (CON01397).....</i>	<i>100,000.00</i>	<i>(96,555.00)</i>	<i>3,445.00</i>
<i>Board of Controls Irrigation (CON01398).....</i>	<i>59,050.00</i>	<i>(57,827.50)</i>	<i>1,222.50</i>
<i>Clearwater Soil & Water Conservation District (CON01399).....</i>	<i>190,492.37</i>	<i>(190,490.18)</i>	<i>2.19</i>
<i>Clearwater Soil & Water Conservation District (CON01400).....</i>	<i>72,727.39</i>	<i>(72,629.03)</i>	<i>98.36</i>
<i>City of Hailey (CON01401).....</i>	<i>50,000.00</i>	<i>(19,841.33)</i>	<i>30,158.67</i>
<i>Flood Control District No. 10 (CON01402).....</i>	<i>160,000.00</i>	<i>(160,000.00)</i>	<i>0.00</i>
<i>Idaho Soil and Water Conservation District (CON01403) - CANCELLED.....</i>	<i>159,436.00</i>		<i>159,436.00</i>
<i>Idaho Soil and Water Conservation District (CON01404).....</i>	<i>21,619.50</i>	<i>(20,537.30)</i>	<i>1,082.20</i>
<i>Blaine County (CON01405) - NOT EXECUTED.....</i>	<i>50,000.00</i>		<i>50,000.00</i>
<i>Uncommitted from HB285 Year 2.....</i>	<i>(245,444.92)</i>	<i>0.00</i>	<i>(245,444.92)</i>
Total Committed Balance for Year 2.....	624,251.34	(624,251.34)	0.00
Flood Management Program grants - Year 3 (HB646, Sec 5, 2020)			
<i>Flood Control District 10 - Boise River North Channel (CON01510).....</i>	<i>47,500.00</i>	<i>(47,500.00)</i>	<i>0.00</i>
<i>Flood Control District 10 - Boise River Canyon Reach 1 (CON01509).....</i>	<i>175,000.00</i>		<i>175,000.00</i>
<i>Idaho Soil & Water Conservation District - Sill Creek (CON01488).....</i>	<i>10,960.28</i>	<i>(10,960.28)</i>	<i>0.00</i>
<i>Idaho Soil & Water Conservation District - Lower Cottonwood Creek (CON01489).....</i>	<i>27,935.20</i>		<i>27,935.20</i>
<i>Idaho Soil & Water Conservation District - Clear Creek (CON01490).....</i>	<i>18,570.60</i>	<i>(11,838.06)</i>	<i>6,732.54</i>
<i>City of Bellevue - Lower Howard Preserve (CON01491).....</i>	<i>57,880.00</i>	<i>(57,880.00)</i>	<i>0.00</i>
<i>Clearwater Soil & Water Conservation District - Louse Creek (CON01492).....</i>	<i>24,687.00</i>	<i>(20,600.00)</i>	<i>4,087.00</i>
<i>Pioneer Irrigation District - Mason Creek (CON01493).....</i>	<i>148,500.00</i>		<i>148,500.00</i>
<i>Raft River Flood Control District 15 - (CON01494).....</i>	<i>80,525.00</i>	<i>(26,255.60)</i>	<i>54,269.40</i>
<i>Lewis Soil Conservation District - Alpine Road (CON01495).....</i>	<i>18,425.30</i>	<i>(18,425.30)</i>	<i>0.00</i>
<i>City of Orofino - Orofino Creek (CON01496).....</i>	<i>200,000.00</i>	<i>(200,000.00)</i>	<i>0.00</i>
<i>Twin Falls Canal Company & City of Twin Falls (CON01497).....</i>	<i>50,962.00</i>	<i>(50,962.00)</i>	<i>0.00</i>
<i>Uncommitted from HB646 Year 3.....</i>	<i>0.00</i>		<i>0.00</i>
Total Committed Balance for Year 3.....	860,945.38	(444,421.24)	416,524.14
Flood Management Program grants - Year 4 (SB1190, Sec 5, 2021)			
<i>North Side Canal Company - Red Bridge Flood Mgmt Storage Pond (CON01564).....</i>	<i>200,000.00</i>		<i>200,000.00</i>
<i>Flood District 9 - Bellevue Side Channel Project (CON01565).....</i>	<i>111,508.00</i>		<i>111,508.00</i>
<i>Nez Perce County & NPSWCD - Streambank Project.....</i>	<i>100,000.00</i>		<i>100,000.00</i>
<i>Flood District 17 - Rathdrum Creek Debris Project (CON01567).....</i>	<i>6,375.00</i>	<i>(6,375.00)</i>	<i>0.00</i>
<i>Adams Soil & Water Conservation District - Grays Creek Project (CON01568).....</i>	<i>17,606.00</i>	<i>(17,227.40)</i>	<i>378.60</i>
<i>Clearwater Soil & Water Conservation District - Heywood Bridge Project (CON01569).....</i>	<i>37,475.00</i>		<i>37,475.00</i>
<i>Clearwater Soil & Water Conservation Dist - Swanson's Loop Project (CON01563)....</i>	<i>200,000.00</i>		<i>200,000.00</i>
<i>Reid Canal Company - Bannock Feeder Project (CON01570).....</i>	<i>200,000.00</i>		<i>200,000.00</i>
<i>Lewis Soil & Water Conservation District - Tiede Road Flood Project (CON01571)....</i>	<i>71,910.00</i>		<i>71,910.00</i>
<i>Idaho Soil & Water Conservation District - Clear Creek Project (CON01572).....</i>	<i>36,062.00</i>	<i>(3,416.88)</i>	<i>32,645.12</i>
<i>Uncommitted from SB1190 Year 4.....</i>	<i>0.00</i>		<i>0.00</i>
Total Committed Balance for Year 4.....	980,936.00	(27,019.28)	953,916.72
Committed for Flood Management Grants.....	\$3,367,810.28	(\$1,997,369.42)	\$1,370,440.86
Other Funding Obligations			
<i>ESPA Settlement Water Rentals (HB 843, 2004).....</i>		<i>\$16,000.00</i>	
<i>Large Water Projects Program.....</i>		<i>\$69,533,926.31</i>	
<i>Water Quality Collection Program.....</i>		<i>\$184,497.56</i>	
Committed for Other Funding Obligations.....			\$69,734,423.87
<i>Uncommitted Funds.....</i>			<i>\$171,931.71</i>
TOTAL COMMITTED FUNDS BALANCE.....			\$71,104,864.73

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

Memorandum

To: Idaho Water Resource Board (IWRB)
From: Brian Patton, Planning & Projects Bureau
Date: July 18, 2022
Re: ARPA Funding Update



ACTION: No action expected.

Staff will provide updates on the American Rescue Plan Act (ARPA) funding.

Memorandum

To: Idaho Water Resource Board
From: Neeley Miller, Planning & Projects Bureau
Date: July 11, 2022
Re: Flood Management Grant Applications and Ranking



Action: Consider resolution to award funds for 2021 Flood Management Grant Projects

FY 2022 Flood Management Grant Program

Staff received a total of fourteen (14) applications. The applications were evaluated, scored, and ranked according to criteria adopted by Board. Staff reviewed the applications with the Finance Committee and the Committee recommended funding for the highest ranked projects as identified in the application ranking spreadsheet attached to the resolution.

Attachment(s):

Funding Resolution w/attached Project Application Ranking Sheet

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF FLOOD
MANAGEMENT GRANTS

RESOLUTION TO AWARD 2022 FUNDS

1 WHEREAS, House Bill 769 passed and approved by the Idaho Legislature transferred
2 \$1,000,000 from the General Fund to the Water Management Fund for a Flood Management
3 Grant Program administered by the Idaho Water Resources Board (IWRB) to be used for the
4 purpose of flood-damaged stream channel repair, stream channel improvement, flood risk
5 reduction, or flood prevention projects; and
6

7 WHEREAS, House Bill 769 allows for the award of grants larger than \$50,000 for the Flood
8 Management Program, at the discretion of the IWRB; and
9

10 WHEREAS, House Bill 769 directs the IWRB to require the availability of fifty percent (50%)
11 matching funds for all projects to be considered under the grant program; and
12

13 WHEREAS, House Bill 769 directs the IWRB to prioritize projects on a competitive
14 statewide basis; and
15

16 WHEREAS, on November 19, 2021 the IWRB adopted on-going criteria for the award of
17 Flood Management Grants, and
18

19 WHEREAS, several of the grant awards from previous years were completed under budget
20 totaling approximately \$70,000. These carryover funds when combined with the 2022 legislative
21 appropriation total \$1,070,000 that may be awarded for 2022 Flood Management Projects; and
22

23 WHEREAS, fourteen (14) Flood Management Grant applications were received by the
24 deadline of Friday June 3, 2022 and the applications were evaluated, scored and ranked
25 according to the criteria adopted by IWRB; and
26

27 WHEREAS, the Finance Committee met and discussed the projects, and recommended
28 the IWRB provide funding for ranked projects as specified in the Application Ranking Sheet
29 attached to this resolution; and
30

31 NOW, THEREFORE BE IT RESOLVED that the IWRB approves the award of Flood
32 Management Grants as specified in the Application Ranking Sheet attached to this resolution.
33

DATED this 22nd day of July, 2022.

Jeff Raybould, Chairman
Idaho Water Resource Board

ATTEST _____
Jo Ann Cole-Hansen, Secretary

Resolution No. _____

2022 Flood Management Grant Application Ranking					
Entity	Funds Requested	Total Project Costs	Final Evaluation Score	Final Rankings	Awarded Funding
Goose Creek Flood Project	\$200,000.00	\$535,536.00	90	1	\$200,000.00
City of Lewiston Flood Project	\$106,352.00	\$212,705.00	88	2	\$106,352.00
Madison County Flood Control Diversion Project	\$126,392.00	\$252,784.00	83	3	\$126,392.00
Boise River FCD 10 Flood Maintenance Project	\$125,000.00	\$250,000.00	82	4	\$125,000.00
Madison County Teton River Splitter Gate Project	\$47,859.00	\$95,717.00	81	5	\$47,859.00
Twin Lakes FCD 17 Debris Removal Project	\$8,000.00	\$16,000.00	76	6	\$8,000.00
Squaw Creek Ditch Company Flood Project	\$125,000.00	\$250,000.00	72	7	\$125,000.00
Riverside Water & Sewer District Project	\$200,000.00	\$440,388.00	71	8	\$200,000.00
ESPAR & Madison County Flood Diversion Project	\$47,300.00	\$99,600.00	68	9	\$47,300.00
Clearwater SWCD Garden Creek Project	\$84,085.00	\$176,458.00	62	10	\$84,085.00
Clearwater Cascade Project	\$200,000.00	\$584,871.00	61	11	\$0.00
Idaho SWCD Clear Creek Project site 1	\$13,422.00	\$28,228.00	60	12	\$0.00
Idaho SWCD Clear Creek Project site 1	\$13,422.00	\$28,228.00	60	13	\$0.00
Adams SWCD Thorn Creek Project	\$27,126.00	\$55,155.00	59	14	\$0.00
Total Funds Requested	\$1,323,958.00	\$3,025,670.00			

Total: **\$1,069,988**

Memorandum



To: Idaho Water Resource Board (IWRB)
From: Brian Patton, Planning & Projects Bureau
Date: July 18, 2022
Re: ESPA Recharge Water Rights

ACTION: Action may be taken.

Ms. Ann Vonde of the Attorney General's office will provide information on ESPA recharge water rights. A decision may be requested.

Memorandum



To: Idaho Water Resource Board (IWRB)
From: Brian Patton, Planning & Projects Bureau
Date: July 18, 2022
Re: Water Supply Bank

ACTION: Action may be taken.

Ms. Mary Condon will present information from the July 12, 2022, Water Supply Bank Committee Meeting No. 2-22. A decision may be requested.

Memorandum



To: Idaho Water Resource Board
From: Mary Condon
Date: July 22, 2022
Re: Ground Water Rentals in the ESPA

REQUIRED ACTIONS: The Board may establish criteria and fees for processing and maintaining applications.

The Idaho Water Resource Board (IWRB; Board) is responsible for operation of the Water Supply Bank, inclusive of the Board's Bank. A meeting on July 12th was convened by the WSB Committee to hear and discuss concerns of ground water districts for rentals of water within the area of common water supply, also known as the Conjunctive Management (CM) Rule 50 boundary of the ESPA, requested a review of the different boundaries used by IDWR, including the CM Rule 50 boundary, ESPA Model Boundary, and the ESPA Ground Water Management Area (GWMA) boundary.

Area of Common Ground Water Supply, or specifically, Subrule 50.1 – Eastern Snake Plain Aquifer, as described within IDAPA 37.03.11 – Rules for Conjunctive Management of Surface and Ground Water Resources. Water Supply Bank review criteria to avoid injury and to consider the local public interest, as well as other considerations the Director will evaluate are defined by law under Section 42-1763 Idaho Code, Rentals from the Bank, and through Rule 30, IDAPA 37.02.03 - Rentals from the Bank. Reviews of ground water rentals from the Board's bank with respect to the ESPA boundary are evaluated using the Transfer Processing Memo No. 24 (December 21, 2009); the ESPA Model Transfer tool (ETRAN 3.4); procedural guidance document Use of the ESPA Model Transfer Spreadsheet (ETRAN) for Water Supply Bank Rentals in the Eastern Snake Plain Aquifer (Revised January 14, 2022); and the ESPA Transfer Spreadsheet Version 3.1 - Implementation and Use memo (August 13, 2007), also referenced in the 'Transfer Processing Memo 24,' on page 14.

The Bank uses the current guidance referenced above along with available modeling tools to evaluate depletions to seven river reaches of the ESPA from ground water rentals within the model boundary. The guidance allows for moves into or out from the model boundary with proper analysis, or if the ground water diversion outside the model boundary is within two grid cells. A resolution adopted by the Board in 2017 on rentals of ground water in the ESPA GWMA is attached, for reference.

The Board can adopt a resolution to limit approval of or modify the terms for rentals in the ESPA, with consideration of the current ESPA boundaries and IDWR guidance for evaluating rentals in the ESPA. The following options are provided for consideration in a resolution:

- Ground water rentals within the (ESPA ACGWS or ESPA modeled area or ESPA GWMA) will only be considered from diversions of ground water leased within the same boundary.
- Ground water rentals within the ESPA modeled area from diversions of ground water leased outside the boundary will be limited to only those leased diversions which are within two grid cells of the same boundary.
- Ground water rentals within the ESPA ACGWS or GWMA will require an additional 10% for mitigation by non-use.

The following figures are different shapefiles used by IDWR, USGS, and others in reference to the ESPA and the Snake River Basin.

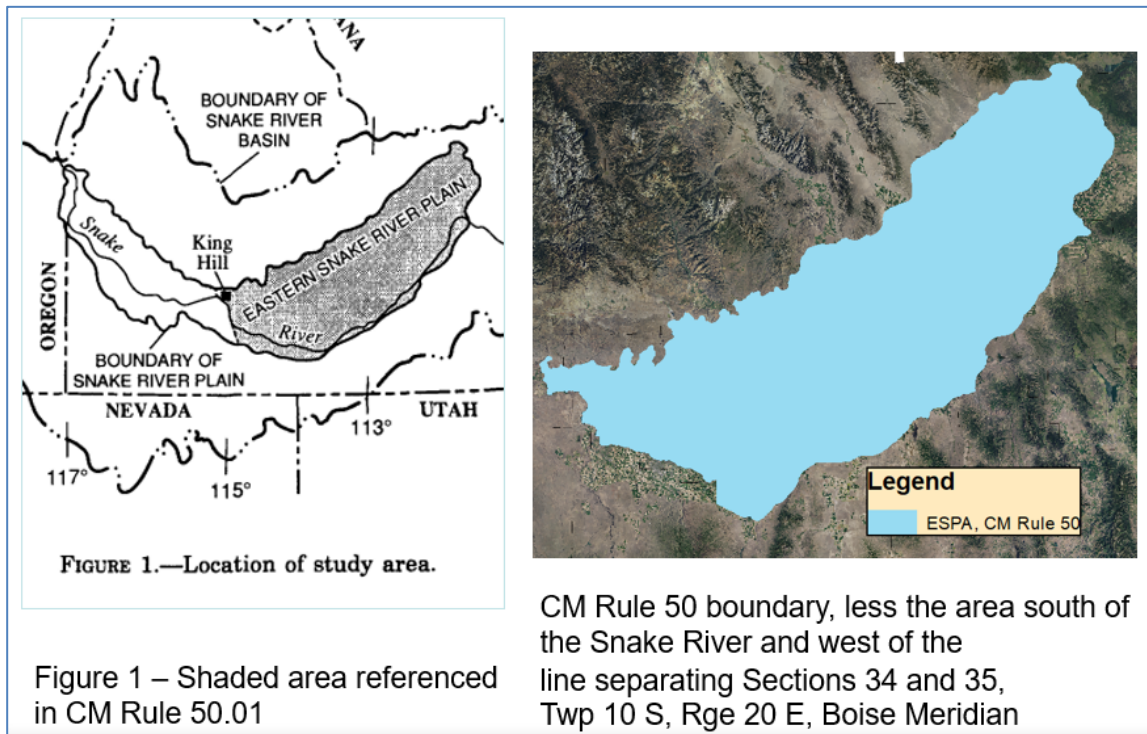


Figure 1

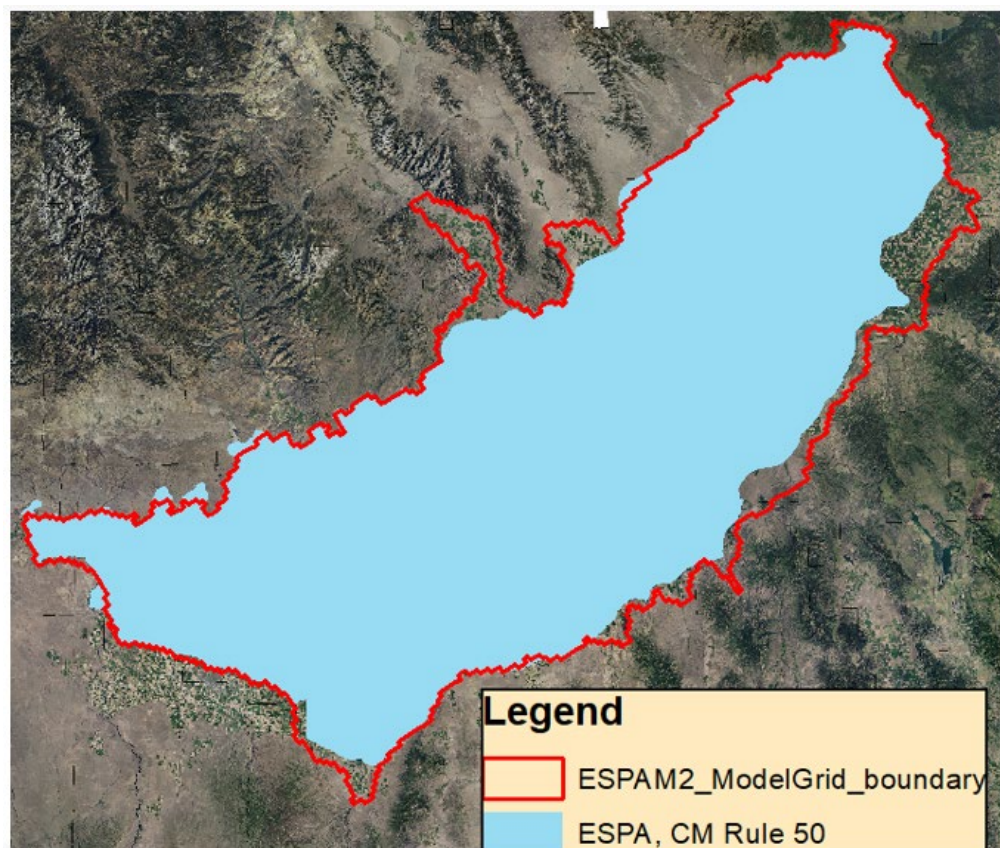


Figure 2

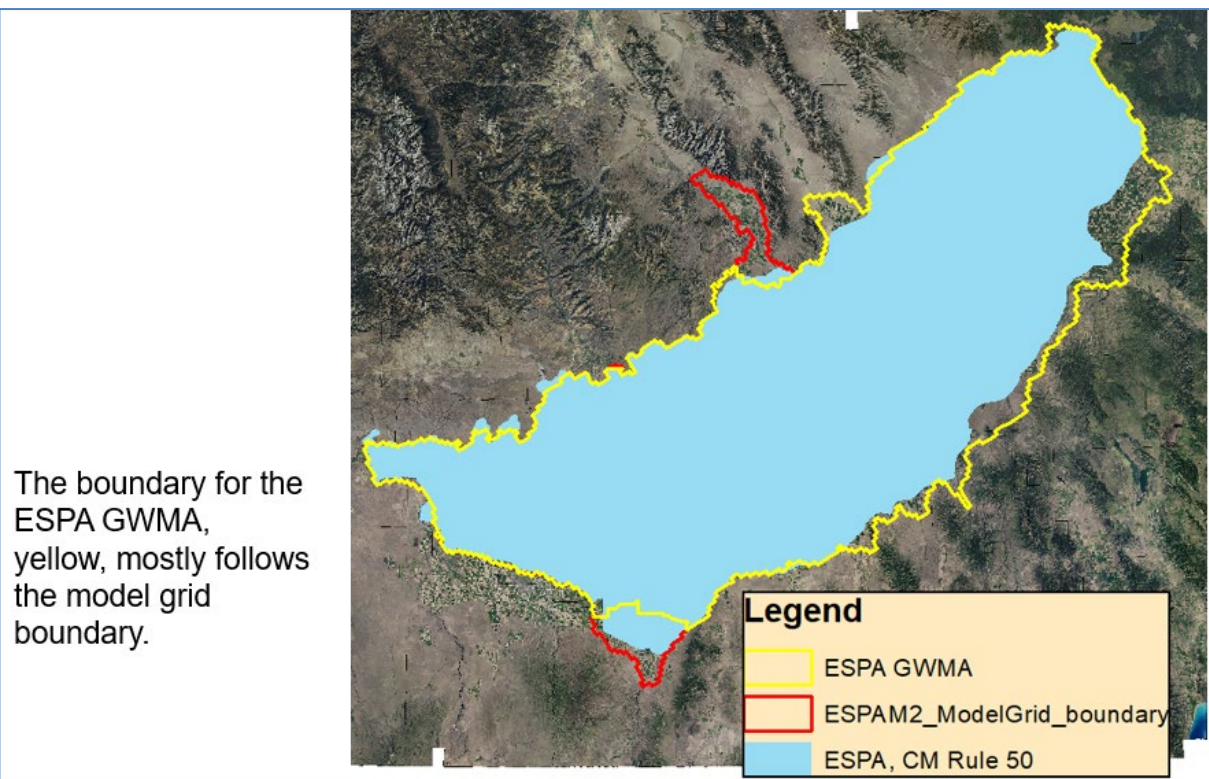


Figure 3

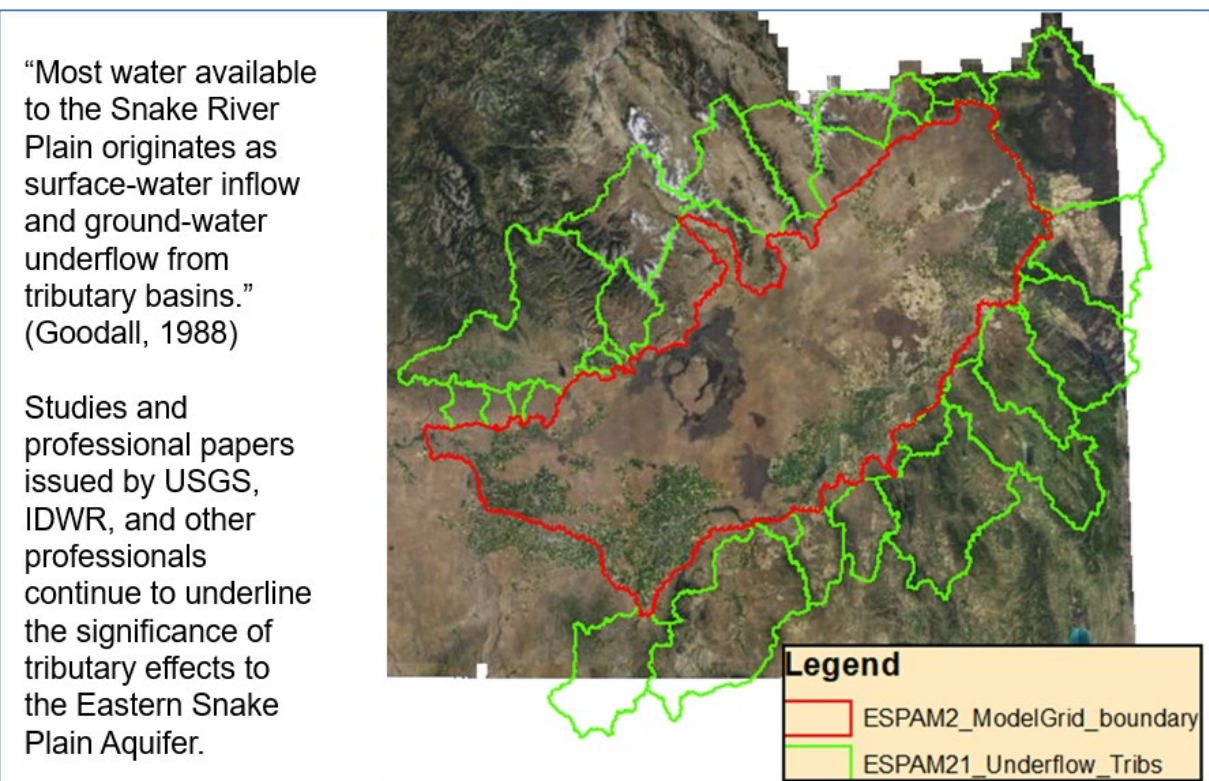


Figure 4

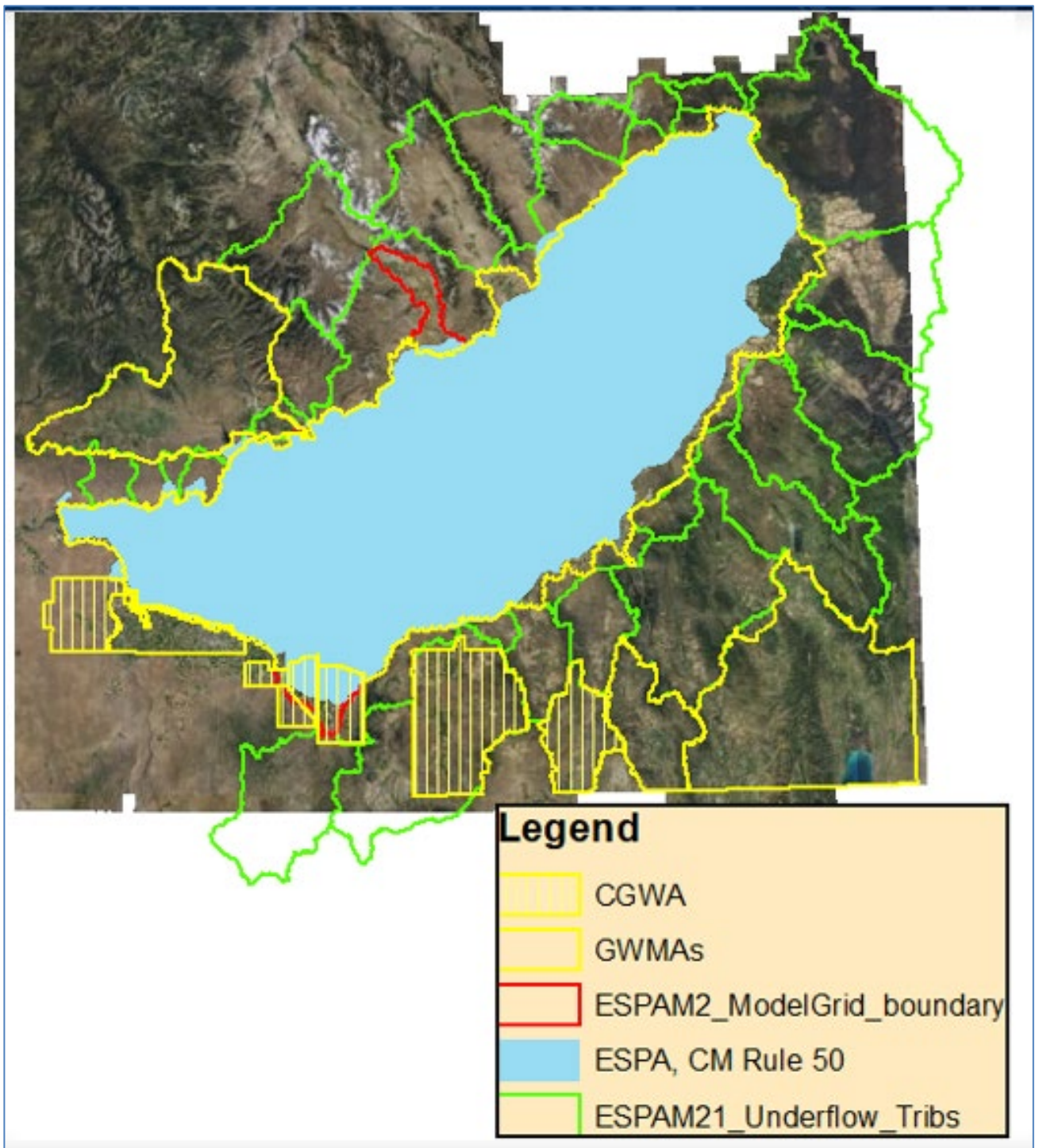


Figure 5

Reference

Goodell, S.A., 1988. Water Use on the Snake River Plain, Idaho and Eastern Oregon, U.S. Geological Survey Professional Paper 1408-E, 51 p., <https://pubs.er.usgs.gov/publication/pp1408E>.

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF ANNUAL)
EVALUATIONS OF WATER SUPPLY)
BANK RENTALS OF GROUND WATER)
WITHIN THE EASTERN SNAKE PLANE)
AQUIFER GROUND WATER)
MANAGEMENT AREA)

A RESOLUTION

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

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

WHEREAS, the Director of IDWR has designated a ground water management area (GWMA) for the ESPA; and

WHEREAS, the Board acknowledges that it may be appropriate to modify the terms for Water Supply Bank ESPA GWMA ground water rental agreements that are inconsistent with the ESPA GWMA plan;

NOW THEREFORE BE IT RESOLVED that the Board directs the Water Supply Bank to approve rentals of ground water within the boundaries of the ESPA GWMA, contingent upon the right of the Board to reconsider annually whether ESPA GWMA rentals should remain authorized for any remaining years of a rental agreement;

NOW THEREFORE BE IT FURTHER RESOLVED that the Water Supply Bank shall maintain a list of all ground water rentals within the ESPA GWMA and shall report to the Board annually on or before the final Board meeting of the calendar year, so that the Board may take action to revoke rental authorizations and cancel rental agreements for any remaining years of a rental agreement, prior to December 31 of the calendar year, for any ESPA GWMA rental that is inconsistent with the terms or objectives of the ESPA GWMA plan.

Dated this 24 day of March, 2017.



ROGER W. CHASE
Idaho Water Resource Board Chairman

Attest: _____


VINCE ALBERDI
Secretary

BEFORE THE IDAHO WATER RESOURCE BOARD

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

A RESOLUTION

1 WHEREAS, pursuant to Idaho Code 42-1762, the Idaho Water Resource Board (“Board”)
2 is charged with adopting rules and regulations governing the management, control, delivery and
3 use and distribution of water to and from the Water Supply Bank, and
4

5 WHEREAS, the Board is committed to the sustainability of the Eastern Snake Plain
6 Aquifer (ESPA) ground water resource, and
7

8 WHEREAS, the Board through the ESPA Comprehensive Aquifer Management Plan
9 (“CAMP”) is committed to reducing demand in the ESPA, including buyouts, buydowns and/or
10 subordination agreements, through adaptive management to balance water use and supplies, and
11

12 WHEREAS, the Director of IDWR has designated a ground water management area
13 (GWMA) for the ESPA; and
14

15 WHEREAS, IDWR guidance for rentals in the ESPA allows for the movement of water
16 across the ESPA model boundary, so long as any increase in depletion is mitigated for; and
17

18 WHEREAS, the Board acknowledges that it may be appropriate to modify the terms for
19 Water Supply Bank ESPA GWMA ground water rental agreements that are inconsistent with the
20 Board’s efforts to stabilize the ESPA;
21

22 NOW THEREFORE BE IT RESOLVED that the Board directs the Water Supply Bank to
23 approve rentals of ground water within the boundaries of the ESPA GWMA, consistent with
24 current rental guidance for moves in the Eastern Snake Plain as implemented by the Department,
25 contingent upon the right of the Board to reconsider annually whether ESPA GWMA rentals
26 should remain authorized for any remaining years of a rental agreement;
27

28 or
29

30 NOW THEREFORE BE IT FURTHER RESOLVED that the Board directs the Water
31 Supply Bank to limit rentals of ground water within the boundaries of the ESPA Area of Common
32 Ground Water Supply (“ACGWS”), also known as the Conjunctive Management (“CM”) Rule 50
33 boundary, from only ground water leased from a point of diversion within the same boundary;
34

35 or
36

37 NOW THEREFORE BE IT FURTHER RESOLVED that the Board directs the Water
38 Supply Bank to require rentals of ground water within the boundaries of the ESPA Area of
39 Common Ground Water Supply (“ACGWS”), also known as the Conjunctive Management

40 (“CM”) Rule 50 boundary, (or ESPA GWMA) to rent an additional ten percent (10%) as mitigation
41 by non-use;

42
43 NOW THEREFORE BE IT FURTHER RESOLVED that the Water Supply Bank shall
44 maintain a list of all ground water rentals within the ESPA GWMA, including any approvals of
45 ground water rights rented from leased diversions outside the ESPA GWMA to inside the ESPA
46 GWMA, or vice versa, and shall report to the Board annually on or before the final Board meeting
47 of the calendar year, so that the Board may take action to revoke rental authorizations and cancel
48 rental agreements for any remaining years of a rental agreement, prior to December 31 of the
49 calendar year, for any ESPA GWMA rental that is inconsistent with efforts to stabilize the ESPA.

Dated this 22nd day of July 2022.

JEFF RAYBOULD, Chairman
Idaho Water Resource Board

Attest: _____
JO ANN COLE-HANSEN, Secretary

Memorandum



To: Idaho Water Resource Board
From: Mary Condon
Date: July 22, 2022
Re: WSB Application & Processing Fees in WSB Rules, IDAPA 37.02.03

REQUIRED ACTIONS: The Board may establish criteria and fees for processing and maintaining applications.

The Idaho Water Resource Board (IWRB; Board) is responsible for operation of the Water Supply Bank.

Executive order of the Governor of Idaho for Zero-Based Negotiated Rulemaking for the Water Supply Bank Rules, IDAPA 37.02.03, in 2022 presents an opportunity for the Board to evaluate the current fees, clarify requirements for applicants in order to reduce processing times, and remove language which is repetitive or unnecessary. The current revisions in Version 3 of the redline reduces the word count by 9%, while the goal was a 20% reduction. A second negotiated stakeholder meeting will be on August 4th, before a final version of the rule is presented to the Board for adoption.

Lease Application Fees

025. Acquisition of Water Rights for the Board's Water Supply Bank
02. Application. Submitted with the completed application shall be:

Current Subrule:

- e. A lease application filing fee of two hundred fifty dollars (\$250) per water right up to a maximum total of five hundred dollars (\$500.00) for overlapping water rights which have a common place of use or common diversion rate or diversion volume. The lease filing fee described herein shall be deposited in the Water Administration Account and shall not apply to applications to lease stored water into rental pools described in Rule 40.

Current Redline Version 3

- e. A lease application filing fee of two hundred fifty dollars (\$250) per water right up to a maximum total of five hundred dollars (\$500.00) for overlapping water rights which have a common place of use or common diversion rate or diversion volume. ~~The lease filing fee described herein shall be deposited in the Water Administration Account and shall not apply to applications to lease stored water into rental pools described in Rule 40.~~

Rental Fees

030. Sale or Rental of Water Rights from the Board's Water Supply Bank

Current Subrule under Rule 30:

01. General. The Board may in its discretion initiate the process to sell or rent water rights from the Board's water supply bank to achieve the purposes stated in Rule 1. The Board may from time to time, as water rights are available, authorize the Director to announce the availability of the rights from the Board's

water supply bank, establishing a time and date for receiving applications to the office of the Director to purchase or rent the water rights. An application to rent shall be on a form or in a format provided by the Director. **The sale or rental price shall be the price, if any, as determined by the Board.** The Director will evaluate applications with respect to the purposes of Rule 1, as to whether there will be injury to other water rights, whether the proposal would constitute an enlargement of the water right, whether the water will be put to a beneficial use, whether the water supply available from applicable rights in the Board's water supply bank is sufficient for the use intended, and whether the proposal is in the local public interest. For applications submitted pursuant to the interim authority provided by Section 42-1763A, Idaho Code, the Director will only make an evaluation as to whether the proposed use of water will cause injury to other water rights. The Director may defer the evaluation of potential injury to other water rights conditioned upon the right of any affected water right holder to petition the Director pursuant to Section 42-1766, Idaho Code, to revoke or modify the rental approval upon a showing of injury.

Current Redline

01. General. The Board may in its discretion initiate the process to sell or rent water rights from the Board's water supply ~~bank to achieve the purposes stated in Rule 1. The Board may from time to time, as water rights are available, authorize the Director to announce the availability of the rights from the Board's water supply bank, establishing a time and date for receiving applications to the office of the Director to purchase or rent the water rights.~~ An application to rent, **or to amend an existing rental,** shall be on a form or in a format, **including digital format, provided established by the Director and will provide such additional information as the Board or Director may require for evaluating the proposed rental.** **The sale or rental price shall be the price, if any, as determined by the Board.** ~~The Director will evaluate applications with respect to the purposes of Rule 1, as to whether there will be injury to other water rights, whether the proposal would constitute an enlargement of the water right, whether the water will be put to a beneficial use, whether the water supply available from applicable rights in the Board's water supply bank is sufficient for the use intended, and whether the proposal is in the local public interest. For applications submitted pursuant to the interim authority provided by Section 42-1763A, Idaho Code, the Director will only make an evaluation as to whether the proposed use of water will cause injury to other water rights.~~ The Director may defer the evaluation of potential injury to other water rights conditioned upon the right of any affected water right holder to petition the Director pursuant to Section 42-1766, Idaho Code, to revoke or modify the rental approval upon a showing of injury.

holder to petition the Director pursuant to Section 42-1766, Idaho Code, to revoke or modify the rental approval upon a showing of injury.

Administrative Fee through Rental Pricing

Current Rule:

035. Handling of money associated with the Board's Water Supply Bank

Payments received by the Department from the sale or rental of water rights from the Board's water supply bank shall be handled as follows:

01. Credited Amount. **Ten percent (10%) of the gross amount received from the sale or rental of a water right from the Board's water supply bank,** and the entire lease application fee received pursuant to Rule 025 shall be credited to the Water Administration Account created by Section 42-238a, Idaho Code, or to the federal grant fund if the payment is received from a federal agency, for administrative costs of operating the Water Supply Bank. The ten percent (10%) charge described herein shall not apply to stored water rented from the rental pools described in Rule 040.

02. Excess Funds. Any funds in excess of the amount needed to compensate the owner of the water right in accordance with the resolution accepting the water right into the Board's water supply bank and the administrative charge of Rule Subsection 035.01 shall be credited to the Water Management Account created by Section 42-1760, Idaho Code, for use by the Board for the purposes of Rule 1.

Current Redline:

01. Fees collected pursuant to Rules 025 and 030, from the acquisition, sale, or rental of water rights for or from the Board's water supply bank, do not apply to rental pools described in Rule 040 ~~Payments received by the Department for the sale or rental of water rights from the Board's water supply bank and shall will~~ be handled as follows:

~~01a.~~ **Credited Amount.** Ten percent (10%) of the gross amount received from the sale or rental of a water right from the Board's water supply bank and the entire lease application fee received pursuant to Rule 025 shall be credited to the Water Administration Account created by Section 42-238a, Idaho Code, or to the federal grant fund if the payment is received from a federal agency, for administrative costs of operating the Water Supply Bank. ~~The ten percent (10%) charge described herein shall not apply to stored water rented from the rental pools described in Rule 040.~~

~~02b.~~ **Excess Funds.** Any funds in excess of the amount needed to compensate the owner of the water right in accordance with the resolution accepting the water right into the Board's water supply bank and the administrative charge of Rule Subsection 035.01.a shall be credited to the Water Management Account created by Section 42-1760, Idaho Code, for use by the Board for the purposes of Rule 1.

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE BOISE WARM SPRINGS
WATER DISTRICT LOAN REQUEST

RESOLUTION TO AUTHORIZE LOAN FUNDING
FOR REPAIR OF GEOTHERMAL SYSTEM

1 WHEREAS, the Boise Warm Springs Water District (District) submitted a loan application to the
2 Idaho Water Resource Board (IWRB) in the amount of \$2,810,000.00 to cover costs for a project to
3 repair its geothermal system (Project); and
4

5 WHEREAS, the District, located in Ada County, delivers hot water for approximately 300
6 customers in Boise, Idaho; and
7

8 WHEREAS, the District's geothermal system has been continuously in operation since 1892, and
9 is the oldest operational geothermal system in the United States; and
10

11 WHEREAS, the District contracted with Great West Engineering (GWE) to conduct an analysis of
12 its system, that determined there to be an estimated 8-17% in water losses and increasing risk of system
13 failure due to aging infrastructure; and
14

15 WHEREAS, several the components of the geothermal system will need to be replaced to reduce
16 water losses and ensure the long term viability of the system; and
17

18 WHEREAS, total project costs are estimated to be \$3,097,000, of which the District will cover
19 \$287,000, and is requesting a loan in the amount of \$2,810,000 from the IWRB to cover the remaining
20 project costs; and
21

22 WHEREAS, in November of 2020, the District passed a bond election in the amount of
23 \$3,142,000 approving funding for the Project; and
24

25 WHEREAS, the District is a qualified applicant, and the proposed Project is eligible for a loan
26 from the IWRB's Revolving Development Account; and
27

28 WHEREAS, the proposed Project is in the public interest and is in compliance with the State
29 Water Plan.
30

31 NOW THEREFORE BE IT RESOLVED that the IWRB approves a loan not to exceed \$2,810,000
32 from the Revolving Development Account at 2.45% interest with a 20-year repayment term.
33

34 NOW THEREFORE BE IT FURTHER RESOLVED that the IWRB provides authority to the Chairman
35 of the IWRB, or his designee, to enter into contracts, to effectuate the loan, on behalf of the IWRB.

DATED this 22nd day of July 2022.

JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST _____
JO ANN COLE-HANSEN, Secretary

Resolution No. _____

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