



AGENDA

IDAHO WATER RESOURCE BOARD

Board Meeting No. 10-24 WORK SESSION

Thursday, September 12, 2024
9:00 a.m. (MT) / 8:00 a.m. (PT)

Courtyard - Pocatello
Conference Room
290 Vista Drive
POCATELLO

Livestream available at <https://www.youtube.com/@iwrp>

Brad Little
Governor

Jeff Raybould
Chairman
St. Anthony
At Large

Jo Ann Cole-Hansen
Vice Chair
Lewiston
At Large

Dean Stevenson
Secretary
Paul
District 3

Dale Van Stone
Hope
District 1

Albert Barker
Boise
District 2

Brian Olmstead
Twin Falls
At Large

Marcus Gibbs
Grace
District 4

Patrick McMahon
Sun Valley
At Large

1. Roll Call
2. Mountain Home Air Force Base Water Resilience Project
3. Regional Manager's Report
4. American Falls Dam Facilities
5. Non-Action Items for Discussion
6. Adjourn

The board will break for lunch at approximately 11:30 AM. Following lunch, they will attend a field trip of the American Falls Reservoir Dam. Transportation will be provided for board members and invited guests only.

* Action Item: A vote regarding this item may be made at 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
From: Mike Morrison
Date: September 5, 2024
Re: Mountain Home Air Force Base Water Resilience Project



REQUIRED ACTION: No action is required.

Project Update

Project Status: The project is on-schedule and under budget. We have obtained all permits needed to begin construction of the inlet, pump station, and penstock in Snake River Canyon ("In-Canyon-Work"); however, delays obtaining these permits have resulted in schedule changes and a concomitant increase in construction costs.

Timeline: Staff is working with its Design-Builder, IMCO Construction, to assure that In-Canyon-Work is completed prior to the beginning of the 2025 nesting season.

- **Sept 2024 ~~Aug 2024~~:** In-Canyon-Work begins (inlet, pump station, and penstock).
- **Oct 2024:** Pipeline construction outside canyon rim complete.
- **May 2025:** In-Canyon-Work complete.
- **June 2025:** Acceptance Testing Complete.
- **July 2025:** Hand-off to Air Force

Coordination with the Air Force: In April, the Air Force awarded a design-build contract for the Water Treatment Plant to a team headed by RSCI. The Air Force does not anticipate completing the Water Treatment Plant before July, 2027. Staff and the Board's contractors have been working with RSCI to assure the interoperability of the Water Transmission System and Water Treatment Plant.

Staff has also been working with the Air Force to draft an Omnibus Gift Package by which ownership of the Water Transmission System will be transferred to the Air Force. The Omnibus Gift Package includes the legal instruments for transferring ownership of the Water Transmission System, permits, easements, and Rights-of-Way from the Board to the Air Force.

The Omnibus Gift Package will also include a Water Use Agreement ("WUA") to provide municipal water to the base year-round via a new water right, a Water Supply Bank lease, and rental of water rights purchased from Simplot.

MHAFB Water Resilience Project



Project Update

Dr. Mike Morrison, P.E.

Water Planning/Projects Bureau Engineer



Project Status

The background image shows a large yellow excavator with a long boom, positioned in a desert-like environment. The excavator is the central focus, with its arm and bucket visible. The ground is sandy and uneven, suggesting a construction site. In the distance, there are low hills under a clear blue sky. The overall scene is bright and sunny.

- Project is currently on-schedule and under budget.
- Pipeline work is substantially complete along HWY 167 and in-progress on Strike Dam Cutoff Road and Air Base Road.
- All permits have been obtained, enabling construction of the inlet, pump station, and penstock (In-Canyon-Work).

Timeline



Dec 2023: Contract approved.

Jan 2024: Begin purchasing long lead-time items.

May 2024: Complete design package. Begin work outside canyon rim.

September 2024 (~~August 2024~~): Begin In-Canyon Work.

Oct 2024: Pipeline construction complete.

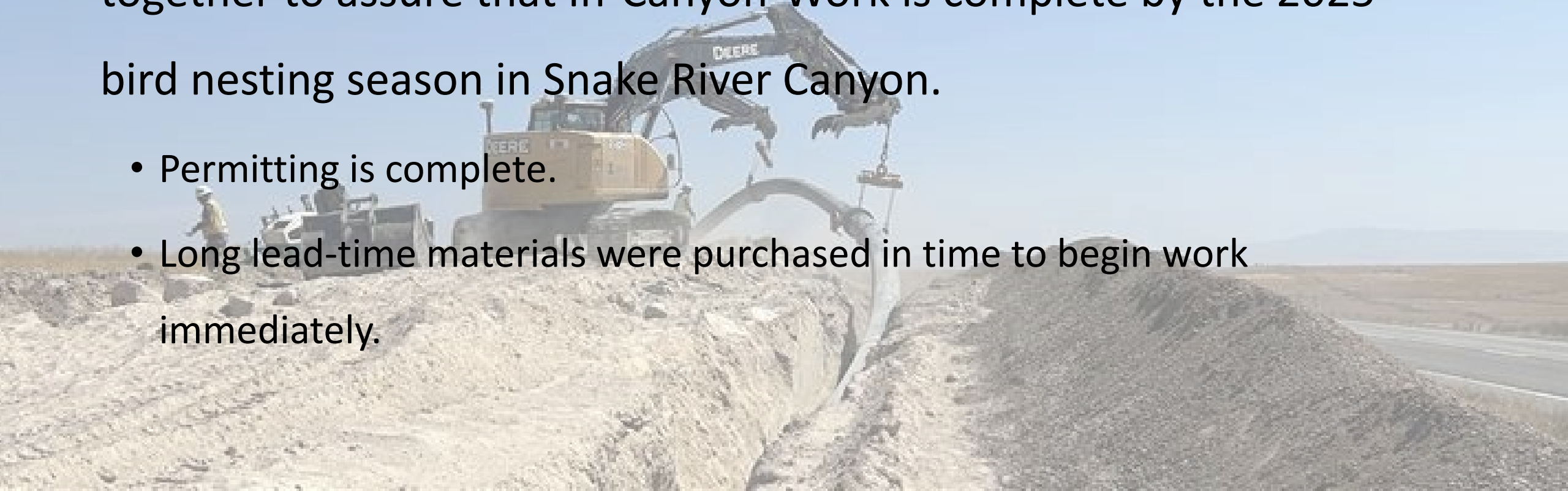
May 2025 In-Canyon (intake, pump station, penstock) complete.

June 2025: Acceptance testing complete.

July 2025: Hand-off to Air Force.

Getting Back on Schedule

- Staff and the Board's Design-Build Firm, IMCO, are working together to assure that In-Canyon-Work is complete by the 2025 bird nesting season in Snake River Canyon.
- Permitting is complete.
- Long lead-time materials were purchased in time to begin work immediately.



Coordination with the Air Force

A background image showing a large excavator with a long boom, likely a Deere model, working on a construction site. The excavator is positioned in the center-right of the frame, with its arm extended upwards. In the foreground, a worker wearing a high-visibility yellow vest and a hard hat is standing on the dirt ground. The ground is uneven and appears to be a construction site. The sky is clear and blue. The overall scene is a typical construction or earthmoving operation.

- Staff and the Air force are developing an Omnibus Gift Package that will:
 - Transfer ownership of the inlet, pump station, and pipeline to the Air Force.
 - Transfer all permits, easements, and Rights-of-Way to the Air Force.
 - Include a Water Use Agreement whereby the Board manages the necessary water rights, leases, and rentals on behalf of MHAFB.

Questions?



Air Force Update: USAF/IWRB Partnership



- Ms. Shelly Schmidt is a Registered Architect/Engineer with Installation Energy Policy and Programs, Office of the Deputy Assistant Secretary of the Air Force (Environment, Safety, and Infrastructure)
- She will speak about:
 - The Importance of the partnership between MHAFB, the State of Idaho, and the Air Force.
 - The Impact that this project has had on how the Department of the Air Force approaches water security at its installations across the country.

Department of the Air Force

Mountain Home Air Force Base Water Resilience Partnership



Ms. Shelly Schmidt
Office of the Deputy Assistant Secretary of the Air Force (Environment,
Safety, & Infrastructure)
12 September 2024

Overview

- Introductions
- Partnership Overview
- Future Direction & Next Steps

Introductions



Shelly Schmidt, DAF

Registered Architect/Engineer Installation
Energy Policy & Programs

Office of the Deputy Assistant Secretary of the
Air Force (Environment, Safety, & Infrastructure)

Partnership Overview



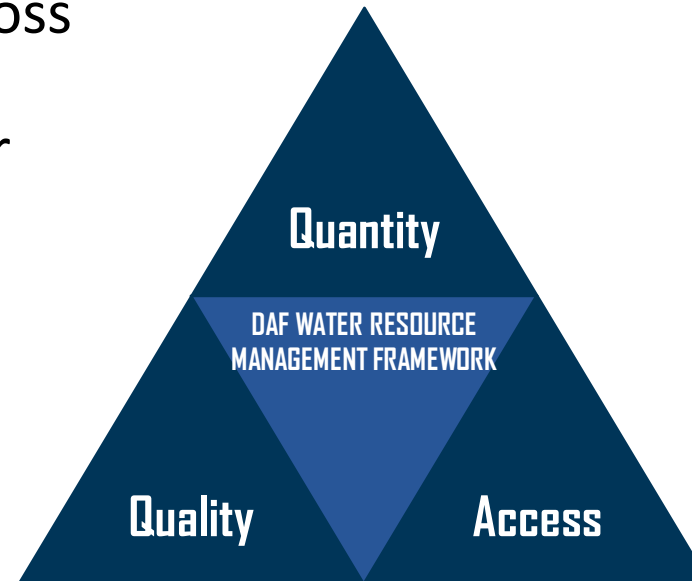
Partnership Overview Continued

- Critical Partnership
- Enabling Department of the Air Force (DAF) Capabilities
- Collaboration is essential for Mission Assurance

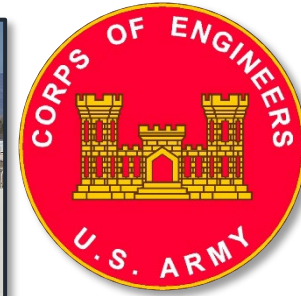


Future Direction & Next Steps

- Future Direction:
 - Impacting DAF water security across the Enterprise
 - Mission Assurance through Water Assurance
- Next Steps
 - Mountain Home AFB's Water Treatment Plant Construction
 - Beneficial Use Contingency Plan
 - Execute "Water Use Agreement (Mountain Home Air Force Base)"
 - Omnibus
 - Prepare Official Gift Package



Questions?



Air Force Update: Water Treatment Plant

- Mr. Eric Bowden (“Coach”) is the Chief of Operations and Training at the Air Force Civil Engineering Center’s Design and Construction Branch.
- He will speak about:
 - Water Treatment Plant Design-Build Progress.
 - Water Treatment Plant Schedule



WTP Construction Zone



WTP Project Schedule

- DB Construction Contract: Awarded 4 April 2024
 - RSCI & Jacobs
- Pre-Construction Meeting: 12 Aug 2024
- Fast Track Design Finalized: 9 Sept 2024
 - 60% Design Review: Oct 21 – 24
 - 95% Design Review: Jan 2025
- Commissioning of Raw Water Tanks – May 2025
- Construction Complete – Summer 2026

REGIONAL MANAGER'S REPORT

IWRB September Meeting – Pocatello

Work Session – Sept. 12, 2024

JAMES CEFALO - IDWR EASTERN REGIONAL MANAGER

- Born and raised in Northern Utah.
- Civil Engineering Degree from University of Utah.
- Law Degree from University of Colorado.
- Joined IDWR in July 2007. Became Regional Manager in 2019.
- Hearing officer for contested cases.
- Facilitator for ESPA GWMA Advisory Committee.



Black Canyon of the Gunnison National Park

James Cefalo
Regional Manager

Brian Normandeau
Engineer – Dam Safety
WD27 (Blackfoot R)

Michael Holliday
WR Supervisor

Blake Jordan
WR Supervisor -
WD 100,110,120

Christopher Holmes
BRBA Supervisor
Preston Field Office

Craig Chandler
Watermaster WD01

Christina Henman
Admin Assistant

Jonie Baily
Tech Records Spec.

Ryan Tracy
Sr. Agent – Well Drilling

Jose Pacheco
WR Agent

Shelly Bradford
Sr. Financial Spec. WD I

Misty Pettis
Office Specialist 2

Cooper Fritz
Sr. Agent – Recharge

Jon Davidson
WR Agent – Enforcement

Kyle McMurray
WR Agent

Amanda Fowler
Sr. Agent – WD I

Jake Nebeker
Sr. Agent – GW Levels

Harrison Haddock
WR Agent – WDs 100, 110,
120

Marion Beck
Tech Records Spec.

Caden Hall
Engineer Intern – WD I

Christian Stewart
WR Agent

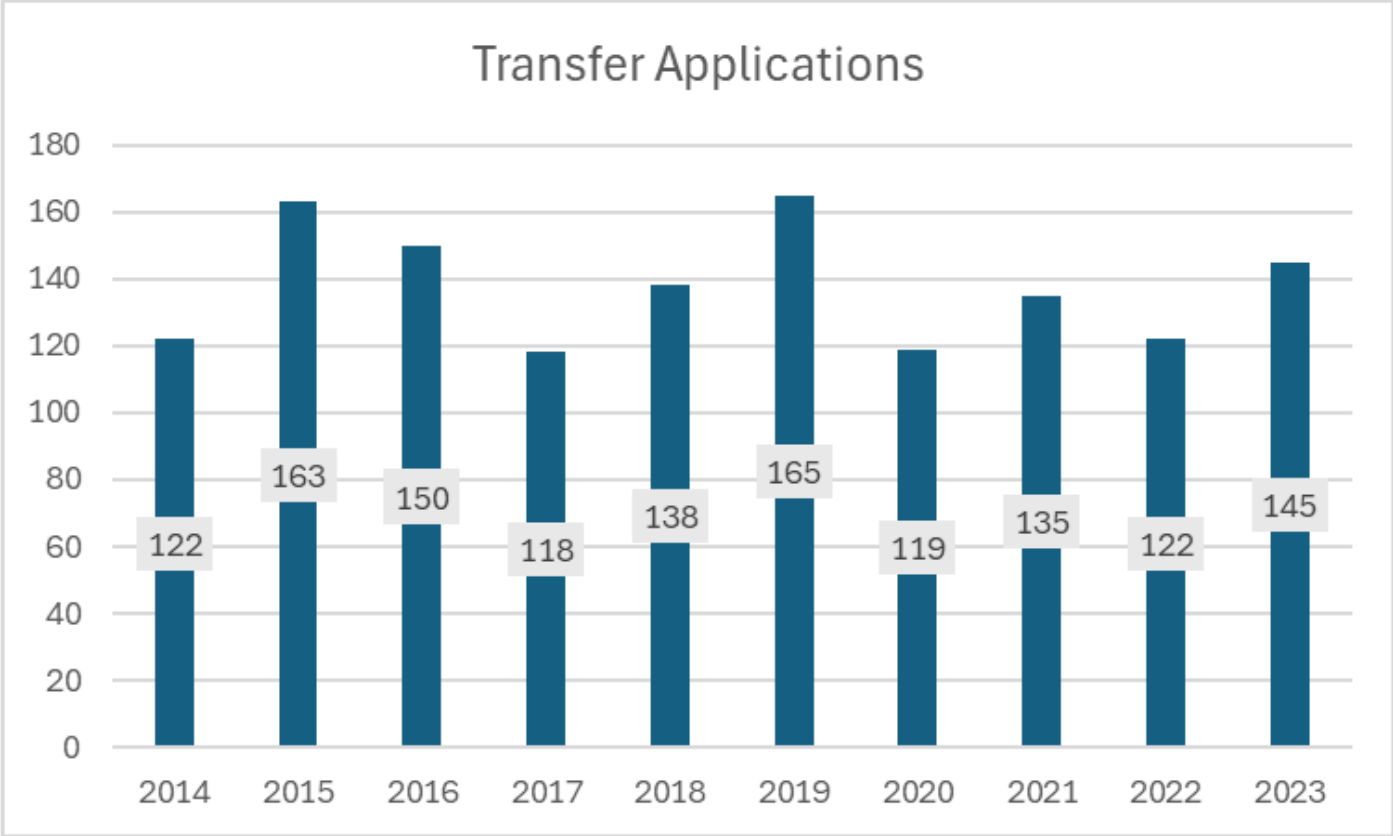
Tanner Wood
WR Agent – WDs 100, 110,
120

Collin Glass
WR Agent

Scott Stosich
Sr. Agent – WD I

Brian Wunsch
WR Agent

EASTERN REGION WORKLOAD - TRANSFERS

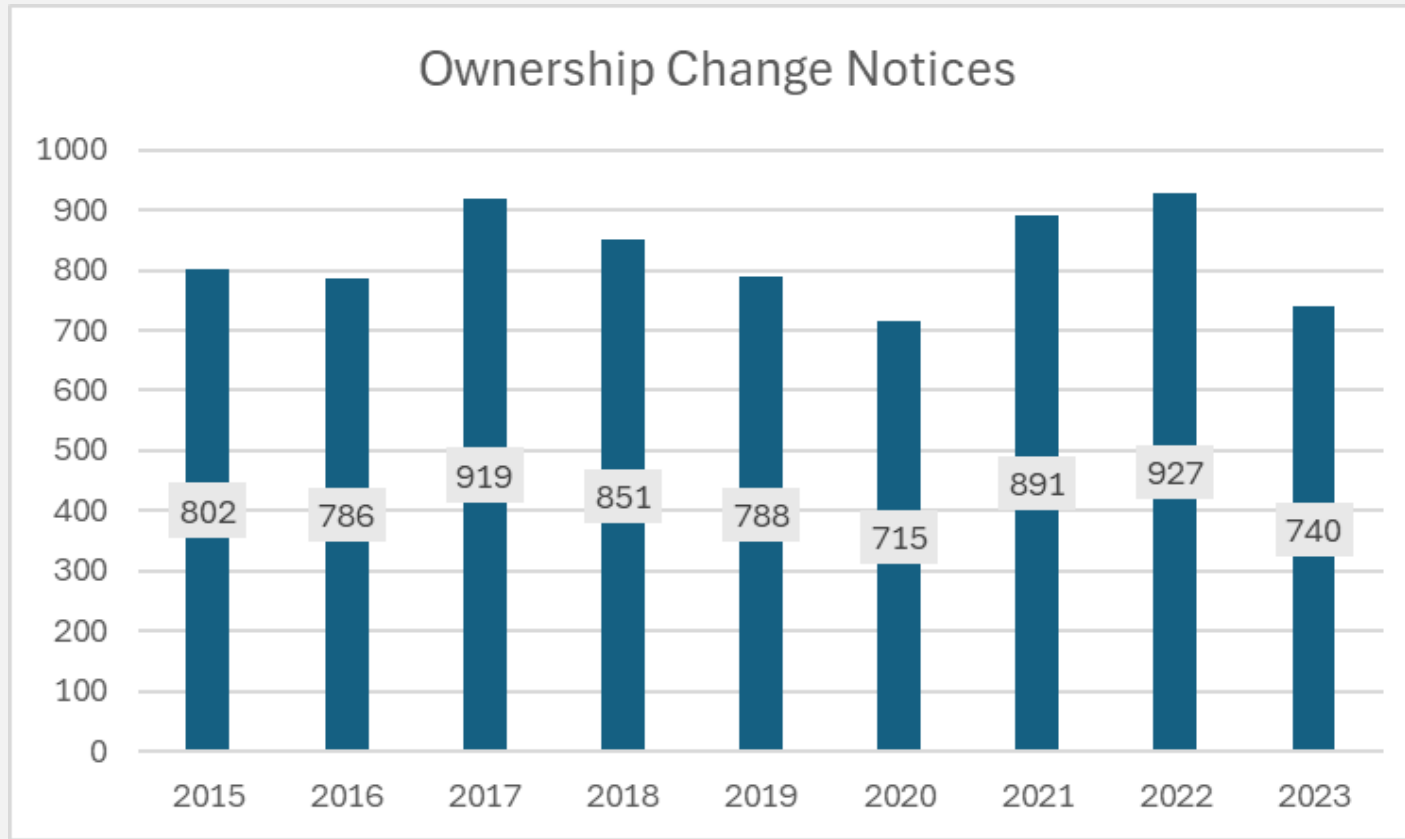


Average = 138 apps/year

No noticeable trend.

60 apps filed so far in 2024.

EASTERN REGION WORKLOAD – OWNERSHIP NOTICES

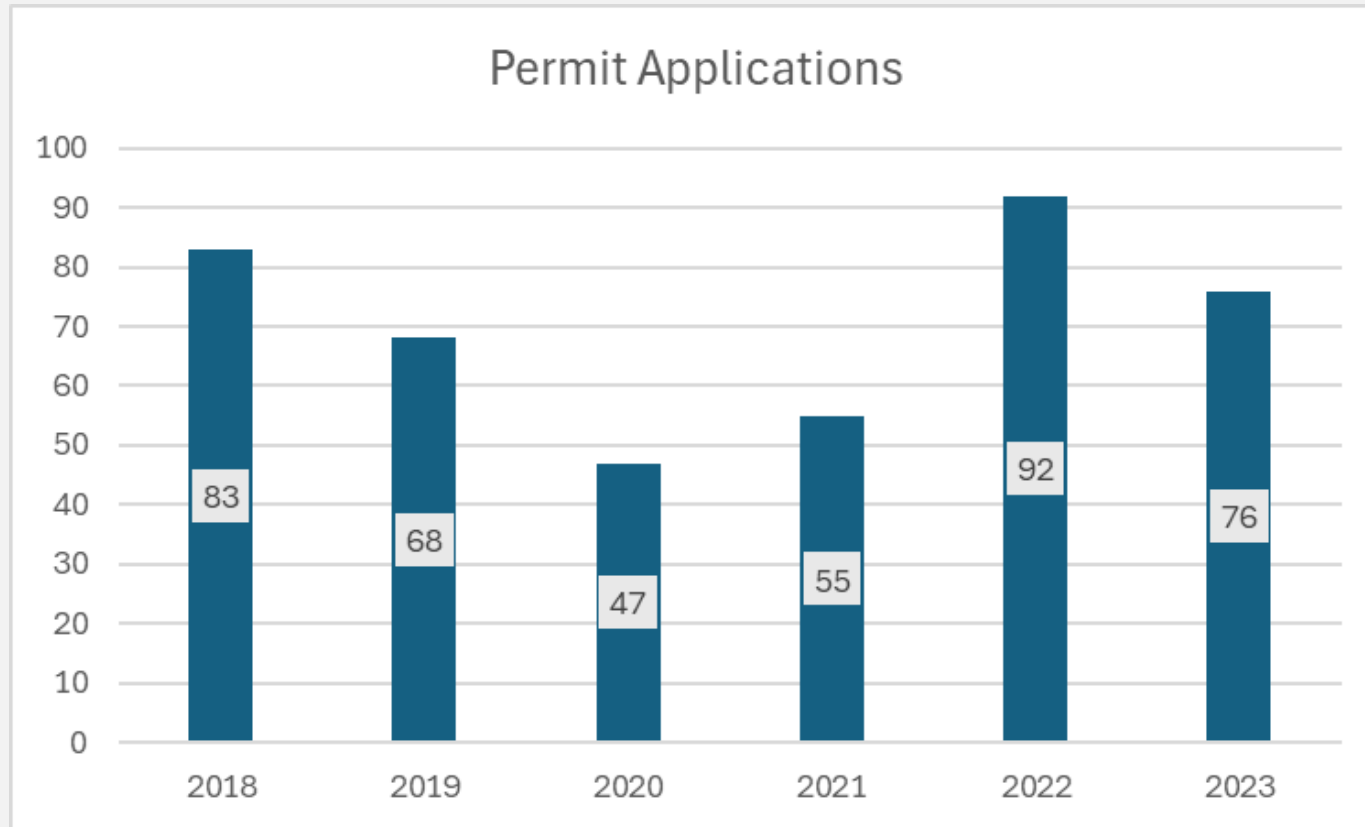


Average = 824 notices/year

No noticeable trend.

Increased activity in Bear River Basins.

EASTERN REGION WORKLOAD - PERMITS



Average = 70 apps/year

Does not include 277 apps filed for Lemhi Basin Streamflow Maintenance.

Applications in Bear River Basins have doubled since the BRBA commencement.

ESPA ACTIVITIES

- ESPA GWMA Advisory Committee Update
 - Committee of thirteen representatives from various organizations.
 - Twelve meetings of full committee over last year and multiple breakout session.
 - Topics: annual allocations, multi-year averaging or blocking, measurement and reporting, enforcement, long-term and short-term objectives, metrics for success, future adjustments, non-irrigation rights.
 - Committee was not able to reach consensus on most topics.
 - August 30, 2024, Memo to Governor Little and Director Weaver ending committee process and providing documents summarizing the topics for a management plan and the positions of the committee members.
- Ongoing Settlement Discussions for Surface Water Coalition Delivery Call
 - Parties are meeting every two weeks.
 - Many of the topics being discussed are the same topics discussed by ESPA GWMA Advisory Committee.



Russian Olive Trees can consume at least 1.6 af/ac/year. Invasive Plants are Slurping up Precious Water in Drought-Stricken Southwest Colorado. The Colorado Sun (5/5/2022)

WATER DISTRICT CHANGES

- New Water Districts in Upper Salmon River Basin.
- Expansion of Water Districts 110 and 120 to match ESPA Model Boundary.
- Water District 129 – Ground Water Rights in Portneuf River Basin.
- Expansion of Area of Common Ground Water Supply / Additional Water Districts.
- Department's Role: Public Information Meetings, Public Hearing, Orders, Appeals, Steering Committee, Inventories, Watermaster Support



Downey, Idaho
Looking at the West, Andrew McAllister

ENFORCEMENT OF DOMESTIC EXEMPTION

- Substantial expansion in the use of the domestic exemption, particularly in subdivisions. Rather than constructing a community well, each lot owner constructs an exempt domestic well.
- Idaho Code § 42-111(1)(a) limits the domestic exemption to no more than $\frac{1}{2}$ acre of irrigation.
- Subdivisions with lots larger than 0.7 acres often result in domestic irrigation exceeding the $\frac{1}{2}$ -acre limit.
- Challenges in enforcement of domestic exemption:
 - Enforcement actions must be pursued against each lot owner.
 - Simple enforcement cases takes at least ten hours of staff time.
 - Many subdivisions are within canal company service areas.
 - Difficult to curtail only the outside uses around a home.
 - Civil penalties (\$300/acre) are negligible for small acreage.
- Potential solutions?
 - Establish separate, strict penalty for violation of $\frac{1}{2}$ acre limit.
 - Streamline enforcement process for domestic exemption.
 - Enforcement agents dedicated entirely to domestic uses.



Elk Ridge Estates Subdivision, Jefferson County (Avg parcel size = 1 acre; Avg irrigation = 0.7 acres)

FINAL THOUGHTS

- Eastern Region is experiencing the same population growth and increased well drilling activity as seen in other regions and highlighted in previous board meetings.
- Regional staff will benefit from improved IT support for software development.
- In areas subject to Amended Snake River Moratorium, we are seeing proposals to stretch the domestic exemption beyond its historical limits.
- Significant effort of Eastern Region staff in 2023 Curtailment.
- Despite negative statements in news articles and social media, Eastern Region staff continue to have positive interactions with individual water users and provide help and efficient service to customers.

Questions / Discussion



Natural Bridges National Monument
Jacob W. Frank, National Park Service

Memorandum



To: Idaho Water Resource Board
From: Neeley Miller, Planning & Projects Bureau
Date: September 9, 2024
Re: American Falls Dam Facilities Presentation

Action: no action at this time

Representatives from Reclamation and Idaho Power will provide presentations on features of the American Falls Dam.

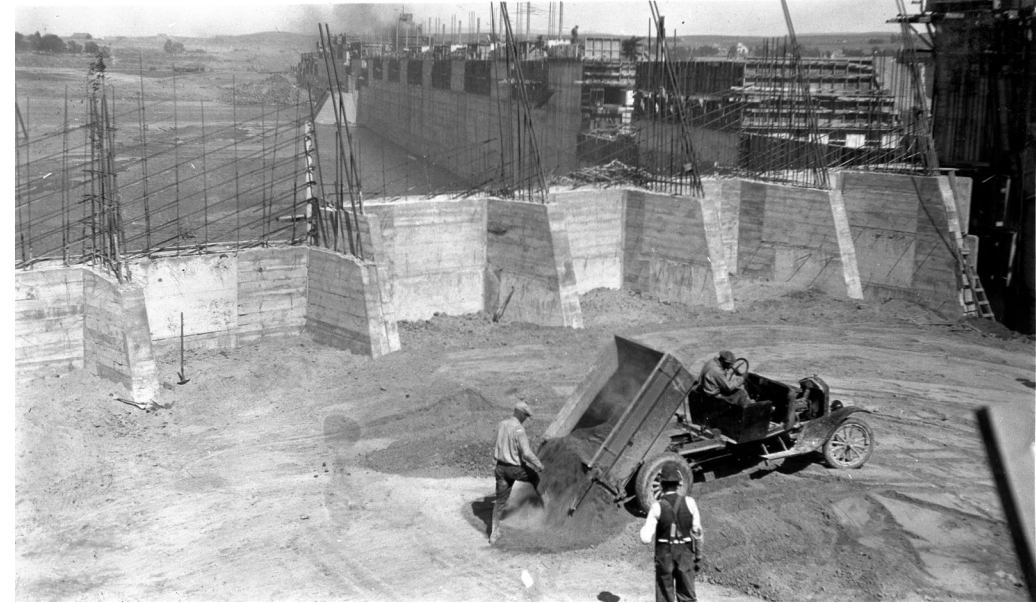
American Falls Dam Project Updates

September 12, 2024



American Falls Dam Background

- Original Construction
 - 1925-1927
- Reconstructed
 - 1976-1978
- Operating Head
 - 78.0 ft
- Top of Active Pool
 - 4,354.5 ft



American Falls Dam Background cont.

- Reservoir Capacity
 - 1,672,590 acer-feet
- Drainage Basin
 - 13,580 sq mi
- Water Passage Capacity (121,400 cfs)
 - Spillway
 - 87,000 cfs
 - Outlet Works
 - 19,400 cfs
 - Powerplant (IPC)
 - 15,000 cfs



American Falls Budget

Dam Allocation

- 27.80% Federal Appropriation
- 33.00% Idaho Power
- 39.20% Water Users (37 Water Users)



Reservoir Allocation

- 41.50% Federal Appropriation
- 58.50% Water Users (37 Water Users)



American Falls IWRB Grant Assistance

Project	<u>2015-2023</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>2031</u>	<u>2032</u>
Spillway Repair	\$ 12,100,000										
Trunnion Pin Replacement		\$ 1,302,000	\$1,845,000	\$1,400,000	\$1,400,000	\$1,400,000					
Guard Gate Frame Inspection/Repair		\$80,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	
Dam Intakes Replacement (Design)							\$250,000				
Dam Intakes Replacement (Acquisitions)								\$100,000			
Dam Intakes Replacement (Construction)									\$1,450,000	\$1,450,000	\$1,450,000
Annual Total	\$12,100,000	\$1,382,000	\$1,895,000	\$1,450,000	\$1,450,000	\$1,450,000	\$300,000	\$150,000	\$1,500,000	\$1,500,000	\$1,450,000
Reclamation Appropriated (27.8%)	\$3,363,800	\$384,196	\$526,810	\$403,100	\$403,100	\$403,100	\$83,400	\$41,700	\$417,000	\$417,000	\$403,100
Spaceholder (39.2%)	\$4,743,200	\$541,744	\$742,840	\$568,400	\$568,400	\$568,400	\$117,600	\$58,800	\$588,000	\$588,000	\$568,400
Idaho Power Falling Water (33%)	\$3,993,000	\$456,060	\$625,350	\$478,500	\$478,500	\$478,500	\$99,000	\$49,500	\$495,000	\$495,000	\$478,500
Spillway Credit	\$ (5,293,936)										
Spaceholder and Falling Water Annual Total	\$3,442,264	\$997,804	\$1,368,190	\$1,046,900	\$1,046,900	\$1,046,900	\$216,600	\$108,300	\$1,083,000	\$1,083,000	\$1,046,900

Spillway, Trunnion Pins and Guard Gates Repairs and Dam Intakes Replacements

Spaceholder and Falling Water Total \$12,486,758



AMF Spillway Repair Final Expenses

- Projected Project Total Budget - \$13,054,132.88
 - 27.80% Appropriated - \$3,629,701.65
 - 33.00% Idaho Power (direct) - \$4,307,863.85
 - 39.20% Spaceholders - \$5,116,567.38
- Original Contract Bond Credit - \$(5,293,935.80)
 - 33.00% Idaho Power (direct) - \$(2,419,833.53)
 - 39.20% Spaceholders - \$(2,874,102.27)
- Redistributed Project Budget- \$13,054,132.88
 - 68.37% Appropriated - \$8,923,658.89
 - 14.46% Idaho Power (direct) - \$1,888,020.53
 - 17.17% Spaceholders - \$2,242,453.45





Aug 22, 2022 at 3:43:18 PM

American Falls Trunnion Pin Budget Update

- Projected Project Total Budget - \$7,809,315
 - 27.81% Appropriated - \$2,171,380
 - 33.00% Idaho Power Falling Water - \$2,577,074
 - 39.20% Spaceholders - \$3,060,861
 - Total Project Expended as of 7/31/2024 - \$2,791,600
 - FY25 Project Cost Estimate - \$2,290,228
 - FY26 Project Cost Estimate - \$2,253,575
 - FY27 Project Cost Estimate - \$70,400
 - FY28 Project Cost Estimate - \$TBD
- All out-year costs are estimates only and will be updated annually
- Any unexpended funds from FY24 estimate will be moved to FY25



American Falls Trunnion Pin Replacement



- Crane Pad on East side of Spillway and Self-Erecting Crane



American Falls Trunnion Pin Project Status Updates



- Year 2 targeting work on gates #3, 4, 5 and crane pad.
- Work on gate #3 began 8/25.
- Work window this year is anticipated through 11/9/2024.

American Falls Radial Gates



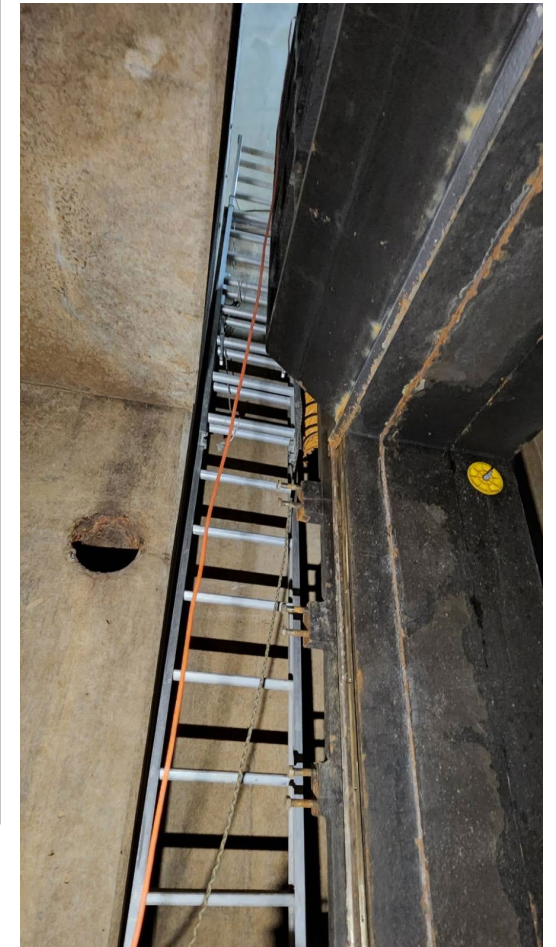
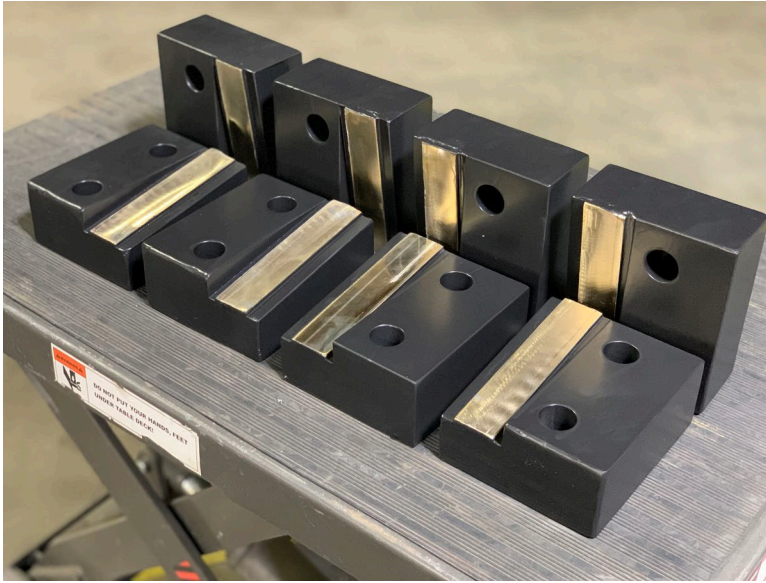
- New set of Trunnion Pins



- Installing pin in Gate #4



Guard Gate Frame Inspection/Repair



- 9 Outlet Works
- Each one has a Guard Gate and a Service Gate
- FY23 Gate 9 repair work Completed - \$26,837.49
- FY24 work postponed due to staffing, materials - \$10,368.58



Site Visit - Safety

- Emergencies – Call 911
- First Aid Kits available in Government Vehicles
- Slip, Trips, & Falls
 - Multiple flights of stairs
 - Watch your footing, use handrails
- HWY39
 - Be aware of traffic, wear high visible vest when crossing
 - Falling objects from the overhead highway
- Construction area
 - Hard hat, high visible vest, safety glasses



Ryan Bliss
O&M Program Manager
Upper Snake Field Office
Bureau of Reclamation



— BUREAU OF —
RECLAMATION

Relicensing the American Falls hydroelectric power plant with FERC



For the IWRB 9-12-24

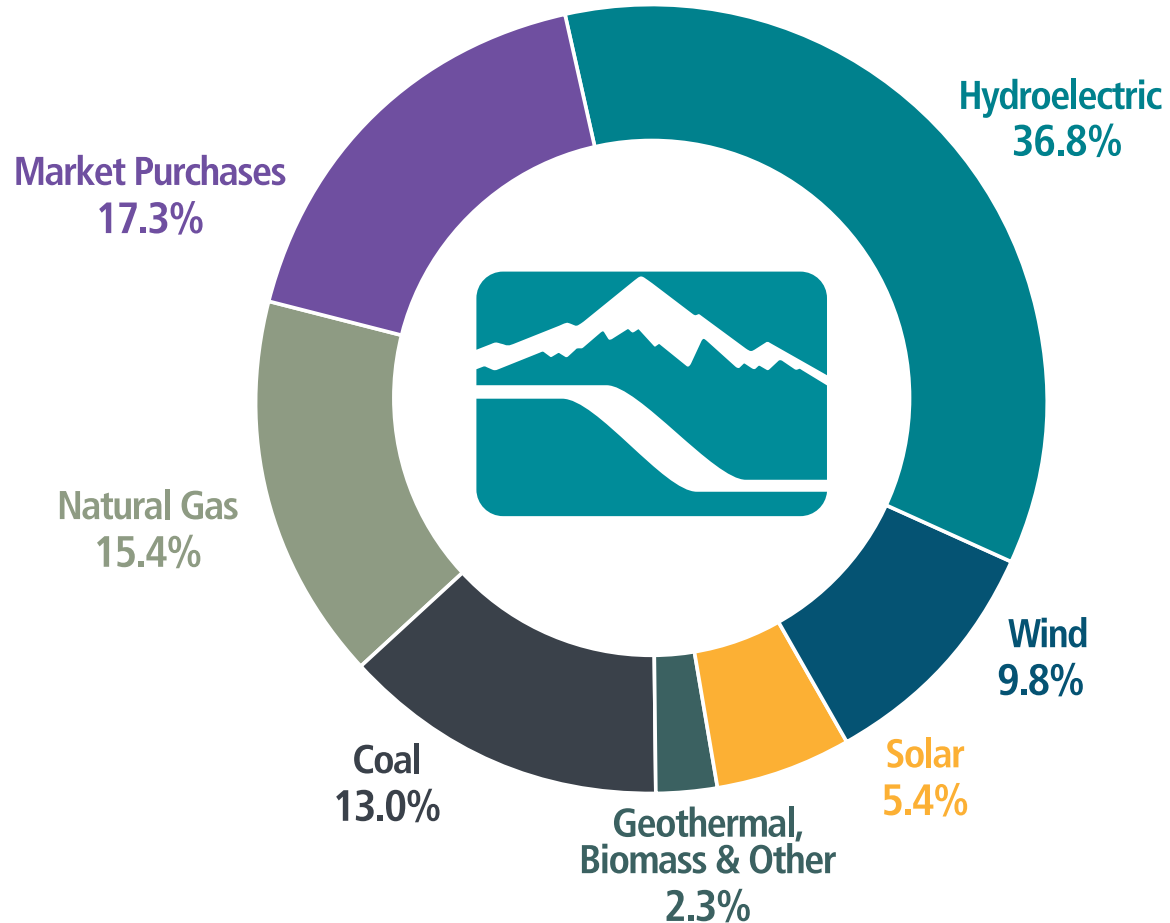
Andrea Courtney, IPC

Roadmap

1. Hydropower importance
2. Lay of the land map... er lay of Idaho Power's hydropower plants
3. American Falls powerplant history
4. Current pictures
5. FERC highlights
6. Key dates in American Falls relicensing
7. Notable issues

Clean Energy

2023 Energy Mix



This shows the energy we generate from company-owned resources and energy we buy through long-term contracts with wind, solar, biomass, geothermal and small-scale hydro generators.

The mix does not represent the energy delivered to customers for two reasons.

- We participate in the wholesale energy market and sell energy to other utilities and to retail customers.
- Some of our purchased power from renewable sources comes with a Renewable Energy Credit, or REC, which we sell to keep customer prices low.

Our Service Area

More than
640,000
customers

OREGON
IDAHO

- ◆ HYDROELECTRIC FACILITIES
- NATURAL GAS FACILITIES
- ▲ THERMAL FACILITIES
- ▼ DIESEL FACILITIES
- BATTERY STORAGE



AMERICAN FALLS PLANTS



Island Plant & Dam



West Side Plant



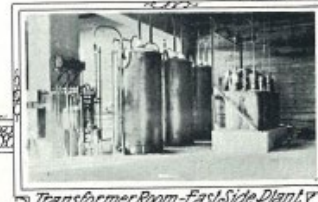
East Side Plant



Generator - East Side Plant



Headworks - Island Plant

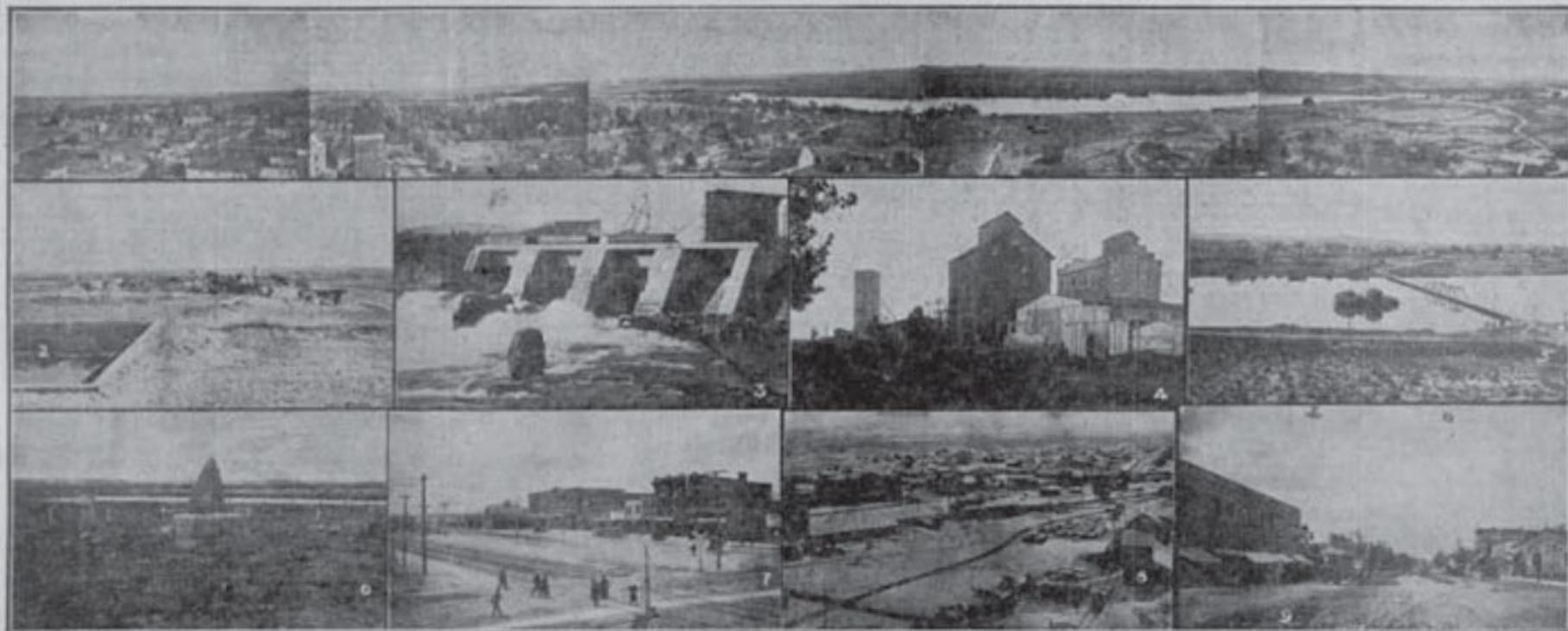


Transformer Room - East Side Plant

Source: The Elektrikat,
April 1920 vol. 1 number 4,
Boise, ID

THE BEST TOWN IN IDAHO BY A DAM SITE

Construction of Big Reservoir Will Mean Stabilization of Agricultural Industry in Southern Idaho; Will Impound 1,700,000 Acre Feet of Water.



"THE best town in Idaho by a dam site."

And then some, say citizens of American Falls, site of the proposed reservoir to store 1,700,000 acre feet of water, contract for construction of which was let last week to the Utah Construction company for \$1,251,000.

While the dam will be one of the biggest works ever constructed in the state, citizens of the town, county seat of Power county, point with pride to the fact that it is rated as one of the largest primary wheat shipping centers in the world.

Power county farmers have been successful dry farmers and in the average year raise a million and a half bushels of wheat of a grade particularly adaptable to flour. They have also been successful growers of Grimm alfalfa seed and last year shipped something around 10,000 pounds, raising, their figures show, about 100 pounds to the acre.

town site and preparations are being made to move homes and business houses. The new town will receive its water supply from a million and a half gallon reservoir, filled by a private pumping system installed a half mile below the west side of the present railroad bridge.

Present construction plans call for building of the base for the larger dam and the smaller reservoir.

The big dam will cost farmers \$5.00 an acre foot, while assessments on the low dam will be \$7.00, building of the higher dam meaning a saving of more than two million dollars. But these men say they are not particularly interested primarily in the lower cost—they want the water first of all, and are willing to pay the \$7.00 acre storage cost of the small dam to get the additional capacity that would be given with the building of the larger reservoir. They want to put their money into the project and then would receive the extra two million back, sharing with the government

earth, construction of 60,000 cubic yards of earth embankment, 25,000 cubic yards of rock foundation and placing of 115,000 cubic yards of concrete, together with the placing of 1,100,000 pounds of reinforcing steel, 1,200,000 pounds of structural steel and 1,700,000 pounds of cast iron gates.

Maho farmers want the larger dam and it will probably be built if the additional water can be sold. The farmers of the upper valley have agreed to purchase this surplus for \$900,000, the difference between the cost of construction of the old and new large and small dams. No contracts have as yet been drawn for the carrying out of the agreement.

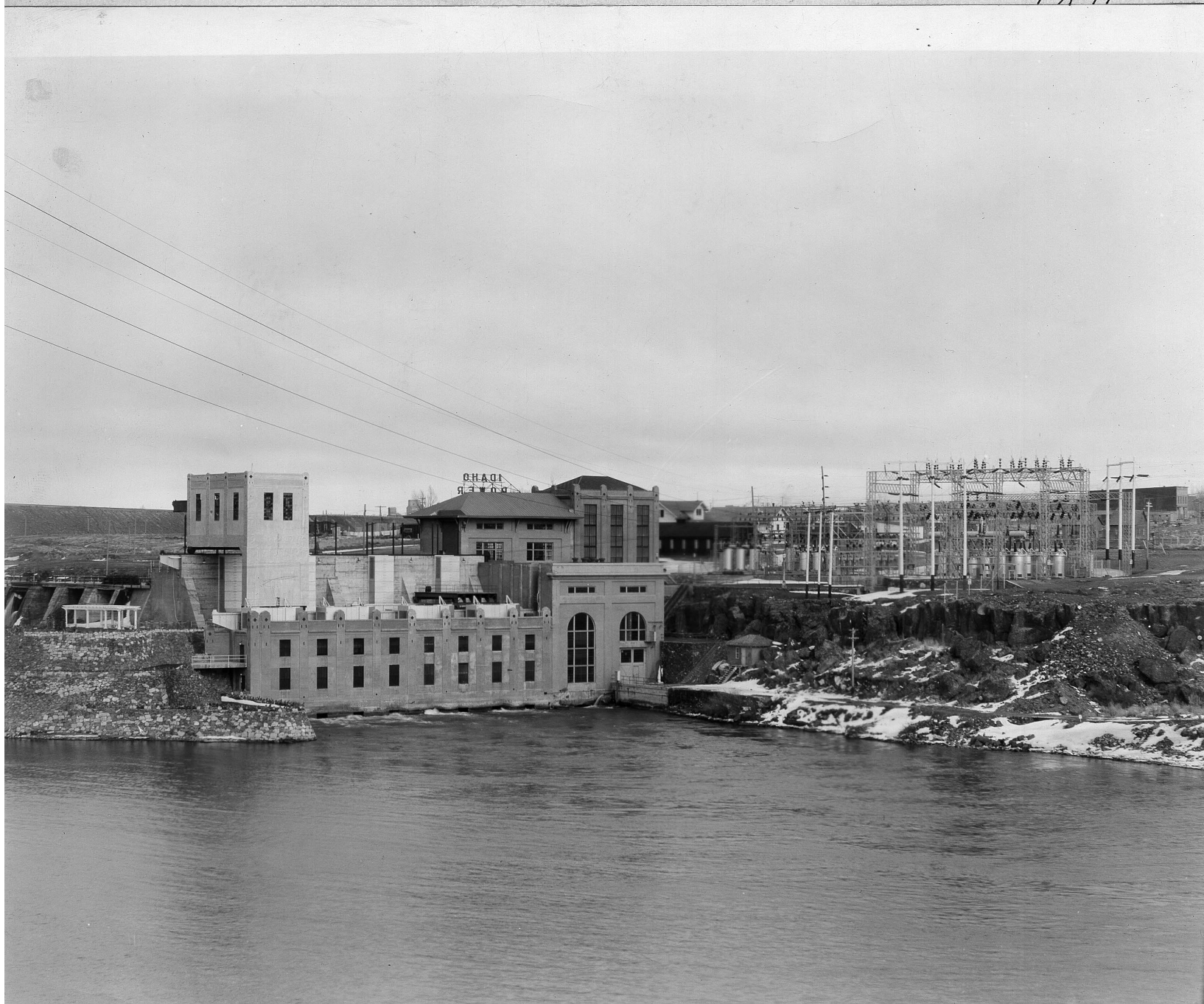
When the dam is completed it will serve in the neighborhood of one million acres, in addition to assuring a sufficient water supply to the settlers of southern Idaho.

A 40,000 horse power plant, at a cost of three million dollars, is also contemplated in connection with the storage dam. All the power furnished

American Falls Power Station from

Across Snake River Jan. 1928

1-A-41





Dam and Powerhouse

May 1978



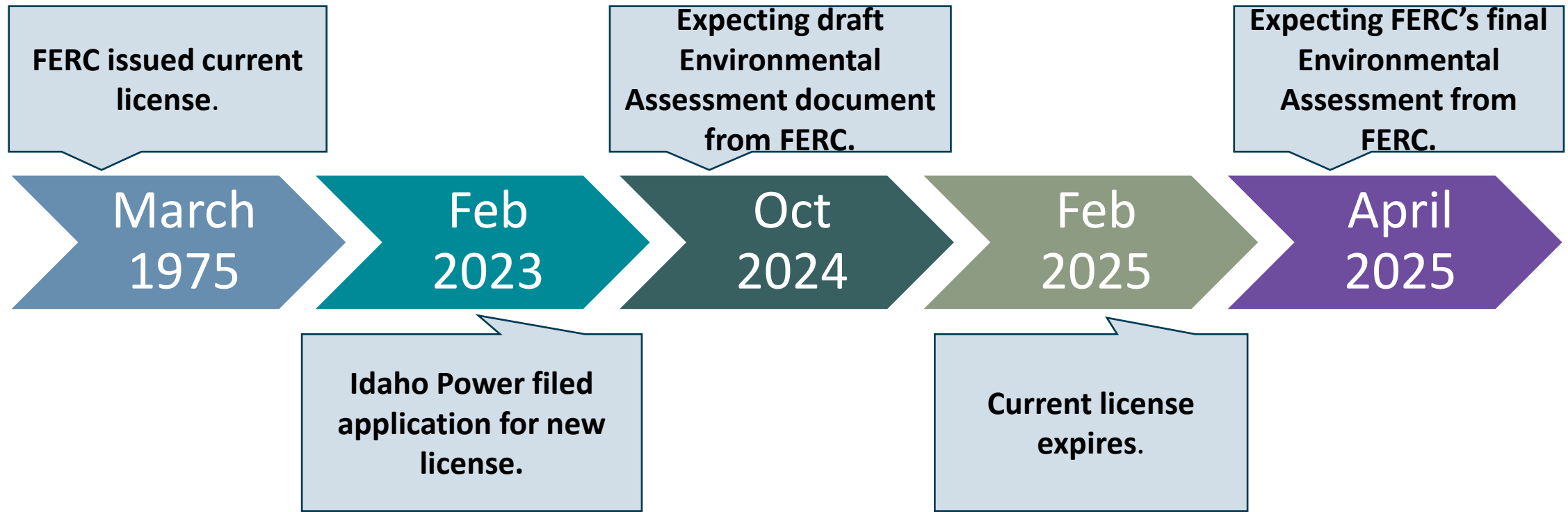




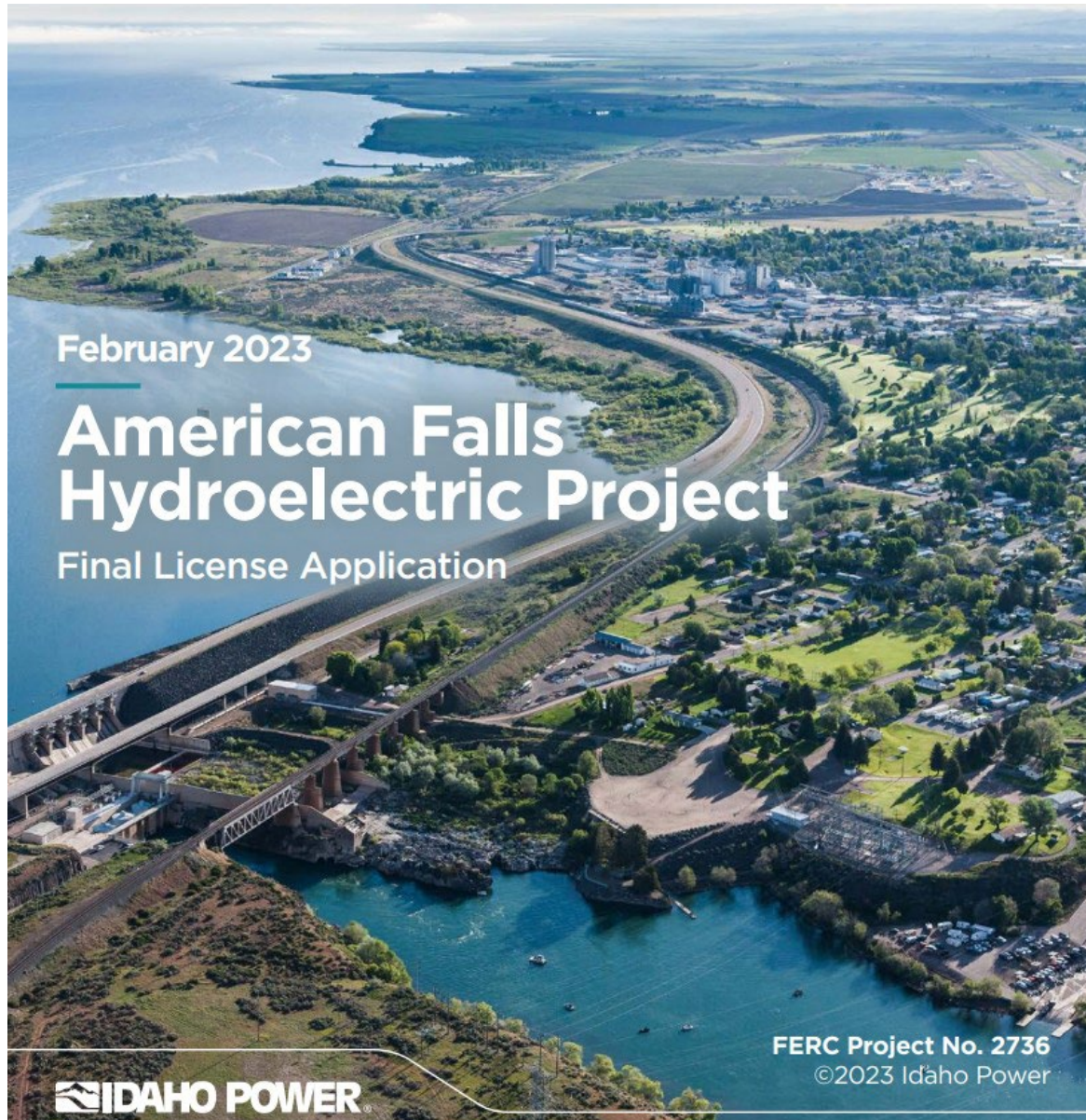
FERC and the Federal Power Act

- Federal Energy Regulatory Commission (FERC) = Responsible for regulating hydroelectric power and the wholesale transmission and sale of electric power.
- Federal Power Act (FPA) = Authorizes FERC to issue hydropower licenses.
- FERC should not only “consider the power and development purposes for which licenses are issued,” but also “give equal consideration to the purposes of energy, conservation, the protection, mitigation of damage to, and enhancement of, fish and wildlife ..., the protection of recreational opportunities, and other aspects of environmental quality.”
- Relicensing process involves significant public engagement.
- Service list, docket notice, FERC’s elibrary and filing search. <https://elibrary.ferc.gov/>

American Falls Relicensing Timeline



Relicensing issues



1. Clean Water Act
§ 401 certification
2. Fish stocking
3. Recreation

Clean Water Act § 401

- FERC cannot issue a license until the certifying agency or tribe grants § 401 water certification.
- CWA regulations changed, effective last fall.
- Working with IDEQ, providing information sufficient for certification, which will be incorporated into license.



Fish stocking

- State concerned about impacts on fisheries from entrainment and turbine mortality.
- Settlement – Idaho Power will stock 24,000 pounds of hatchery-reared trout into the Reservoir annually.
- That agreement will be incorporated into the new license.



Recreation

- Idaho Power has 4 developed recreation sites and river access areas.
- All public.
- Relicensing = collaborative improvements with Power County Boat Ramp and ramp area.



Thank you

Discussion/Questions

Andrea L. Courtney
Hydro Licensing Leader
Environmental Affairs
Idaho Power
1221 W. Idaho St./P.O. Box 70
Boise, ID 83702/83707
acourtney@idahopower.com
208-388-2655



AGENDA

IDAHO WATER RESOURCE BOARD

Board Meeting No. 10-24
Friday, September 13, 2024

Brad Little
Governor

Executive Session begins at 8:30 a.m. (MT) / 7:30 a.m. (PT)
Open Meeting begins at 9:00 a.m. (MT) / 8:00 a.m. (PT)

Jeff Raybould
Chairman
St. Anthony
At Large

Courtyard - Pocatello
Conference Room
290 Vista Drive
POCATELLO

Jo Ann Cole-Hansen
Vice Chair
Lewiston
At Large

Livestream available at <https://www.youtube.com/@iwrp>

Dean Stevenson
Secretary
Paul
District 3

Dale Van Stone
Hope
District 1

Albert Barker
Boise
District 2

Brian Olmstead
Twin Falls
At Large

Marcus Gibbs
Grace
District 4

Patrick McMahon
Sun Valley
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. Topic: MHAFB Project Water Rights. Closed to the public.
3. Agenda & Approval of Minutes 8-24 & 9-24*
4. Public Comment
5. Financial Report
6. Spending Plan Update: Governor Little's ESPA Commitment*
7. Twin Falls Regional Water Sustainability Project*
8. MHAFB Water Resilience Project Water Right Application*
9. Palouse Basin Aquifer Committee Project Terms & Conditions*
10. Aging Infrastructure Grant Awards*
11. ESPA Managed Recharge Infrastructure*
12. Proposed Cloud Seeding Program Funding Request*
13. Director's Report
14. 2025 Regular Meeting Options
15. Non-Action Items for Discussion
16. Next Meeting & Adjourn

* Action Item: A vote regarding this item may be made at 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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Chairman
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At Large

Jo Ann Cole-Hansen
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Lewiston
At Large

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Sun Valley
At Large

MINUTES MEETING NO. 8-24

Cobblestone Inn & Suites
Conference Room
341 W. Second Street
SODA SPRINGS

July 25, 2024
Work Session

Agenda Item No. 1: Roll Call

Chairman Raybould called the work session meeting to order at 8:02 AM (MT) in Soda Springs, Idaho. The meeting was livestreamed on the Board's YouTube Channel online. Board members present were Al Barker, Jo Ann Cole-Hansen, Marcus Gibbs, Patrick McMahon (online), Brian Olmstead, Dean Stevenson, Dale Van Stone, and Chairman Jeff Raybould.

IDWR staff members present were: Brian Patton, Cynthia Bridge Clark, Wesley Hipke, Mathew Weaver, Matt Anders, James Cefalo, Jose Pacheco, Brian Wunsch, Steve Stuebner, and Jennifer Strange. Online was Kala Golden.

Guests present were: John Williams, Don Barnett, Mark Mathews, Travis Gilbert, Claudia Cottle, David Cottle, Brady Levy, Kevin Payne, Mark McCullough, Connely Baldwin, Jordan Stoddard, Jake Serago, and Ann Yribar. Online were Allison Lebeda, Bobby Hills, and Jonathan Jennings.

Agenda Item No. 2: Nez Perce Tribe Presentation

Allison Lebeda discussed Nez Perce Tribe concerns related to unmet minimum stream flows. The tribe has been active in protesting new applications due to unmet MSF, which is not seen as a sustainable way to address concerns. Director Weaver stated that adjudication had been complete in the basins and that the formation of water districts has been a slow process for that area due to lack of interest from water users. Bobby Hills added that there are two to three new applications that the tribe deals with each month.

Agenda Item No. 3: Bear River Basin 101

Matt Anders discussed Bear River geography, hydrology, and Bear Lake storage levels. He provided information on the unique ways that water rights are administered and accounted for in the basin. He listed several projects that the Board has funded over the years.

Agenda Item No. 4: Bear River Compact

Don Barnett, the engineer-manager for the Bear River Commission, provided an overview of the Bear River Compact, listed major provisions, and discussed how the Commission operates the amended compact.

Agenda Item No. 5: PacifiCorp Bear River & Lake Water Operations

Connely Baldwin discussed Bear Lake history, geology, and water management.

Agenda Item No. 6: Bear River Basin Adjudication

Jose Pacheco provided background information and updates on the Bear River water right adjudication.

Agenda Item No. 7: Bear River Basin Cloud Seeding Update

Kala Golden provided a review of the cloud seeding feasibility study on the Bear River Basin. She provided project recommendations with cost estimates.

Jonathan Jennings, a meteorologist with the Utah Division of Water Resources, provided the Utah perspective on cloud seeding. He provided Bear River Basin project information as well.

Agenda Item No. 8: Utah Water Resource Issues

Jake Serago, a hydrologist with the Utah Division of Water Resources, spoke on the conditions of the Great Salt Lake, including ecological importance and potential threats.

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

There were no other items for discussion.

Agenda Item No. 10: Adjourn

The meeting adjourned at 11:50 AM (MT). After lunch, the board went on a tour of the Bear Lake region.

July 26, 2024
Board Meeting No. 8-24

At 8:31 AM (PT) Chairman Raybould called the meeting to order in Soda Springs, Idaho. The meeting was livestreamed on the Board's YouTube Channel online upon adjournment of the executive session.

Agenda Item No. 1: Roll Call

Board Members Present

Albert Barker

Jo Ann Cole-Hansen, Vice Chairman

Marcus Gibbs

Patrick McMahon--online

Brian Olmstead

Dean Stevenson, Secretary
Dale Van Stone
Jeff Raybould, Chairman

Staff Members Present

Mathew Weaver, Director
Cynthia Bridge Clark
Neeley Miller
Jennifer Strange

Brian Patton, Deputy Director/Exec. Manager
Wesley Hipke
Matt Anders
Steve Stuebner

Staff Members Online

Meghan Carter
Mike Morrison
Garrett Hensley

Justin Ferguson
Erik Boe

Guests Present

Ann Yribar
Josh Sorensen
Renee Richardson

John Williams
Claudia Cottle

Guests Online

Bryan Horsburgh
Charity Staggs
Brandon Hobbs
Meghan Brooksher

Tom Points
Mark Zirschky
Chris Keith
John Spencer

Agenda Item No. 2: Executive Session

Mr. Stevenson moved to resolve into executive session 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. Mr. Van Stone seconded. Roll call vote: Mr. Barker, aye; Ms. Cole-Hansen, aye; Mr. Gibbs, aye; Mr. McMahon, aye; Mr. Olmstead, aye; Mr. Stevenson, aye; Mr. Van Stone, aye; and Chairman Raybould, aye. 8 ayes. The motion passed.

Ann Yribar spoke on water right application for permit 2-10556. Meghan Carter spoke on Priest Lake Dam Construction Litigation.

Mr. Stevenson moved to resolve out of executive session at 9:00 AM (MT). Mr. Van Stone seconded. Voice vote. All in favor. The motion carried. The meeting was closed to the public, and no actions were taken during the executive session.

Agenda Item No. 3: Agenda and Approval of Minutes 6-24 and 7-24

The agenda did not have changes. The minutes for meetings 6-24 and 7-24 were available for approval.

Mr. Stevenson moved to approve the minutes presented. Mr. Van Stone seconded. Voice vote. All in favor. The motion carried.

Agenda Item No. 4: Public Comment

John Williams with Bonneville Power Administration spoke on sockeye runs, mentioned an update on the Columbia River Treaty, and provided the peak usage in July at just under 1100 megawatts on the 8th and 9th.

Claudia Cottle with the Bear Lake Watch shared appreciation for the board visit to Bear Lake.

Agenda Item No. 5: Financial Report

Neeley Miller provided the Board's financial report. The accounts as of June 30, 2024, were: Secondary Aquifer Fund: cash balance \$34,597,697, committed/earmarked but not disbursed \$24,396,775, and uncommitted balance \$10,200,922; Revolving Development Account: cash balance \$38,154,238, committed balance \$32,602,282, loan principal outstanding \$18,603,981, and uncommitted balance \$5,551,955, and Water Management Account: cash balance \$293,130,493, total obligated funds \$178,430,325, and unobligated funds \$114,700,167.

Total committed/earmarked/ obligated but not disbursed \$235,429,382; total loan principal outstanding \$18,603,981; and total uncommitted/unobligated balance \$130,453,044.

ARPA: committed per HB 769 is \$100,000,000; committed per SB 1181 (2023) is \$24,497,543; committed per SB 1411 (2024) had not been allocated; and total received to date is \$124,497,543. Total expended \$89,956,697; obligated (but not yet expended) \$70,311,350; and total obligated \$160,268,047. Obligated (but appropriation not yet received) is (\$35,770,503).

Agenda Item No. 6: Administrative Rules

Erik Boe provided an updated on administrative rulemaking activities. Public meetings had been completed and deadlines for publishing were pending.

Agenda Item No. 7: Appointment of Hearing Officer in Hastings Matter

Meghan Carter presented a resolution to appoint a hearing officer, Pete Wood, in a stream channel alteration matter for application for permit no. S37-20565.

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

Agenda Item No. 8: Anderson Ranch Dam Raise Update

Bryan Horsburgh stated that he was promoted to Snake River Area Manager for BOR. He updated the board on the dam raise project, highlighting recent design milestones and contingency costs. He discussed modifications to the dam raise and rim projects. Total project cost estimates based on the 60% design were \$125.8 million, not including the cost of mitigation water. There was a question about the current schedule.

Agenda Item No. 9: Flood Management Grant Awards

Blake Burkard introduced a resolution to award flood management grant awards to ten projects.

The Finance Committee recommended approval of funding at the July 16th meeting. Ms. Cole-Hansen mentioned a change to line 28 of the draft resolution. The resolution that Mr. Burkard shared on his screen was the updated resolution.

Mr. Van Stone moved to adopt the resolution to award grant money in the total cost of \$702, 303.50 for ten projects. Mr. Barker seconded. Roll call vote: Mr. Barker, aye; Ms. Cole-Hansen, aye; Mr. Gibbs, aye; Mr. McMahan, aye; Mr. Olmstead, aye; Mr. Stevenson, aye; Mr. Van Stone, aye; and Chairman Raybould, aye. 8 ayes. The motion passed.

Agenda Item No. 10: Groundwater to Surface Water Conversion Projects Grant Criteria

Neeley Miller discussed a resolution to adopt criteria in the matter of Groundwater to Surface Water Conversions Grant Program. The Finance Committee had recommended the criteria at the July 16th meeting. The resolution attachment was discussed. He proposed a timeline and October 4th deadline for submittals. There was discussion about the entity criteria.

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

Agenda Item No. 11: MHAFB Water Sustainability Project Update

Mike Morrison provided an update on the MHAFB Water Sustainability Project. He stated the project was on-schedule and under budget. Work on the pipeline was being performed along Highway 167 and Strike Dam Road. Work on the inlet and pump station in the canyon at CJ Strike Reservoir was on hold pending construction permits from Federal agencies. He shared some pictures of construction.

Agenda Item No. 12: Director's Report

Director Weaver provided an overview of the ESPA water curtailment issues related to the SWC and IGWA mitigation plans. He provided analysis of the Department's response, mentioned a stipulated agreement made on June 20th, and discussed misconceptions that arose from the curtailment. He read from the Governor's Executive Order No. 2024-06 Protecting Idaho Water Sovereignty Act.

He also discussed the Department's FY2026 budget. He stated that submittal to DFM would be September 1st.

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

Mr. Olmstead mentioned that Idaho Power Company had asked him to sit on a commission. Mr. Gibbs mentioned some upcoming projects for the area. Ms. Cole-Hansen stated an importance for promoting the new Groundwater to Surface Water Grant program.

Agenda Item No. 14: Next Meeting and Adjourn

Mr. Patton stated the next meetings would be in September in Pocatello. Mr. Van Stone moved to adjourn. Mr. Stevenson seconded. Voice vote. All ayes. Motion carried. Meeting adjourned at 10:39 AM (MT).

Respectfully submitted this 13th day of September 2024.

Dean Stevenson, *Secretary*

Jennifer Strange, *Administrative Assistant II*



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MINUTES MEETING NO. 9-24

Water Center
Conference Room 602 B
322 E. Front Street
BOISE

August 29, 2024

Special Board Meeting No. 9-24

At 9:01 AM (MT) Acting Chairman Cole-Hansen called the meeting to order in Boise, Idaho. The meeting was livestreamed on the Board's YouTube Channel. Online participants joined via Zoom.

Agenda Item No. 1: Roll Call

Board Members Present

Albert Barker—online
Jo Ann Cole-Hansen, Vice Chairman—online
Marcus Gibbs—online
Patrick McMahon—online
Brian Olmstead—online
Dean Stevenson, Secretary—online
Dale Van Stone—online
Jeff Raybould, Chairman—absent

Staff Members Present

Brian Patton, Executive Manager
Wesley Hipke
Erik Boe
Jennifer Strange--online

Guests Present

No guests were present.

Agenda Item No. 2: Administrative Rules

Erik Boe provided an update on the department's rulemaking activities. Updates on the Well Construction and Injection Well rulemakings were

highlighted. A resolution to adopt two chapters was presented. Mr. Barker asked about public comments related to these rules.

Mr. Barker moved to adopt the resolution to publish IDAPA 37 Chapters as proposed rules in the October 2, 2024, Idaho Administrative Bulletin Vol. 24-10. Mr. McMahon seconded. Voice vote. All in favor. The motion carried.

Agenda Item No. 3: ESPA Managed Recharge Program Conveyance Contracts

Wesley Hipke stated that conveyance contracts in the lower valley have ended or will end by the end of the year. There was discussion on ways to improve contracts. He mentioned a consistent payment structure. He suggested that the current standards be carried out through the year with new standards created within six to eight months. There was discussion on recharge funding options for nonprofit organizations. Mr. Hipke requested a vote of support for the plan.

Mr. Stevenson moved to extend the contracts for a year. Mr. Gibbs seconded. There was a voice vote, but a roll call vote was then recommended. Roll call vote: Mr. Barker, aye; Ms. Cole-Hansen, aye; Mr. Gibbs, aye; Mr. McMahon, aye; Mr. Olmstead, aye; Mr. Stevenson, aye; Mr. Van Stone, aye; and Chairman Raybould, absent. 7 ayes. The motion passed.

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

There were no other items.

Agenda Item No. 5: Next Meeting and Adjourn

Mr. Gibbs moved to adjourn. Ms. Cole-Hansen seconded. Voice vote. All ayes. Motion carried. Meeting adjourned at 9:36 AM (MT).

Respectfully submitted this 13th day of September 2024.

Dean Stevenson, *Secretary*

Jennifer Strange, *Administrative Assistant II*

Memorandum



To: Idaho Water Resource Board
 From: Neeley Miller, Planning & Projects Bureau
 Date: September 9, 2024
 Re: Financial Status Report

As of July 31, 2024 the IWRB’s available and committed balances are as follows:

Secondary Aquifer Fund:	
Cash Balance	\$38,277,226
Committed	\$36,102,362
Uncommitted Balance	\$2,174,863
Revolving Development Account:	
Cash Balance	\$38,320,241
Committed Balance	\$32,630,213
Loan principal outstanding and other obligations	\$18,603,981
Uncommitted Balance	\$5,690,028
Water Management Account	
Cash Balance	\$324,520,377
Total Obligated Funds	\$318,693,785
Unobligated Funds	\$5,826,590
Total committed/earmarked/obligated but not disbursed	\$387,426,360
Total loan principal outstanding	\$18,603,981
Total uncommitted/unobligated balance	\$13,691,481
ARPA	
<u>Appropriations</u>	
Received per HB 769 (2022)	\$100,000,000
Received per SB 1181 (2023)	\$24,497,543
Received per SB 1411 (2024)	<u>\$</u> *
Total Received to date	\$124,497,543
Total Obligated	\$250,000,000
Expended	<u>\$93,666,532</u>
Committed Balance	\$156,333,468
Obligated (but appropriation not yet received in July)	(\$75,502,456)

- The obligated 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 obligated balance 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.
- The Water Management Account unobligated balance also includes \$150M per HB 361 to be used for expenditures, loans, or grants for water projects, including studies to address water sustainability, rehabilitate or improve aging water infrastructure, or support flood management. The legislature indicated that the IWRB may provide up to one-third of this money for grants.

** The \$25M FY 2024 ARPA appropriation and \$50M FY 2025 ARPA appropriation were not deposited to the IWRB's account until August 2025 (total of \$75,502,456). This funding is not reflected in the July 31, 2024 balance sheets. IDWR Fiscal staff anticipates receipt of the \$50M FY 2026 ARPA appropriation on or shortly after July 1, 2025*

Idaho Water Resource Board
Sources and Applications of Funds
as of July 31, 2024

SECONDARY AQUIFER PLANNING, MANAGEMENT, & IMPLEMENTATION FUND

Legislative Appropriation (HB 291, Sec 2) Transfer from Rev Dev FY2011.....	2,465,300.00
Legislative Appropriation (SB 1389, Sec 5) Transfer from Rev Dev FY 2012.....	1,232,000.00
Legislative Appropriation (HB 270, Sec 3) Transfer from Rev Dev FY2013.....	716,000.00
Water User Contributions.....	109,493.16
Interest Earned State Treasury.....	4,299,016.02
Loan Interest.....	15,861.10
Magic Valley/North Snake GWD Principal Payment (Magic Springs Pipeline Project loan).....	4,000,000.00
Magic Valley/North Snake GWD (Magic Springs Pipeline Project loan).....	(4,000,000.00)
Water User Contribution Expenditures.....	(106,537.50)
Conversion Project (AWEP) measurement devices.....	(16,455.21)
Cloud Seeding Project.....	(20,000.00)
Public Information Services.....	(13,641.25)
Five-Year Managed Recharge Pilot Program.....	(1,424,113.56)
Cooperative Weather Modification Program (CON01109).....	(483,997.64)
Mountain Home Air Force Base (MHAFB) Water Sustainability Project.....	(1,238,945.67)
Carryforward to SRAS Sub-Account.....	(1,222,548.45)
Total Expenditures for HB291, Sec 2; SB1389, Sec 5; HB270, Sec 3; Other Contributions.....	<u>(8,526,239.28)</u>
Balance of HB291, Sec 2; SB1389, Sec 5; HB270, Sec 3; Other Contributions.....	4,311,431.00

Committed Funds	Committed	Expended	Uncommitted	Balance
HB291 Sec 2, SB1389 Sec 5 & HB270 Sec 3				
Cooperative Weather Modification Program (CON01109).....	492,000.00	(483,997.64)	(8,002.36)	0.00
MHAFB Water Sustainability Project.....	1,900,000.00	(1,238,945.67)	(661,054.33)	0.00
Balance of Committed Funds for HB291, SB1389, HB270.....	2,392,000.00	(1,722,943.31)	(8,002.36)	0.00

State Recharge & Aquifer Stabilization (SRAS) Sub-Account

Legislative Appropriation (HB547) State Recharge & Aquifer Stabilization.....	49,999,968.00
Recharge Payments - City of Pocatello.....	91,364.00
Carryforward from Recharge Infrastructure Projects Sub-Account.....	2,151,238.59
SRAS Operations - 29822.....	(751,324.53)
SRAS Recharge Conveyance - 29823.....	(18,650,764.54)
SRAS Studies - 29824.....	(807,171.65)
SRAS Projects - 29825.....	(11,586,593.18)
SRAS Monitoring - 29826.....	(2,315,666.48)
SRAS Hydrology Monitoring - 29827.....	(1,411,756.77)
SRAS Grants - 29828.....	0.00
Total Expenditures for HB547 - SRAS.....	<u>(35,523,277.15)</u>
Balance for State Recharge & Aquifer Stabilization Sub-Account.....	16,719,293.44

Committed Funds	Committed	Expended	Uncommitted	Balance
HB547				
SRAS Operations - 29822.....	1,648,880.00	(751,324.53)	(625,439.35)	272,116.12
SRAS Recharge Conveyance - 29823.....	31,250,000.00	(18,650,764.54)	(816,351.70)	11,782,883.76
SRAS Studies - 29824.....	8,423,568.00	(807,171.65)	(4,630,809.87)	2,985,586.48
SRAS Projects - 29825.....	38,317,958.50	(11,586,593.18)	(25,938,466.36)	792,898.96
SRAS Monitoring - 29826.....	4,294,500.00	(2,315,666.48)	(777,571.43)	1,201,262.09
SRAS Hydrology Monitoring - 29827.....	2,475,000.00	(1,411,756.77)	(260,990.17)	802,253.06
SRAS Grants - 29828.....	0.00	0.00	0.00	0.00
Total HB547 Commitments.....	86,409,906.50	(35,523,277.15)	(33,049,628.88)	17,837,000.47

Water Sustainability (WS) Sub-Account

Legislative Appropriation (SB1190, Sec 3) Water Sustainability.....	500,000.00
Legislative Appropriation (SB1402, Sec 4) Water Sustainability.....	2,500,000.00
Legislative Appropriation (SB1402, Sec 5) Water Sustainability.....	5,000,000.00
Legislative Appropriation (SB1176, Sec 4) Water Sustainability.....	5,000,000.00
Legislative Appropriation (HB677, Sec 4) Water Sustainability.....	5,000,000.00
Legislative Appropriation (HB256, Sec 4) Water Sustainability.....	5,000,000.00
Legislative Appropriation (HB646, Sec 4) Water Sustainability.....	4,750,000.00
Legislative Appropriation (SB1190, Sec 4) Water Sustainability.....	5,000,000.00
Legislative Appropriation (HB769, Sec 4) Water Sustainability.....	5,000,000.00
Legislative Appropriation (SB1181, Sec 4) Water Sustainability.....	5,000,000.00
Legislative Appropriation (SB1269, Sec 14) Water Sustainability.....	5,000,000.00
Carryforward from North Idaho Studies Sub-Account.....	109,351.82

WS Administration - 29840.....	(1,426,996.84)
WS Operations - 29842.....	0.00
WS Recharge Conveyance - 29843.....	0.00
WS Studies - 29844.....	(6,710,326.99)
WS Projects - 29845.....	(1,701,172.71)
WS Monitoring - 29846.....	0.00
WS Hydrology Monitoring - 29847.....	(2,776,962.56)
WS Hydrology Modeling - 29848.....	(2,639,817.90)
WS Grants - 29849.....	(119,196.03)
WS Programs - 29850.....	(109,583.72)
WS Clouds - 29860.....	(15,030,899.32)
Total Expenditures for Water Sustainability.....	<u>(30,514,956.07)</u>
Balance for Water Sustainability (WS) Sub-Account.....	17,344,395.75

Committed Funds	Committed	Expended	Uncommitted	Balance
SB1190 & SB1402				
WS Admin & Operations - 29840 & 29842.....	1,785,000.00	(1,426,996.84)	(70,976.70)	287,026.46
WS Recharge Conveyance - 29843.....	0.00	0.00	0.00	0.00
WS Studies - 29844.....	9,834,403.00	(6,710,326.99)	(1,021,827.63)	2,102,248.38
WS Projects - 29845.....	5,024,659.00	(1,701,172.71)	(1,838,652.31)	1,484,833.98
WS Monitoring - 29846.....	0.00	0.00	0.00	0.00
WS Hydrology Monitoring - 29847.....	5,003,352.82	(2,776,962.56)	(972,832.50)	1,253,557.76
WS Hydrology Modeling - 29848.....	3,070,000.00	(2,639,817.90)	0.00	430,182.10
WS Grants - 29849.....	600,000.00	(119,196.03)	(480,803.97)	0.00
WS Programs - 29850.....	200,000.00	(109,583.72)	0.00	90,416.28
WS Clouds - 29860.....	28,728,150.00	(15,030,899.32)	(1,164,400.00)	12,532,850.68
Balance for SB1190 & SB1402.....	54,245,564.82	(30,514,956.07)	(5,549,493.11)	18,181,115.64

Department of Energy SEP Grants Sub-Account - 29870 & 29871

Department of Energy Grant Reimbursement (\$251K).....	251,000.00
Department of Energy Grant Reimbursement (ESPA).....	928,000.00
Department of Energy Grant Reimbursement (Big Lost).....	1,140,000.00
Department of Energy Grant Reimbursement (Raft River).....	649,859.74
Department of Energy Grant Expenditures (\$251K).....	(251,000.00)
Department of Energy Grant Expenditures (29871 - ESPA).....	(928,000.00)
Department of Energy Grant Expenditures (29872 - Big Lost).....	(1,140,000.00)
Department of Energy Grant Expenditures (29874 - Raft River).....	(747,754.36)
Balance of DOE SEP Grants Sub-Account.....	(97,894.62)

Funds Awarded	Total Award	Expended	Uncommitted	Balance
Dept of Energy SEP Award				
DOESEP (2017-2018).....	251,000.00	(251,000.00)	0.00	0.00
ESPA Hydrologic Monitoring (DOE - Years 1-3 = \$928,000).....	928,000.00	(928,000.00)	0.00	0.00
Hydrologic Monitoring (DOE - Years 1-3 = \$1.14M).....	1,140,000.00	(1,140,000.00)	0.00	0.00
Raft River Hydrologic Monitoring (DOE - Years 1-3 = \$832K).....	832,000.00	(747,754.36)	0.00	84,245.64
Balance of DOE Funds Awarded.....	3,151,000.00	(3,066,754.36)	0.00	84,245.64

Secondary Aquifer Planning, Management, and Implementation Committed Funds..... 36,102,361.75

Secondary Aquifer Planning, Management, and Implementation Available Funds..... 2,174,863.82

IDAHO WATER RESOURCE BOARD
Sources and Applications of Funds
as of July 31, 2024

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.....		\$14,825,873.53	
Interest Earned State Treasury (Transferred).....		\$3,642,818.79	
Water Supply Bank Receipts.....		\$10,941,112.63	
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.....		\$17,407.59	
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	
TOTAL REVENUE.....			35,574,248.87
Legislative Audits.....		(\$49,404.45)	
IWRB Bond Program.....		(\$25,900.00)	
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).....		(\$3,279.54)	
Weiser Galloway Study - US Army Corps of Engineers.....		(\$1,554,918.51)	
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)	
Balance of Outstanding Loans.....		(\$17,038,437.77)	
TOTAL EXPENDITURES.....			(\$21,066,232.27)
CASH BALANCE OF MISCELLANEOUS PROJECTS.....			\$14,508,016.60
Ririe Reservoir Flood Control			
Transfer to Ririe Reservoir Flood Control (SB1190, Sec 7).....	\$4,203,829.73		
Rule Curve Modification Expenditures (Mitigation Inc CON01561).....	(\$1,051,083.24)		
Cash Balance Ririe Reservoir Flood Control Project.....			\$3,152,746.49
Committed Funds			
Mitigation Inc (CON01561).....	\$448,695.76		
TOTAL COMMITTED FUNDS.....	\$448,695.76		
Uncommitted Ririe Reservoir Flood Control.....			\$2,704,050.73
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
Committed Funds			
Minidoka Dam Enlargement/Teton Dam Replacement Studies.....	\$570,539.82		
TOTAL COMMITTED FUNDS.....	\$570,539.82		
Uncommitted for Minidoka Dam Enlargement/Teton Dam Replacement Studies.....			\$0.00
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.....	\$246,019.23		
Total Priest Lake Water Management Project Revenue.....			\$1,476,464.23
Contract Expenditures - Mott MacDonald (CON01426).....	(\$638,162.35)		
Dam Operator Contracts.....	(\$55,158.52)		
Misc Expenditures.....	(\$37,104.69)		
Total Priest Lake Water Management Project Expenditures.....			(\$730,425.56)
Cash Balance Priest Lake Water Management Project.....			\$746,038.67
Committed Funds			
Dam Operator Contracts (CON01445, CON01453, CON01454).....	\$0.00		
Dam Operator Contracts (CON01541, CON01542).....	\$0.00		
Dam Operator Contracts (CON5770, CON5771) Year 1 of 5.....	\$150,000.00		
Mott MacDonald Contract (CON01426).....	\$0.00		
TOTAL COMMITTED FUNDS.....	\$150,000.00		
Uncommitted Priest Lake Water Management Project Balance.....			\$596,038.67
Priest Lake Construction Project (29522)			
Transfer to Priest Lake Construction Project.....	\$4,169,135.50		
Contribution from Uncommitted Funds.....	\$830,864.50		
Additional Approved Funds.....			
Local Contribution.....	\$0.00		
Total Priest Lake Construction Project Revenue.....			\$5,000,000.00
Mott MacDonald Expenditures (CON01484).....	(\$1,768,468.30)		
Strider Construction - Outlet Dam Expenditures (CON01480).....	(\$1,184,270.75)		
Strider Construction - Thorofare Expenditures (CON01481).....	(\$2,052,265.86)		
Builder's Risk Insurance.....	(\$41,879.00)		
Butler Spink LLP (CON01597).....	(\$2,175.00)		
IDL Mineral Lease.....	(\$2,160.00)		
Legal Advertisement.....	(\$733.58)		
Travel and Misc Costs.....	(\$4,443.54)		
Kirton McConkie (CON01615).....	(\$46,588.76)		
Northbank Civil & Marine.....	\$0.00		
Total Priest Lake Construction Project Expenditures.....			(\$5,102,984.79)
Cash Balance Priest Lake Construction Project.....			(\$102,984.79)
Committed Funds			
Mott MacDonald Contract (CON01484).....	\$39,979.94		
Strider Construction - Outlet Dam (CON01480).....	\$0.00		
Strider Construction - Thorofare (CON01481).....	\$0.00		
Construction Contingency (Kirton McConkie - CON01615).....	\$0.00		
TOTAL COMMITTED FUNDS.....	\$39,979.94		
Uncommitted Priest Lake Construction Project Balance.....			(\$142,964.73)
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.....	\$97,857.00		

Interest Earned State Treasury.....	\$698,613.04	
Total Bell Rapids Water Rights Sub-Account Revenue.....		\$51,884,565.05
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.....	(\$151,218.29)	
Payment for Ongoing Bell Rapids Finance Costs (trustee fees, water bank, etc.).....	(\$6,740.10)	
Total Bell Rapids Water Rights Sub-Account Expenditures.....		(\$51,389,833.86)
Cash Balance Bell Rapids Water Rights Sub-Account.....		\$494,731.19
Committed Funds		
Ongoing Bell Rapids Finance Costs (trustee fees, WD02).....	\$412,885.69	
TOTAL COMMITTED FUNDS.....	\$412,885.69	
Uncommitted Bell Rapids Water Rights Sub-Account Balance.....		\$81,845.50
Pristine Springs Project Sub-Account		
Rental Payments to be Transferred to Secondary Aquifer Fund.....	\$961,675.10	
Loan Interest.....	\$3,228,868.30	
Loan Principal from Magic Valley & North Snake GWD.....	\$8,098,798.84	
Total Pristine Springs Project Revenue to be Transferred.....		\$12,289,342.24
Total Pristine Springs Project Revenue Transferred to 0129-01.....	(\$5,129,300.00)	
Total Pristine Springs Project Revenue Transferred to 0129.....	(\$7,160,000.00)	
Total Pristine Springs Project Sub-Account Transfers.....		(\$12,289,300.00)
Cash Balance Pristine Springs Sub-Account.....		\$42.24
Pristine Springs Committed Funds		
Loan Payments to be transferred to 0129.....	\$0.00	
TOTAL COMMITTED FUNDS.....	\$0.00	
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.....	(\$7,512,101.09)	
Total Loans Outstanding.....	\$2,487,898.91	
Uncommitted Pristine Springs Sub-Account.....		\$42.24
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 (CUN00989).....	(\$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/CBWP Sub-Account		
Water Transaction Projects Payment Advances from CBWP/Accord.....	\$6,745,469.03	
PCSRF Funds for Admin of Non-Diversion Easements on Lemhi River.....	\$216,584.46	
Interest Earned State Treasury.....	\$588,045.58	
Upper Salmon/CBWP Sub-Account Revenue.....		\$7,550,099.07
Transfer to Water Supply Bank.....	(\$129,812.92)	
Change of Ownership.....	(\$600.00)	
Appraisals/Closing Costs.....	(\$14,155.98)	
Payments for Water Acquisition.....	(\$4,310,214.89)	
Upper Salmon/CBWP Sub-Account Expenditures.....		(\$4,454,783.79)
Cash Balance CBWP Sub-Account.....		\$3,095,315.28
Committed Funds		
Administration of Non-Diversion Easements on Lemhi River.....	\$124,125.61	
Bar G Farms (Fahsimeron- Little Mud).....	(\$16,448)	
Bayhorse Creek (Peterson Ranch).....	\$19,920.49	
Batger Creek (OWBP) WSB.....	\$2,389.10	
Beaver Creek (DOT LLP).....	\$87,174.78	
Big Timber Tyler Phase I (Leadore Land Partners).....	\$255,235.36	
Big Timber Tyler Phase II (Leadore Land Partners).....	\$77,007.29	
Bohannon Creek DJ (Barbara Stokes).....	\$702,103.29	
Bohannon Creek BS (Betty Stokes).....	\$345,263.45	
Canyon Creek/Big Timber Creek (Beyeler).....	\$255,338.46	
Carmen Creek (Bill Slavin).....	\$160,621.08	
Carmen Creek (Bruce Slavin).....	\$100,790.99	
Fourth of July Creek (Defiance Investments).....	\$9,745.34	
Iron Creek (Koncz).....	\$79,662.11	
Knapp Creek (Cape Horn Ranch LLC).....	\$0.00	
Kenney Creek Source Switch (Gail Andrews).....	\$16,030.29	
Lemhi - Big Springs (Merrill Beyeler).....	\$39,604.25	
Lemhi River & Little Springs Creek Kauer (McFarland Livestock Co).....	\$12,282.38	
Little Springs Creek (Snyder).....	\$164,276.81	
Lower Eighteenmile Creek (Ellsworth Angus Ranch).....	\$1,777.78	
Lower Lemhi Thomas (Robert Thomas).....	\$900.00	
P-9 Bowles (River Valley Ranch).....	\$124,277.51	
P-9 Charlton (Sydney Downton).....	\$8,279.45	
P-9 Downton (Western Sky LLC).....	\$99,214.13	
P-9 Elzinga (Elzinga).....	\$122,719.75	
Patterson-Big Springs PBSC9 (Silver Bit Angus/S Whitworth).....	\$115,327.11	
Pole Creek (Salmon Falls Land).....	\$490,890.76	
Pratt Creek (Mulkey).....	\$66,062.62	
Spring Creek (Richard Beard).....	\$1,562.61	
Spring Creek (Ella Beard).....	\$2,285.76	
Whitefish (Leadore Land Partners).....	\$62,140.04	
Total Committed Funds.....	\$3,546,992.12	
Uncommitted CBWP Sub-Account Balance.....		(\$451,676.84)
Water Supply Bank Sub-Account		
Interest Earned State Treasury.....	\$89,102.74	
Payments received from renters.....	\$7,444,725.55	
Payments made to owners.....	(\$6,653,264.97)	
Cash Balance Water Supply Bank Sub-Account.....		\$880,563.32
Committed Funds:		
Owners Share.....	\$752,261.88	
Total Committed Funds.....	\$752,261.88	
Uncommitted Water Supply Bank Sub-Account Balance.....		\$128,301.44
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.....	\$2,204,651.28	
Loan Interest.....	\$310,626.68	
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.....		\$13,975,933.58
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.....	(\$3,537,368.98)	
W-Canal Project Costs.....	(\$326,834.11)	
Black Canyon Exchange Project Costs.....	(\$261,352.00)	
2008 Recharge Conveyance Costs.....	(\$14,580.00)	
2009 Recharge Conveyance Costs.....	(\$355,253.00)	
2010 Recharge Conveyance Costs.....	(\$484,231.62)	
2008-2010 Recharge Conveyance Costs.....	(\$854,064.62)	
Additional recharge projects preliminary development.....	(\$7,919.75)	
Transfer to Bell Rapids Sub Account.....	(\$341,759.55)	
Transfer to Pristine Springs Sub Account.....	(\$1,000,000.00)	
Transfer to Priest Lake Sub-Account (2018 HB 677, Sec 6).....	(\$2,419,580.50)	
Eastern Snake Plain Sub-Account Expenditures.....		(\$12,150,783.87)
Cash Balance Eastern Snake Plain Sub-Account.....		\$1,825,149.71
Loans and Other Commitments		
Commitment - Additional recharge projects preliminary development.....	\$337,594.00	
Commitment - Palisades Storage O&M.....	\$3,221.64	
Commitment - Black Canyon Exchange Project (fund with ongoing revenues).....	\$442,252.95	
Total Loans and Other Commitments.....	\$783,068.59	
Eastern Snake Plain Sub-Account Balance after Commitments.....		\$1,042,081.12
CREP Loans Outstanding:		
American Falls-Aberdeen GWD (CREP).....	\$0.00	
Bonneville Jefferson GWD (CREP).....	(\$277.16)	
Magic Valley GWD (CREP).....	\$0.00	
North Snake GWD (CREP).....	\$0.00	
TOTAL ESP CREP LOANS OUTSTANDING.....	(\$277.16)	
Uncommitted Eastern Snake Plain Sub-Account Balance.....		\$1,042,358.28
Dworshak Hydropower Project		
Power Sales & Other.....	\$17,104,379.73	
Interest Earned State Treasury.....	\$1,762,000.68	
Total Dworshak Project Revenue.....		\$18,866,380.41
Operations & Maintenance.....	(\$4,137,233.88)	
Powerplant Repairs.....	(\$180,409.72)	
Capital Improvements.....	(\$318,366.79)	
FERC Payments.....	(\$148,076.88)	
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.....		(\$5,865,043.19)
Cash Balance Dworshak Hydropower Project.....		\$13,001,337.22
Dworshak Project Committed Funds		
Emergency Repair/Future Replacement Fund.....	\$6,725,769.03	
FERC Fee Payment Fund.....	\$0.00	
Total Dworshak Project Committed Funds.....	\$6,725,769.03	
Uncommitted Dworshak Hydropower Project Sub-Account Balance.....		\$6,275,568.19
Loans Outstanding:	Amount Loaned	Principal Balance
A&B Irrigation District (Pipeline & Pumping Plant, Dec).....	\$3,500,000.00	\$2,207,486.89
A&B Irrigation District (Pipeline & Pumping Plant, Sept).....	\$3,500,000.00	\$2,371,045.18
Bannock Feeder Canal.....	\$335,110.00	\$335,110.00
Bee Line Water Association (Sep 23, 2014; System Improvements).....	\$600,000.00	\$427,355.78
Bennington Irrigation Company (Infrastructure replacement).....	\$117,184.82	\$39,330.51
Blaine County Canal Co.....	\$6,000,000.00	\$1,214,644.08
Boise Warm Springs Water District.....	\$2,810,000.00	\$1,507,364.88
Canyon County Drainage District No. 2 (28-Nov-12; Drain tile pipeline replacement)	\$35,000.00	\$0.00
Clearview Water Company.....	\$50,000.00	\$5,488.52
Cloverdale Ridge Water Corporation (Irrigation infrastructure).....	\$56,615.00	\$50,374.77
Conant Creek Canal Company.....	\$90,000.00	\$33,250.00
Consolidated Irrigation Company (July 20, 2012; pipeline project).....	\$500,000.00	\$306,369.03
Dalton Water Association.....	\$1,036,900.00	\$872.76
Evans Water Corporation & HOA.....	\$20,000.00	\$10,599.76
Falls Irrigation District.....	\$9,095,000.00	\$435,950.21
Foothill Ranch Homeowners Association (7-oct-11; well rehab).....	\$150,000.00	\$45,041.67
Goose Lake Reservoir Corp.....	\$320,000.00	\$160,371.39
King Hill Water Corporation (Irrigation infrastructure replacement).....	\$1,500,000.00	\$1,500,000.00
Lakeview Estate Subdivision HOA.....	\$65,000.00	\$34,455.88
Last Chance Canal Company (14-July-2015, diversion dam rebuild).....	\$2,500,000.00	\$1,515,950.90
Marsh Center Irrigating Company.....	\$700,000.00	\$75,067.44
Milner Irrigation District (pipeline replacement).....	\$2,000,000.00	\$1,737,317.62
North Side Canal Company (Phase 1 - canal rehab project).....	\$1,846,092.61	\$1,302,511.14
Outlet Water Association (22-Jan-16; new well & improvements).....	\$100,000.00	\$37,870.76
Picabo Livestock Co Inc.....	\$95,000.00	\$91,610.69
Pinehurst Water District (23-Jan-15).....	\$100,000.00	\$0.00
Pinehurst Water District.....	\$87,000.00	\$86,490.31
Point Springs Grazing Association (July 20, 2012; stock water pipeline).....	\$48,280.00	\$281.52
Point Springs Grazing Association.....	\$47,335.53	\$30,000.00
Producers Irrigation Company.....	\$102,127.50	\$0.00
Reynolds Irrigation District.....	\$250,000.00	\$154,106.06
South Valley Ground Water District.....	\$150,000.00	\$95,816.55
St. Johns Irrigating Company (14-July-2015; pipeline project).....	\$1,417,905.22	\$989,700.60
Twin Lakes Canal Company (Winder Lateral Pipeline Project).....	\$500,000.00	\$0.00
Valley County Local Improvement District No. 1/Jughandle HOA (well project, 27-Jan-12).....	\$907,552.00	\$236,880.03
TOTAL LOANS OUTSTANDING.....		\$17,038,714.93
Loans and Other Funding Obligations:		
Reserved for Future Loans.....		\$0.00
Bannock Feeder Canal.....		\$0.00
Barber Pool Hydro.....		\$850,670.00
Blaine County Canal Co.....		\$3,701,235.91
Boise City Canal Company.....		\$200,000.00
Boise Warm Springs Water District.....		\$1,302,635.12
Chester Canal & Irrigation Company.....		\$34,895.00
Conant Creeek Canal Company.....		\$56,750.00
Enterprise Canal Company.....		\$3,588,856.00
Falls Irrigation District.....		\$8,659,049.79
Lakeview Estates Subdivision HOA.....		\$30,544.12
Marsh Center Irrigating Company.....		\$35,000.29
Pinehurst Water District.....		\$509.69
Point Springs Grazing Association.....		\$17,335.53
Weiser Irrigation District.....		\$126,500.00
TOTAL LOANS AND OTHER FUNDING OBLIGATIONS.....		\$18,603,981.45
TOTAL CASH BALANCE.....		\$38,320,241.20
COMMITTED FUNDS AFTER LOAN OBLIGATIONS.....		(\$32,630,212.95)
UNCOMMITTED FUNDS AFTER LOAN OBLIGATIONS.....		\$5,690,028.25

Idaho Water Resource Board
Sources and Applications of Funds
as of July 31, 2024
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.....	\$128,264.08	
Filing Fee Balance.....	\$2,633.31	
Water Supply Bank Receipts.....	\$841,803.07	
Bond Fees.....	\$277,254.94	
Funds from DEQ and IDOC for Glens Ferry Water Study.....	\$10,000.00	
Legislative Appropriation (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)	
WRB 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		\$125,033.30
Other Funding Obligations		
ESPA Settlement Water Rentals (HB 843, 2004).....	\$16,000.00	
Other Funding Obligations		\$16,000.00
Original Water Mgmt Account Unobligated Funds		\$109,033.30

Regional Water Sustainability & Other Large Water Projects Sub-Account/Waetr Project Loan Program**		
Legislative Appropriation (HB 285, Sec 1, 2019).....	\$20,000,000.00	
Legislative Appropriation (SB 1121, Sec 1, 2021).....	\$50,000,000.00	
Legislative Appropriation (HB 769, Sec 6, 2022).....	\$50,000,000.00	
Legislative Appropriation (HB 361, Sec 1, 2023).....	\$100,000,000.00	
Legislative Appropriation (SB 1411, Sec 3, 2024).....	\$30,000,000.00	
Interest Earned State Treasury.....	\$17,127,925.66	
Total Revenue for Regional Water Sustainability & Other Large Water Projects Sub-Account		\$267,127,925.66
Regional Water Sustainability & Other Large Water Projects Expenditures.....	(\$11,504,204.08)	
Water Project Loan Program Expenditures.....	\$0.00	
Total Expenditures for Large Water Projects Program Sub-Account		(\$11,504,204.08)
Cash Balance for Regional Water Sustainability & Other Large Water Projects/Water Project Loan Program Sub-Account		\$255,623,721.58

Regional Water Sustainability & Large Water Projects Obligated Funds**	Obligated Funds	Expenditures	Remaining Balance
Anderson Ranch Dam Raise	\$10,000,000.00	(\$1,336,046.50)	\$8,663,953.50
Bear Lake Additional Water Storage.....	\$2,000,000.00		\$2,000,000.00
Gooding Flood Control Project.....	\$4,000,000.00	(\$3,600,000.00)	\$400,000.00
City of Nampa.....	\$3,000,000.00		\$3,000,000.00
Dworshak/Clearwater Pipeline (Governor's Initiative).....	\$70,000,000.00		\$70,000,000.00
Statewide Recharge Infrastructure.....	\$40,000,000.00		\$40,000,000.00
Lewiston Orchards Irrigation District.....	\$1,287,000.00	(\$398,970.00)	\$888,030.00
Lost Valley Reservoir Enlargement.....	\$560,000.00	(\$70,288.42)	\$489,711.58
Mountain Home Air Force Base Sustainable Water Project.....	\$10,000,000.00		\$10,000,000.00
North Fremont Canal Systems Phase 5 Pipeline Project.....	\$7,811,056.00		\$7,811,056.00
Palouse Basin Aquifer Water Supply.....	\$5,000,000.00		\$5,000,000.00
Priest Lake Water Management Project (Northbank Civil & Marine).....	\$5,420,000.00	(\$4,854,477.16)	\$565,522.84
Priest Lake Outlet Dam - Litigation contract (CON1615).....	\$1,465,000.00	(\$1,104,472.00)	\$360,528.00
Raft River Pipeline.....	\$7,000,000.00		\$7,000,000.00
Treasure Valley Water Supply Assessment Project.....	\$155,500.00	(\$139,950.00)	\$15,550.00
Upper Payette Basin Storage Water.....	\$5,000,000.00		\$5,000,000.00
Other Regional Sustainability Projects, Loans, or Grants.....	\$68,082,521.00		\$68,082,521.00
Total Large Water Projects Program Obligated Funds	\$240,781,077.00	(\$11,504,204.08)	\$229,276,872.92

Water Project Loan Program**	Obligated Funds	Expenditures	Remaining Balance
North Side Pumping Company.....	\$1,200,000.00		\$1,200,000.00
North Side Canal Company.....	\$5,000,000.00		\$5,000,000.00
King Hill Irrigation District.....	\$500,000.00		\$500,000.00
Raft River Recharge Group.....	\$14,111,000.00		\$14,111,000.00
Farmer Land & Irrigation Loan.....	\$185,333.00		\$185,333.00
Total Water Project Loan Program Obligated Funds	\$20,996,333.00	\$0.00	\$20,996,333.00

Aging Infrastructure Grant Program Sub-Account**		
Legislative Appropriation (HB 769, Sec 6, 2022-1/3 portion to be used for Aging Infrastructure Grants).....	\$25,000,000.00	
Legislative Appropriation (HB 361, Sec 1, 2023-1/3 portion to be used for Aging Infrastructure Grants).....	\$50,000,000.00	
Total Revenue for Aging Infrastructure Grant Program		\$75,000,000.00
Grants Disbursed for Aging Infrastructure Grants		
Grants Disbursed for Legislative Appropriation (HB 769, Sec 6, 2022).....	(\$8,405,194.21)	

Grants Disbursed for Legislative Appropriation (HB 361, Sec 1, 2023).....		(\$1,046,031.94)	
Total Expenditures for Aging Infrastructure Grant Program.....			(\$9,451,226.15)
Cash Balance for Aging Infrastructure Grant Programs.....			\$65,548,773.85
			Remaining Balance
Aging Infrastructure Program Grants (Round 1)**	Grant Amount	Expenditures	
Bannock Feeder Canal Co(CON01627 - Diversion Replacement).....	\$250,000.00	(\$250,000.00)	\$0.00
Big Lost River Irrigation Dist (CON01630 - Dam Repair).....	\$2,000,000.00	(\$380,537.51)	\$1,619,462.49
Boise Project Board of Control (CON01625 - New York Canal Lining).....	\$2,418,900.00		\$2,418,900.00
Chester Canal & Irrigation Company (CON01623 - Diversion Headgate).....	\$29,725.00	(\$29,725.00)	\$0.00
Dalton Gardens Irrigation District (CON01624 - Delivery Improvements).....	\$23,460.00	(\$21,756.55)	\$1,703.45
Enterprize Canal Company (CON01628 - Rehabilitation of Conveyance System).....	\$2,736,227.00	(\$2,584,350.00)	\$151,877.00
Falls Irrigation District (CON01629 - Pump Station Rehab).....	\$200,588.00	(\$200,588.00)	\$0.00
Fremont Madison Irrigation District (CON01621 - Headgate Modernization & Automation).....	\$58,200.00	(\$75,122.29)	(\$16,922.29)
King Hill Irrigation District (CON01620 - Pump Station & Closed Conduit).....	\$1,980,259.00	(\$1,980,259.00)	\$0.00
Nampa-Meridian Irrigation District (CON01637 - Ridenbaugh Canal Modernization).....	\$1,820,048.00		\$1,820,048.00
North Side Pumping Company (CON01626 - Pump Station/Canal Abandonment).....	\$951,800.00	(\$856,620.00)	\$95,180.00
Water District 63 (CON01622 - Monitoring System Upgrades).....	\$30,793.00	(\$30,793.00)	\$0.00
Balance for Aging Infrastructure Grants - Round 1.....	\$12,500,000.00	(\$6,409,751.35)	\$6,090,248.65
Aging Infrastructure Program Grants (Round 2)**			
Big Lost Irrigation District.....	\$900,000.00	(\$100,680.32)	\$799,319.68
Boise City Canal Company.....	\$122,000.00	(\$12,178.46)	\$109,821.54
Burley Irrigation District.....	\$891,000.00	(\$15,132.78)	\$875,867.22
Cub River Irrigation Company.....	\$1,000,000.00		\$1,000,000.00
Curran Ditch Users Association.....	\$16,100.00	(\$16,100.00)	\$0.00
Falls Irrigation District.....	\$2,000,000.00	(\$279,360.62)	\$1,720,639.38
Hat Butte Mutual Canal Company.....	\$78,965.00	(\$78,965.00)	\$0.00
Hayden Lake Irrigation District.....	\$1,654,411.00	(\$598,150.42)	\$1,056,260.58
HFF Conant Creek.....	\$499,145.00	(\$459,301.28)	\$39,843.72
Island Ward Canal Co.....	\$11,945.00		\$11,945.00
King Hill Irrigation District.....	\$828,501.00	(\$142,989.98)	\$685,511.02
Nampa Meridian Irrigation District.....	\$1,866,116.00		\$1,866,116.00
North Side Canal Company.....	\$2,000,000.00		\$2,000,000.00
Solenberger Ditch Company.....	\$3,000.00	(\$3,000.00)	\$0.00
Sunnydell Irrigation District.....	\$30,233.00		\$30,233.00
Twin Falls Canal Company.....	\$245,547.00	(\$245,547.00)	\$0.00
Twin Falls Canal Company.....	\$44,037.00	(\$44,037.00)	\$0.00
WRV Board of Control.....	\$309,000.00		\$309,000.00
Balance for Aging Infrastructure Grants - Round 2.....	\$12,500,000.00	(\$1,995,442.86)	\$10,504,557.14
Aging Infrastructure Program Grants (Round 3)**			
Blaine County Canal Company.....	\$1,314,786.00	(\$720,241.66)	\$594,544.34
Burgess Canal & Irrigation Co.....	\$1,057,584.00		\$1,057,584.00
Burnett Water Users Association.....	\$825,000.00		\$825,000.00
Egin Bench Canals Inc.....	\$31,349.00		\$31,349.00
Falls Irrigation District.....	\$831,079.00		\$831,079.00
Fremont Madison Irrigation District.....	\$16,575.00		\$16,575.00
Grindstone Butte Mutual Canal Co.....	\$1,555,167.00		\$1,555,167.00
Island Ward Canal Co.....	\$2,457.00	(\$2,082.67)	\$374.33
Long Island Irrigation Co.....	\$74,222.00		\$74,222.00
Marysville Irrigation Company.....	\$42,964.00		\$42,964.00
Mill Canyon North Canal Co.....	\$11,496.00		\$11,496.00
Milner Dam Inc.....	\$2,000,000.00		\$2,000,000.00
Mountain Home Irrigation District.....	\$132,412.00	(\$129,584.49)	\$2,827.51
Payette Lakes Recreational Water & Sewer District.....	\$1,803,318.00		\$1,803,318.00
Portneuf-Marsh Valley Canal Co.....	\$625,000.00	(\$193,019.67)	\$431,980.33
Twin Falls Canal Co.....	\$20,458.00		\$20,458.00
United Canal Co.....	\$70,000.00		\$70,000.00
Weiser River Soil Conservation District.....	\$124,410.00		\$124,410.00
West Indian Cove Water Co.....	\$545,344.00		\$545,344.00
Balance for Aging Infrastructure Grants - Round 3.....	\$11,083,621.00	(\$1,044,928.49)	\$10,038,692.51
Aging Infrastructure Program Grants (Round 4)**			
AFRD2.....	\$40,000.00		\$40,000.00
Bilbrey Ditch Company.....	\$40,173.00		\$40,173.00
Black Canyon Irrigation District.....	\$100,000.00		\$100,000.00
Capital View Irrigation District.....	\$59,550.00		\$59,550.00
Dalton Gardens Irrigation District.....	\$1,369,165.00	(\$1,103.45)	\$1,368,061.55
Farmers Land & Irrigation Company.....	\$89,667.00		\$89,667.00
Fremont Madison Irrigation District.....	\$26,680.00		\$26,680.00
Jefferson Irrigation Company.....	\$581,488.00		\$581,488.00
Jefferson Irrigation Company.....	\$145,648.00		\$145,648.00
Last Chance Canal Company.....	\$140,674.00		\$140,674.00
Moore Canal Water Users' Association.....	\$1,024,819.00		\$1,024,819.00
Mountain Home Irrigation District.....	\$394,403.00		\$394,403.00
Mud Lake Water Users.....	\$800,000.00		\$800,000.00
New Sweden Irrigation District.....	\$672,891.00		\$672,891.00
Parks and Lewisville Irrigation Company.....	\$83,852.00		\$83,852.00
Sunnydell Irrigation District.....	\$2,000,000.00		\$2,000,000.00
Teton Irrigation.....	\$58,008.00		\$58,008.00
Twin Falls Canal Company.....	\$51,331.78		\$51,331.78
Balance for Aging Infrastructure Grants - Round 4.....	\$7,678,349.78	(\$1,103.45)	\$7,677,246.33
Future Aging Infrastructure Grants (Rounds 5-7)**.....	\$31,238,029.22		\$31,238,029.22
Total Aging Infrastructure Program Obligated Funds.....	\$75,000,000.00	(\$9,451,226.15)	\$65,548,773.85

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.....	\$10,277.76
Total Revenue for Water Quality Collection Program Sub-Account.....	\$610,277.76

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.....	(\$282,500.00)	
Total Expenditures for Water Quality Collection Program Sub-Account.....	(\$682,500.00)	
Cash Balance for Water Quality Collection Program Sub-Account.....		(\$72,222.24)
Water Quality Collection Program Obligated Funds		
DOI-USGS Agreement FY 2022 - Mid-Snake River.....	(\$82,500.00)	
Total Water Quality Collection Program Obligated Funds.....	(\$82,500.00)	
Water Quality Collection Program Unobligated Funds.....		\$10,277.76

Flood Management Program Sub-Account		
Legislative Appropriation (HB 712, Sec 1, 2018, Flood Management Program-Year 1).....	\$1,000,000.00	
Legislative Appropriation (HB 285, Sec 3, 2019, Flood Management Program-Year 2).....	\$800,000.00	
Legislative Appropriation (HB 646, Sec 5, 2020, Flood Management Program-Year 3).....	\$800,000.00	
Legislative Appropriation (SB1190, Sec 5, 2021, Flood Management Program-Year 4).....	\$800,000.00	
Legislative Appropriation (HB 769, Sec 5, 2022, Flood Management Program-Year 5).....	\$1,000,000.00	
Legislative Appropriation (SB1181, Sec 5, 2023, Flood Management Program-Year 6).....	\$1,000,000.00	
Legislative Appropriation (SB1269, Sec 15, 2024, Flood Management Program-Year 7).....	\$1,000,000.00	
Interest Earned State Treasury.....	\$101,218.76	
Total Revenue for Flood Management Program Sub-Account.....		\$6,501,218.76
Grants Disbursed for Leg Approp (HB 712, Sec 1, 2018, Flood Mgmt Pgm-Year 1).....	(\$901,677.56)	
Grants Disbursed for Leg Approp (HB 285, Sec 3, 2019, Flood Mgmt Pgm-Year 2).....	(\$624,251.34)	
Grants Disbursed for Leg Approp (HB 646, Sec 5, 2020, Flood Mgmt Pgm-Year 3).....	(\$688,743.24)	
Grants Disbursed for Leg Approp (SB1190, Sec 5, 2021, Flood Mgmt Pgm-Year 4).....	(\$693,345.74)	
Grants Disbursed for Leg Approp (HB 769 , Sec 5, 2022, Flood Mgmt Pgm-Year 5).....	(\$257,719.01)	
Grants Disbursed for Leg Approp (SB 1181, Sec 5, 2023, Flood Mgmt Pgm-Year 6).....	(\$40,411.86)	
Total Expenditures for Flood Management Program Sub-Account.....	(\$3,206,148.75)	
Cash Balance for Flood Management Program Sub-Account.....		\$3,295,070.01

Flood Management Grant Program Obligated Funds			
	Grant	Expenditures	Remaining
	Amount		Balance
Flood Management Program grants - Year 1 (HB712, Sec 1, 2018)			
<i>Flood Control District 9 (CON01303).....</i>	\$90,000.00	(\$84,851.70)	\$5,148.30
<i>Blaine County (CON01304).....</i>	\$121,331.00	(\$121,331.00)	\$0.00
<i>Cassia County (CON01305).....</i>	\$42,336.38	(\$19,618.16)	\$22,718.22
<i>Flood Control District 10 (CON01306 - New Dry Creek River Bank).....</i>	\$78,400.00	(\$62,156.50)	\$16,243.50
<i>Flood Control District 10 (CON01307 - Duck Alley Pit Capture).....</i>	\$153,550.00	(\$105,470.43)	\$48,079.57
<i>Flood Control District 10 (CON01308 - Porter & Mulchay Gravel Removal).....</i>	\$38,808.00	(\$35,250.77)	\$3,557.23
<i>Clearwater Soil & Water Conservation Dist (CON01309).....</i>	\$155,220.00	(\$155,219.00)	\$1.00
<i>Flood Control District 10 (CON01310 - Leighton & Wells Gravel Removal).....</i>	\$22,000.00	(\$22,000.00)	\$0.00
<i>Flood Control District 11 (CON01311).....</i>	\$57,675.00	(\$55,100.00)	\$2,575.00
<i>Twin Lakes/Flood Control Dist 17 (CON01312).....</i>	\$7,750.00	(\$7,750.00)	\$0.00
<i>Twin Falls Canal Company (CON01327).....</i>	\$85,340.00	(\$85,340.00)	\$0.00
<i>Nez Perce Soil & Water Conservation Dist (CON01328).....</i>	\$115,460.00	(\$115,460.00)	\$0.00
<i>Riverside Village HOA (CON01329).....</i>	\$6,025.00	(\$6,025.00)	\$0.00
<i>City of Pocatello (CON01330).....</i>	\$26,105.00	(\$26,105.00)	\$0.00
<i>Uncommitted from HB712 Year 1.....</i>	(\$98,322.82)	\$0.00	(\$98,322.82)
Balance for Year 1 Flood Mgmt Grants.....	\$901,677.56	(\$901,677.56)	\$0.00
Flood Management Program grants - Year 2 (HB285, Sec 3, 2019)			
<i>City of Boise (CON01396).....</i>	\$6,371.00	(\$6,371.00)	\$0.00
<i>Blaine County (CON01397).....</i>	\$100,000.00	(\$96,555.00)	\$3,445.00
<i>Board of Controls Irrigation (CON01398).....</i>	\$59,050.00	(\$57,827.50)	\$1,222.50
<i>Clearwater Soil & Water Conservation District (CON01399).....</i>	\$190,492.37	(\$190,490.18)	\$2.19
<i>Clearwater Soil & Water Conservation District (CON01400).....</i>	\$72,727.39	(\$72,629.03)	\$98.36
<i>City of Hailey (CON01401).....</i>	\$50,000.00	(\$19,841.33)	\$30,158.67
<i>Flood Control District No. 10 (CON01402).....</i>	\$160,000.00	(\$160,000.00)	\$0.00
<i>Idaho Soil and Water Conservation District (CON01403) - CANCELLED.....</i>	\$159,436.00		\$159,436.00
<i>Idaho Soil and Water Conservation District (CON01404).....</i>	\$21,619.50	(\$20,537.30)	\$1,082.20
<i>Blaine County (CON01405) - NOT EXECUTED.....</i>	\$50,000.00		\$50,000.00
<i>Uncommitted from HB285 Year 2.....</i>	(\$245,444.92)	\$0.00	(\$245,444.92)
Balance for Year 2 Flood Mgmt Grants.....	\$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>	\$47,500.00	(\$47,500.00)	\$0.00
<i>Flood Control District 10 - Boise River Canyon Reach 1 (CON01509).....</i>	\$175,000.00	(\$91,735.00)	\$83,265.00
<i>Idaho Soil & Water Conservation District - Sill Creek (CON01488).....</i>	\$10,960.28	(\$10,960.28)	\$0.00
<i>Idaho Soil & Water Conservation District - Lower Cottonwood Creek (CON01489).....</i>	\$27,935.20		\$27,935.20
<i>Idaho Soil & Water Conservation District - Clear Creek (CON01490).....</i>	\$18,570.60	(\$11,838.06)	\$6,732.54
<i>City of Bellevue - Lower Howard Preserve (CON01491).....</i>	\$57,880.00	(\$57,880.00)	\$0.00
<i>Clearwater Soil & Water Conservation District - Louse Creek (CON01492).....</i>	\$24,687.00	(\$24,687.00)	\$0.00
<i>Pioneer Irrigation District - Mason Creek (CON01493).....</i>	\$148,500.00	(\$148,500.00)	\$0.00
<i>Raft River Flood Control District 15 - (CON01494).....</i>	\$80,525.00	(\$26,255.60)	\$54,269.40
<i>Lewis Soil Conservation District - Alpine Road (CON01495).....</i>	\$18,425.30	(\$18,425.30)	\$0.00
<i>City of Orofino - Orofino Creek (CON01496).....</i>	\$200,000.00	(\$200,000.00)	\$0.00
<i>Twin Falls Canal Company & City of Twin Falls (CON01497).....</i>	\$50,962.00	(\$50,962.00)	\$0.00
<i>Uncommitted from HB646 Year 3.....</i>	\$0.00		\$0.00
Balance for Year 3 Flood Mgmt Grants.....	\$860,945.38	(\$688,743.24)	\$172,202.14
Flood Management Program grants - Year 4 (SB1190, Sec 5, 2021)			
<i>North Side Canal Company - Red Bridge Flood Mgmt Storage Pond (CON01564).....</i>	\$200,000.00		\$200,000.00
<i>Flood District 9 - Bellevue Side Channel Project (CON01565).....</i>	\$111,508.00	(\$110,132.19)	\$1,375.81
<i>Nez Perce County & NPSWCD - Streambank Project.....</i>	\$100,000.00	(\$100,000.00)	\$0.00
<i>Flood District 17 - Rathrum Creek Debris Project (CON01567).....</i>	\$6,375.00	(\$6,375.00)	\$0.00
<i>Adams Soil & Water Conservation District - Grays Creek Project (CON01568).....</i>	\$17,606.00	(\$17,227.40)	\$378.60
<i>Clearwater Soil & Water Conservation Dist - Heywood Bridge Project (CON01569).....</i>	\$37,475.00	(\$37,475.00)	\$0.00
<i>Clearwater Soil & Water Conservation Dist - Swanson's Loop Project (CON01563).....</i>	\$200,000.00	(\$200,000.00)	\$0.00
<i>Reid Canal Company - Bannock Feeder Project (CON01570).....</i>	\$200,000.00	(\$161,782.70)	\$38,217.30
<i>Lewis Soil & Water Conservation District - Tiede Road Flood Project (CON01571).....</i>	\$71,910.00	(\$56,936.57)	\$14,973.43
<i>Idaho Soil & Water Conservation District - Clear Creek Project (CON01572).....</i>	\$36,062.00	(\$3,416.88)	\$32,645.12
<i>Uncommitted from SB1190 Year 4.....</i>	\$0.00		\$0.00
Balance for Year 4 Flood Mgmt Grants.....	\$980,936.00	(\$693,345.74)	\$287,590.26

Flood Management Program grants - Year 5 (HB769, Sec 5, 2022)			
Boise River Flood Control District 10 (CON01605).....	\$83,265.00	(\$83,265.00)	\$0.00
Goose Creek Flood Project (CON01602).....	\$200,000.00		\$200,000.00
City of Lewiston Flood Project (CON01603).....	\$106,352.00		\$106,352.00
Madison County Flood Control Diversion Project (CON01604).....	\$126,392.00		\$126,392.00
Boise River Flood Control District 10 (CON01605).....	\$125,000.00		\$125,000.00
Madison County Teton River Splitter Gate Project (CON01606).....	\$47,859.00		\$47,859.00
Twin Lakes Flood Control District (CON01607).....	\$8,000.00	(\$8,000.00)	\$0.00
Squaw Creek Ditch Company (CON01608).....	\$125,000.00		\$125,000.00
Riverside Water & Sewer District (CON01609).....	\$200,000.00	(\$35,069.01)	\$164,930.99
ESPAR & Madison County Flood Diversion Project (CON01610).....	\$47,300.00	(\$47,300.00)	\$0.00
Clearwater SWCD Garden Creek Project (CON01611).....	\$84,085.00	(\$84,085.00)	\$0.00
Uncommitted from HB769 Year 5.....	\$0.00		\$0.00
Balance for Year 5 Flood Mgmt Grants.....	\$1,153,253.00	(\$257,719.01)	\$895,533.99
Flood Management Program grants - Year 6 (SB 1181, Sec 5, 2023)			
Eagle Sewer District.....	\$200,000.00		\$200,000.00
Flood District 9 (Con # 4050).....	\$118,086.00		\$118,086.00
City of Parma.....	\$50,000.00	(\$40,411.86)	\$9,588.14
Hiawatha Canal Users Association.....	\$200,000.00		\$200,000.00
Oakley Highway District.....	\$176,000.00		\$176,000.00
Joint School District No. 171.....	\$89,064.00		\$89,064.00
Clearwater SWCD - Jim Ford Crossing (CON4048) CANCELLED PER NEELEY MILLER	\$0.00		\$0.00
TFCC & City of Twin Falls.....	\$5,914.00		\$5,914.00
Idaho SWCC.....	\$54,524.00		\$54,524.00
City of Victor.....	\$27,500.00		\$27,500.00
Uncommitted from SB1181 Year 6.....	\$0.00		\$0.00
Balance for Year 6 Flood Mgmt Grants.....	\$921,088.00	(\$40,411.86)	\$880,676.14
Flood Management Program grants - Year 7 (SB 1269, Sec 15, 2024)			
Porteuf SWCD.....	\$98,206.50		\$98,206.50
Clearwater SWCD.....	\$117,333.00		\$117,333.00
Clearwater SWCD.....	\$21,224.00		\$21,224.00
City of Boise.....	\$198,122.00		\$198,122.00
Twin Lakes Rathdrum Creek FCD17.....	\$6,800.00		\$6,800.00
Adams SWCD.....	\$27,126.00		\$27,126.00
Madison County.....	\$17,767.00		\$17,767.00
Boise River FCD10.....	\$51,975.00		\$51,975.00
Boise River FCD10.....	\$43,750.00		\$43,750.00
City of Nampa.....	\$120,000.00		\$120,000.00
Uncommitted from SB1181 Year 7.....	\$0.00		\$0.00
Balance for Year 7 Flood Mgmt Grants.....	\$702,303.50	\$0.00	\$702,303.50
Obligated for Flood Management Grants.....	\$6,144,454.78	(\$3,206,148.75)	\$2,938,306.03
Flood Management Grants Unobligated Funds.....			\$356,763.98

TOTAL OBLIGATED FUNDS BALANCE.....	\$318,693,785.80
Unobligated Funds.....	\$5,826,590.70

Bold and italicized indicates that project is completed and entity has received final payment
**** Obligation for Regional Water sustainability & Other Large Projects & Aging Infrastructure Grants per FY 2025 Spending Plan**

Idaho Water Resource Board
Sources and Applications of Funds
as of July 31, 2024
AMERICAN RESCUE PLAN ACT ACCOUNT

Legislative Appropriation (HB 769, Sec 8, 2022).....	100,000,000.00
Legislative Appropriation (SB 1181, Sec 6, 2023).....	24,497,543.89
Legislative Appropriation (SB 1411, Sec 7, 2024).....	
USDOI/BLM - Anderson Ranch CON 21WN102130.....	(73,346,406.00)
Mountain Home Air Force Base pipeline.....	(13,907,820.39)
Recharge Project Expenditures.....	(2,912,305.41)
Regional Water Sustainability Projects.....	(3,500,000.00)
Total ARPA Fund Expenditures.....	<u>(93,666,531.80)</u>
Total Cash Balance ARPA.....	<u>30,831,012.09</u>

ARPA Funds Approved by Resolution

	<u>Committed</u>	<u>Contracted</u>	<u>Expenditures</u>	<u>Committed</u>
USDOI/BOR - Anderson Ranch (CON 21WN102130).....	112,500,000.00	112,500,000.00	(73,346,406.00)	39,153,594.00
Mountain Home Air Force Base pipeline (CON4537, CON01636).....	33,000,000.00	31,749,377.00	(13,907,820.39)	19,092,179.61
Recharge Projects				
Minidoka Irrigation Dist - Goyne Sump Recharge Project (CON01616).....	3,330,000.00	3,330,000.00	(101,607.83)	3,228,392.17
Hamer Road Recharge Project (CANCELLED).....	0.00	0.00	0.00	0.00
Southwest Irrigation Dist - Big Sky & Murtaugh Injection Well	245,000.00	0.00	0.00	245,000.00
Enterprize Canal Company - 55th Road (CON01666).....	1,700,000.00	1,700,000.00	0.00	1,700,000.00
Enterprize Canal Company - Swan Highway Project (CON01638).....	3,400,000.00	3,400,000.00	(1,408,000.50)	1,991,999.50
New Sweden Irrigation Dist - Head of the Basalt Recharge Site (CON01675).....	1,330,000.00	1,200,000.00	(1,129,398.75)	200,601.25
Progressive Irrigation Dist - South Fork Hwy Project (CON5362).....	4,240,000.00	3,650,000.00	(273,298.33)	3,966,701.67
Butte & Market Lake - Recharge Wells.....	571,000.00			571,000.00
Regional Water Sustainability Projects				
Idaho Power - American Falls Spillway Rehab (CON4998).....	12,500,000.00	12,486,758.00	(3,500,000.00)	9,000,000.00
Boise Project Board of Control - New York Canal Lining.....	25,000,000.00	0.00	0.00	25,000,000.00
Boise Project Board of Control - New York Canal Lining.....	25,000,000.00	0.00	0.00	25,000,000.00
LOID - Lower Clearwater Exchange Project.....	28,000,000.00	0.00	0.00	28,000,000.00
Total ARPA Funds.....	<u>250,816,000.00</u>	<u>170,016,135.00</u>	<u>(93,666,531.80)</u>	<u>157,149,468.20</u>

Memorandum

To: Idaho Water Resource Board (IWRB)

From: Cynthia Bridge Clark

Date: September 9, 2024

Re: Amendment of the FY 2025 Water Management Account (WMA) Spending Plan



REQUIRED ACTION: Consider Finance Committee’s recommendation to amend the Fiscal Year 2025 Spending Plan for the WMA.

Through Resolution No. 32-2024, dated July 1, 2024, the IWRB adopted a spending plan for fiscal year 2025 to direct funding appropriated for regional water sustainability projects, grants, and loans from the WMA (resolution attached). Since 2019, the Idaho Legislature has appropriated a total of \$325 million (excluding interest) to the IWRB’s WMA to support IWRB approved projects.

On August 27, 2024, Idaho Governor Little announced that Idaho would commit \$10 million to improve the long-term health of the Eastern Snake Plain Aquifer (ESPA) and directed the IWRB to support this effort with funds from the WMA. The IWRB’s Finance Committee met on September 9, 2024 to discuss amending the Fiscal Year 2025 spending plan by reallocating funds budgeted to the future Dworshak/Clearwater Pipeline project to the ESPA improvement projects. A draft resolution reflecting the Finance Committee’s recommendation is attached for IWRB review.

ATTACHMENTS(S)

- Draft Resolution to Amend the Fiscal Year Water Management Account Spending Plan
- IWRB Resolution No. 32-2024
- Governor Little New Release, August 27, 2024

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE FINANCE COMMITTEE'S
RECOMMENDATION

RESOLUTION TO AMEND THE IDAHO WATER
RESOURCE BOARD'S FISCAL YEAR 2025
WATER MANAGEMENT ACCOUNT SPENDING
PLAN AND PROVIDE SPENDING
AUTHORIZATION

1 WHEREAS, the Water Management Account (WMA) was created pursuant to Idaho Code § 42-
2 1760 and is administered by the Idaho Water Resource Board (IWRB) for certain purposes; and
3

4 WHEREAS, on July 1, 2024, through Resolution No. 32-2024, the IWRB approved a Fiscal Year 2025
5 spending plan for appropriations made to the WMA under following legislation:
6

- 7 • House Bill 285, Section 1; passed by the 2019 Idaho Legislature (FY 2020)
- 8 • Senate Bill 1121, Section 1; passed by the 2021 Idaho Legislature (FY 2022)
- 9 • House Bill 769, Section 6; passed by the 2022 Idaho Legislature (FY 2023)
- 10 • House Bill 361, Section 1; passed by the 2023 Idaho Legislature (FY 2024)
- 11 • Senate Bill 1411, Section 3; passed by the 2024 Idaho Legislature (FY 2025)
- 12

13 WHEREAS, the WMA Spending Plan considers projects currently identified on the IWRB's Regional
14 Water Sustainability Projects (RWSP) Priority List, Aging Infrastructure Grants, certain IWRB approved
15 loans, and other potential projects and programs; and
16

17 WHEREAS, a number of projects on the RWSP Priority List were determined eligible for funding
18 from American Rescue Plan Act (ARPA) State Fiscal Recovery Fund. Given that ARPA funding has specific
19 federal and state obligation and spending requirements, IWRB Resolution 32-2024 authorized allocation
20 of additional funds from the WMA to be used if additional funding is required for project completion or if
21 it is determined that ARPA funds are not authorized for specific project tasks; and
22

23 WHEREAS, in accordance with direction from the Idaho Governor and Legislature, the IWRB has
24 supported efforts to stop the decline of ground water levels in the Eastern Snake Plain Aquifer (ESPA)
25 through the development of a managed aquifer recharge program and funding other projects intended
26 to reduce ground water use from the ESPA; and
27

28 WHEREAS, on August 27, 2024, Idaho Governor Little announced that Idaho would commit \$10
29 million to improve the long-term health of the ESPA and directed the IWRB to support this effort with
30 funds from the WMA in addition to other existing IWRB funding commitments for ESPA improvement
31 projects; and
32

33 WHEREAS, on September 9, 2024, the IWRB's Finance Committee reviewed the existing Fiscal
34 Year 2025 WMA spending plan and recommended reallocation of \$10 million of the \$70 million budgeted
35 for the future Dworshak/Clearwater River Pipeline project to ESPA improvement projects; and

Resolution No.

36 NOW, THEREFORE BE IT RESOLVED that the IWRB adopts the attached Amended Water
37 Management Account Spending Plan for Fiscal Year 2025 as recommended by the Finance Committee.
38

39 NOW, THEREFORE BE IT FURTHER RESOLVED that for projects that are identified on the attached
40 amended spending plan and have been approved by the IWRB for funding from the ARPA State Fiscal
41 Recovery Fund, the IWRB authorizes expenditures from the WMA for project activities if additional
42 funding is required for project completion or if it is determined that ARPA funds are not authorized for
43 specific project tasks.

DATED this 13th day of September 2024.

JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST _____
DEAN STEVENSON, Secretary

Idaho Water Resource Board - Water Management Account

DRAFT - FY 2025 Amended Spending Plan

Appropriations

FY 2020 (HB 285, Sec 1, Leg 2019)	\$20,000,000
FY 2022 (SB 1121, Sec 1, Leg 2021)	\$50,000,000
FY 2023 (HB 769, Sec 6, Leg 2022 - 1/3 or \$25M to be used for AI Grants)	\$75,000,000
FY 2024 (HB 361, Sec 1, Leg 2023 - 1/3 or \$50M to be used for AI Grants)	\$150,000,000
FY 2025 (SB 1411, Sec 3 - Receive after July 1, 2024)	\$30,000,000
Interest Earned (as of June 2024)	\$11,777,410

Total Appropriations: \$336,777,410

Regional Water Sustainability Projects & Other Large Projects	Budgeted Amount
Anderson Ranch Dam Raise *	\$10,000,000
Bear Lake Additional Storage **	\$2,000,000
City of Gooding - Little Wood River Channel Flood Control Project **	\$4,000,000
City of Nampa Wastewater-to-Irrigation Reuse **	\$3,000,000
Dworshak/Clearwater Pipeline (Governor's Initiative)	\$60,000,000
Eastern Snake Plain Aquifer Improvement Projects	\$10,000,000
Statewide Recharge Infrastructure *	\$40,000,000
Lewiston Orchards Exchange Project *	\$1,287,000
Lost Valley Reservoir Enlargement - Planning **	\$560,000
Mountain Home Air Force Base Water Resilience Project *	\$10,000,000
North Fremont Canal Systems Phase 5 Pipeline Project **	\$7,811,056
Palouse Basin Aquifer Water Supply Planning	\$5,000,000
Priest Lake Water Management Project **	\$5,420,000
Priest Lake Outlet Dam Litigation **	\$1,465,000
Raft River Pipeline Project **	\$7,000,000
Treasure Valley Drains Monitoring **	\$155,500
Upper Payette Basin Storage Water	\$5,000,000
Total:	\$172,698,556

* Eligible for ARPA Funding

** Funds obligated by IWRB resolution.

Aging Infrastructure Grants (\$75M Appropriated for program)	Budgeted Amount
Round 1	\$12,500,000
Round 2	\$12,500,000
Round 3	\$11,083,621
Round 4	\$7,678,350
Round 5 (scheduled FY 2025 - Legislative Direction HB 361, FY 2023)	\$12,500,000
Round 6 (scheduled FY 2026 - Legislative Direction HB 361, FY 2023)	\$12,500,000
Round 7 (scheduled FY 2026 - Legislative Direction HB 361, FY 2023)	\$6,238,029
Total:	\$75,000,000

Loans	Budgeted Amount
Loans Committed (Funds will be available for reallocation upon repayment)	\$20,996,333

Other Potential Needs	Budgeted Amount
Groundwater to Surface Water Conversion Projects Grant Program	\$20,000,000
Efficiency and Capacity Improvements to Canal Systems Grant	\$20,000,000
Statewide Monitoring and Measurement Grant Program	\$10,000,000
Other Regional Sustainability Projects, Loans, or Grants	\$18,082,521
Total:	\$68,082,521

Total Budget: \$336,777,410

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE FINANCE COMMITTEE'S
RECOMMENDATION

RESOLUTION TO MODIFY THE IDAHO WATER
RESOURCE BOARD'S WATER MANAGEMENT
ACCOUNT SPENDING PLAN AND PROVIDE
SPENDING AUTHORIZATION

1 WHEREAS, the Water Management Account was created pursuant to Idaho Code § 42-1760 and
2 is administered by the Idaho Water Resource Board (IWRB) for certain purposes; and
3

4 WHEREAS, through House Bill 285, the 2019 Idaho Legislature appropriated \$20 Million to the
5 Water Management Account to be used for the Anderson Ranch Reservoir Enlargement (Anderson Ranch
6 Dam Raise) or the Mountain Home Air Force Base Sustainable Water Project (MHAFB Project); and
7

8 WHEREAS, House Bill 285 made amendments to Idaho Code § 42-1760, which state, in part, that
9 the Anderson Ranch Dam Raise, MHAFB Project, additional aquifer recharge infrastructure, and other
10 projects selected by the IWRB may be undertaken with funds in the Water Management Account; and
11

12 WHEREAS, through Senate Bill 1121, the 2021 Idaho Legislature appropriated \$50 Million to the
13 Water Management Account; and
14

15 WHEREAS, the IWRB approved Resolution No. 07-2021 in March 2021 which allocated funds
16 appropriated under Senate Bill 1121 as follows:
17

- | | |
|--------------------------------------------------------------------|---------|
| 18 • Anderson Ranch Dam Raise Interim Funding | \$17.6M |
| 19 • MAHFB Water Resilience Project | \$28M |
| 20 • Eastern Snake Plain Aquifer Recharge infrastructure | \$22.4M |
| 21 • Bear Lake Additional Water Storage | \$2.0M |
- 22

23 WHEREAS, the 2022 Idaho Legislature, through House Bill 769, appropriated \$75 Million to the
24 Water Management Account to be used for large water projects and directed the IWRB to use the funding
25 for expenditures, loans, or grants for water projects, including studies, to address water sustainability,
26 rehabilitate or improve aging water infrastructure, or support flood management; and
27

28 WHEREAS, House Bill 769 further directed that no more than one-third of the moneys be used for
29 grants and the IWRB shall use criteria that takes into account the public's input for the expenditures of
30 money for grants, that is competitive, and prioritizes projects based on the public benefits they provide;
31 and
32

33 WHEREAS, House Bill 361, passed and approved by the 2023 Idaho Legislature, appropriated
34 \$150M to the Water Management Account for large water projects and specified that the funding be used
35 for purposes similar to those specified in House Bill 769, including the requirement that no more than
36 one-third of the money be used for grants; and
37

38 WHEREAS, the 2024 Idaho Legislature, through Senate Bill 1411, appropriated \$30 Million to the
39 Water Management Account to be used for large water projects at the direction of the IWRB, resulting in
40 a total of \$325 Million in appropriations to the Water Management Account for specified uses for Fiscal
41 Years 2020 through 2025; and

42
43 WHEREAS, pursuant to House Bill 769, the IWRB developed an Aging Infrastructure Grant Program
44 and awarded \$25M in grant money in two Aging Infrastructure application rounds through Resolution
45 nos. 31-2022 and 02-2023, passed in September 2022 and January 2023 respectively; and

46
47 WHEREAS, in 2023, pursuant to House Bill 361, the IWRB awarded \$11,083,621 for round three
48 of Aging Infrastructure Grants under Resolution no. 39-2023 and \$7,678,350 for round four of Aging
49 Infrastructure Grants under Resolution no. 03-2024; and

50
51 WHEREAS, in July 2021, the IWRB adopted an initial Regional Water Sustainability Projects (RWSP)
52 Priority List to help guide the IWRB's spending from state general funds, ARPA funds, or other applicable
53 sources for projects that support water supply sustainability on a regional, basin, or statewide scale; and

54
55 WHEREAS, in October 2022, the IWRB adopted criteria for inclusion of projects on the RWSP
56 Priority List and has approved funding for projects on a case-by-case basis; and

57
58 WHEREAS, on July 1, 2024, the IWRB's Finance Committee recommended a spending plan for
59 appropriations made to the Water Management Account under the legislation referenced above,
60 including estimated interest. The recommended Water Management Account Spending Plan considers
61 projects currently identified on the RWSP Priority List, Aging Infrastructure Grants, certain IWRB approved
62 loans, and other potential projects and programs; and

63
64 WHEREAS, a number of projects on the RWSP Priority List were determined eligible for funding
65 from ARPA State Fiscal Recovery Fund. Given that ARPA funding has specific federal and state obligation
66 and spending requirements, the IWRB's Finance Committee recommended allocation of additional funds
67 from the Water Management Account to be used if additional funding is required for project completion
68 or if it is determined that ARPA funds are not authorized for specific project tasks; and

69
70 NOW, THEREFORE BE IT RESOLVED that the IWRB adopts the attached Water Management
71 Account Spending Plan as recommended by the Finance Committee.

72
73 NOW, THEREFORE BE IT FURTHER RESOLVED that for projects that are identified on the attached
74 spending plan and have been approved by the IWRB for funding from the ARPA State Fiscal Recovery
75 Fund, the IWRB authorizes expenditures from the Water Management Account for project activities that
76 are determined ineligible for ARPA funding.

DATED this 1st day of July 2024.



JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST 

DEAN STEVENSON, Secretary

**Idaho Water Resource Board - Water Management Account
FY 2025 Spending Plan**

Appropriations

FY 2020 (HB 285, Sec 1, Leg 2019)	\$20,000,000
FY 2022 (SB 1121, Sec 1, Leg 2021)	\$50,000,000
FY 2023 (HB 769, Sec 6, Leg 2022 - 1/3 or \$25M to be used for AI Grants)	\$75,000,000
FY 2024 (HB 361, Sec 1, Leg 2023 - 1/3 or \$50M to be used for AI Grants)	\$150,000,000
FY 2025 (SB 1411, Sec 3 - Receive after July 1, 2024)	\$30,000,000
Interest Earned (as of June 2024)	\$11,777,410
Total Appropriations:	\$336,777,410

Regional Water Sustainability Projects & Other Large Projects	Budgeted Amount
Anderson Ranch Dam Raise *	\$10,000,000
Bear Lake Additional Storage	\$2,000,000
City of Gooding - Little Wood River Channel Flood Control Project	\$4,000,000
City of Nampa Wastewater-to-Irrigation Reuse	\$3,000,000
Dworshak/Clearwater Pipeline (Governor's Initiative)	\$70,000,000
Statewide Recharge Infrastructure *	\$40,000,000
Lewiston Orchards Exchange Project *	\$1,287,000
Lost Valley Reservoir Enlargement - Planning	\$560,000
Mountain Home Air Force Base Water Resilience Project *	\$10,000,000
North Fremont Canal Systems Phase 5 Pipeline Project	\$7,811,056
Palouse Basin Aquifer Water Supply Planning	\$5,000,000
Priest Lake Water Management Project	\$5,420,000
Priest Lake Outlet Dam Litigation	\$1,465,000
Raft River Pipeline Project	\$7,000,000
Treasure Valley Drains Monitoring	\$155,500
Upper Payette Basin Storage Water	\$5,000,000
* Eligible for ARPA Funding	Total: \$172,698,556

Aging Infrastructure Grants (\$75M Appropriated for program)	Budgeted Amount
Round 1	\$12,500,000
Round 2	\$12,500,000
Round 3	\$11,083,621
Round 4	\$7,678,350
Round 5 (scheduled FY 2025 - Legislative Direction HB 361, FY 2023)	\$12,500,000
Round 6 (scheduled FY 2026 - Legislative Direction HB 361, FY 2023)	\$12,500,000
Round 7 (scheduled FY 2026 - Legislative Direction HB 361, FY 2023)	\$6,238,029
Total:	\$75,000,000

Loans	Budgeted Amount
Loans Committed (Funds will be available for reallocation upon repayment)	\$20,996,333

Other Potential Needs	Budgeted Amount
Groundwater to Surface Water Conversion Projects Grant Program	\$20,000,000
Efficiency and Capacity Improvements to Canal Systems Grant	\$20,000,000
Statewide Monitoring and Measurement Grant Program	\$10,000,000
Other Regional Sustainability Projects, Loans, or Grants	\$18,082,521
Total:	\$68,082,521

Total Budget: \$336,777,410

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE MOUNTAIN HOME AIR
FORCE BASE WATER RESILIENCE PROJECT

RESOLUTION TO ACCEPT PROPOSED
STIPULATIONS TO RESOLVE PROTESTS TO
WATER RIGHT APPLICATION 2-10556

1 WHEREAS, the Idaho Water Resource Board ("Board") is a constitutional agency of the State of
2 Idaho and empowered by Idaho Code §42-1734 to acquire, purchase, lease or exchange land, rights,
3 water rights, easements, franchises and other property deemed necessary or proper for construction,
4 operation and maintenance of water projects, and
5

6 WHEREAS, the State of Idaho recognizes the economic value of the Mountain Home Air Force
7 Base (MHAFB) to the local and state economy and supports the United States Military (Military) in
8 achieving its national security functions; therefore, the State of Idaho intends to coordinate with the
9 Military to develop a long-term sustainable water supply to support the MHAFB and its mission; and
10

11 WHEREAS, on July 25, 2014, the Board purchased senior Snake River water right nos. 02-
12 10300A, 02-10330B and 02-10472 (Snake River Water Rights) for the purpose of obtaining a water
13 supply for the MHAFB; and
14

15 WHEREAS, the Board has determined that it will pursue a water supply bank rental to change
16 the Snake River Water Rights to suit the needs of the MHAFB for summertime use; and
17

18 WHEREAS, the Board filed water right application 02-10556 for wintertime water use on the
19 MHAFB; and
20

21 WHEREAS, the United States Air Force owns ground water rights 61-7224, 61-11940, 61-11941,
22 61-11942, and 61-11943 for use on the MHAFB; and
23

24 WHEREAS, the Board holds decreed minimum streamflow water rights at the Murphy Gaging
25 Station, just downstream of Swan Falls Dam, which require an average daily flow of 3,900 cfs between
26 April 1st and October 31st of every year, and 5,600 cfs between November 1st and March 31st of every
27 year; and
28

29 WHEREAS, Idaho Power Company (IPC) holds decreed hydropower water rights for its mid-
30 Snake River hydropower facilities in the amount of 3,900 cfs between April 1st and October 31st and
31 5,600 cfs between November 1st and March 31st measured at the Murphy Gage; and
32

33 WHEREAS, the State of Idaho, by and through the Governor, hold hydropower water rights in
34 trust for the benefit of IPC and the people of the State of Idaho; and
35

36 WHEREAS, a protest to application 02-10556 was received from IPC regarding possible injury to
37 existing natural flow water rights, that the source of water was Trust Water as defined in the Swan Falls
38 settlement with possible impacts to powerhead, and concerns under 42-203A; and
39

40 WHEREAS, a protest to application 2-10556 was received from Elmore County regarding the
41 concurrent use of both surface and groundwater sources at the MHAFB; and
42

43 WHEREAS, the protest from Elmore County may be resolved through the inclusion, in the Water
44 Use Agreement between the United States and the Board, of certain provisions regarding the primary
45 use of surface water and supplemental use of ground water on the MHAFB and
46

47 WHEREAS, the protest from IPC may be resolved through the inclusion of Trust Water Right
48 conditions on water right 02-10556 and the understanding that an alternative water supply will be
49 available for the MHAFB in case of curtailment under the Trust Water conditions.
50

51 NOW THEREFORE BE IT RESOLVED that the Idaho Water Resource Board hereby approves the
52 Joint Stipulation and Notice of Conditional Withdrawal of Protest between the IWRB and IPC attached
53 hereto as Exhibit A and the Joint Stipulation and Notice of Conditional Withdrawal of Protest between
54 the IWRB and Elmore County Board of Commissioners attached hereto as Exhibit B and authorizes its
55 chairman or designee to execute said stipulations.
56

DATED this 13th day of September 2024.

JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST _____
DEAN STEVENSON, Secretary

Scott N. Pugrud, ISB No. 8883
IDAHO POWER COMPANY
1221 W. Idaho Street
P.O. Box 70
Boise, Idaho 83707
Telephone: (208) 388-6454
Facsimile: (208) 388-6935
spugrud2@idahopower.com

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Boise, Idaho 83701-2139
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Facsimile: (206) 237-6069
jsimpson@martenlaw.com
jwitt@martenlaw.com

Attorneys for Idaho Power Company

**BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO**

IN THE MATTER OF APPLICATION FOR
PERMIT NO. 02-10556

In the name of Idaho Water Resource Board

**JOINT STIPULATION AND NOTICE OF
CONDITIONAL WITHDRAWAL OF
PROTEST**

Applicant Idaho Water Resource Board (“Applicant” or “IWRB”) and protestant Idaho Power Company (“Protestant” or “IPC”), by and through their undersigned counsel of record, and pursuant to IDAPA 37.01.01. 220, 556 and .612, hereby stipulate to a settlement of Protestant’s protest to water right application 02-10556 (the “Application”), the terms and conditions of which are set forth herein.

The Protestant’s withdrawal is conditioned on the following:

1. That the source of water for the application is trust water and any approved permit shall contain the multiple trust water conditions referenced in Department Application Processing Memorandum No. 77, dated July 18, 2019.

2. That the Applicant acknowledges the Application is subject to the *Amended Snake River Moratorium Order*, dated July 16, 2024. Further, the Applicant has requested an exception to the Moratorium pursuant to Paragraphs 11(a), in support of which the Applicant has identified alternative water supplies for the proposed use that may be utilized for municipal purposes should the Application be curtailed pursuant to the Trust Water conditions herein identified:

- a. The United States Air Force owns ground water rights 61-7224, 61-11940, 61-11941, 61-11942, and 61-11943 (“Air Force Ground Water Rights”). Through an agreement between the Air Force and the IWRB, these ground water rights will remain interconnected to the municipal water supply system for the Mountain Home Air Force Base (“MHAFB”) as a supplemental supply. The Air Force Ground Water Rights will be used as a supplemental/alternative supply of municipal water should the Application be curtailed pursuant to the Trust Water conditions.

The parties agree that the public interest exception 11(a) to the Moratorium is satisfied given: 1) the alternative water supply identified; 2) the need for a safe and sustainable water supply for the MHAFB; 3) the existing national safety aspects of the MHAFB; and 4) the economic benefits of the MHAFB. The IWRB reserves the right to identify, in the future, additional sources of water that may be used as an alternative source of water supply for the MHAFB should the Application be curtailed due to the Trust Water conditions.

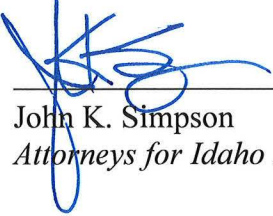
The parties move the Department, pursuant to IDAPA 37.01.01. 220, 556 and .612 for an order (“Order”) approving this Joint Stipulation; each party to bear its own costs, expenses, and attorney’s fees.

DATED this ____ day of August, 2024.

Ann N. Yribar
Deputy Attorney General
Idaho Water Resource Board

DATED this 5th day of September, 2024.

MARTEN LAW LLP



John K. Simpson
Attorneys for Idaho Power Company

CERTIFICATE OF SERVICE

I hereby certify that on this day of ~~August~~ ^{SEPTEMBER}, 2024, I served the original of the foregoing **JOINT STIPULATION AND NOTICE OF CONDITIONAL WITHDRAWAL OF PROTEST**, by hand-delivering or depositing same in the U.S. Mail, postage prepaid, as indicated, addressed to the following:

Idaho Department of Water Resources
Idaho Water Center
322 East Front Street
Boise, Idaho 83702-7374
file@idwr.idaho.gov

U.S. Mail, Postage Prepaid
 Hand Delivery
 Overnight Mail
 Facsimile
 Email

Office of the Attorney General
C/O Ann Y. Yribar
P.O. Box 83720
Boise, ID 83720-0010
Ann.yribar@ag.idaho.gov

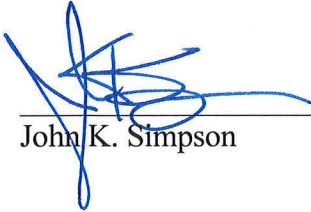
U.S. Mail, Postage Prepaid
 Hand Delivery
 Overnight Mail
 Facsimile
 Email

City of Heyburn
McHugh Bromley PLLC
C/O Chris M. Bromley &
Candice M. McHugh
380 S. 4th St., Suite 103,
Boise, ID 83702-7687
cbromley@mchughbromley.com
cmchugh@mchughbromley.com

U.S. Mail, Postage Prepaid
 Hand Delivery
 Overnight Mail
 Facsimile
 Email

Elmore County
Board of County Commissioners
Varin Thomas LLC
C/O Dylan B. Lawrence
242 N. 8th St., Suite 220
Boise, ID 83702-5892
dylan@varinthomas.com

U.S. Mail, Postage Prepaid
 Hand Delivery
 Overnight Mail
 Facsimile
 Email



John K. Simpson

RAÚL R. LABRADOR
Attorney General

SCOTT L. CAMPBELL
Deputy Attorney General
Chief, Energy Natural Resources Division

ANN N. YRIBAR (ISB #8406)
Deputy Attorney General
P.O. Box 83720
Boise, Idaho 83720-0010
Telephone: 208-334-2400
Facsimile: 208-854-8072

Attorneys for the Idaho Water Resource Board

**BEFORE THE IDAHO DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO**

)	
IN THE MATTER OF)	
APPLICATION FOR PERMIT NO.)	JOINT STIPULATION AND
02-10556 (Idaho Water Resource)	WITHDRAWAL OF PROTEST
Board))	
<hr/>)	

Applicant, the Idaho Water Resource Board (“Applicant” or “IWRB”) and protestant Elmore County Board of County Commissioners (“Elmore County”) by and through their undersigned counsel of record, and pursuant to IDAPA 37.01.01.204, 557 and .612, hereby stipulate to a settlement of Elmore County’s protest in the above-entitled matter, the terms and conditions of which are set forth herein.

Elmore County’s withdrawal is conditioned on the execution of a separate agreement between the United States Air Force (“Air Force”) and the IWRB, which outlines the parameters for continuing use of the Air Force’s ground water rights on the Mountain

Home Air Force Base (the “Air Force–IWRB Agreement”). The following language will be included as definitions in the Air Force–IWRB Agreement:

1. *Ground Water Rights.* Water Rights Nos. 61-7224, 61-11940, 61-11941, 61-11942, and 61-11943 owned by the United States.
2. *Surface Water Rights.* The Water Rights and the Wintertime Right collectively.
3. *Water Rights.* Water Rights Nos. 2-10300A, 2-10300B, 2-10506. The water rights authorize a total diversion of 2500 acre-feet per year for irrigation use between April 1 and October 31.
4. *Wintertime Supply Right.* Application for Permit No. 2-10556 as well as any related subsequent permit or license issued by the Idaho Department of Water Resources.

The following language will be included as a provision of the Air Force-IWRB Agreement:

1. The Surface Water Rights shall be the primary source of water for MHAFB and such water may be used for municipal purposes.
2. The Ground Water Rights shall be used to supplement the Surface Water Rights in the following circumstances:
 - (a) an emergency,
 - (b) when Surface Water Rights are curtailed, and
 - (c) at least once every five (5) years to prevent forfeiture.

Provided that the above language is not subsequently amended, the withdrawal of Elmore County’s protest shall be with prejudice. The parties respectfully request the entry of an Order approving the stipulated settlement set forth herein; each party to bear its own costs, expenses, and attorney’s fees.

DATED this ____ day of September 2024.

ANN N. YRIBAR
Deputy Attorney General

DATED this 9th day of September 2024.

A handwritten signature in blue ink that reads "Dylan Lawrence". The signature is written in a cursive style with a large initial "D".

Dylan Lawrence
For the Elmore County Board of
Commissioners

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that on this ____ day of September 2024, I caused to be served a true and correct copy of the foregoing JOINT STIPULATION AND WITHDRAWAL OF PROTEST by transmitting a copy thereof in the manner listed below:

James Cefalo Idaho Department of Water Resources Eastern Region 900 N Skyline Dr. Idaho Falls ID 83402	<input type="checkbox"/> U.S. Mail, postage prepaid <input type="checkbox"/> Hand Delivery <input checked="" type="checkbox"/> Email to: james.cefalo@idwr.idaho.gov file@idwr.idaho.gov <input type="checkbox"/> Facsimile: _____ <input type="checkbox"/> Statehouse Mail
Dylan Lawrence Varin Thomas LLC 242 N 8 th St. Ste. 220 Boise ID 83702	<input type="checkbox"/> U.S. Mail, postage prepaid <input type="checkbox"/> Hand Delivery <input checked="" type="checkbox"/> Email to: dylan@varinthomas.com <input type="checkbox"/> Facsimile: _____ <input type="checkbox"/> Statehouse Mail
John Simpson Marten Law LLP PO Box 63 Twin Falls ID 83303	<input type="checkbox"/> U.S. Mail, postage prepaid <input type="checkbox"/> Hand Delivery <input checked="" type="checkbox"/> Email to: jsimpson@martenlaw.com <input type="checkbox"/> Facsimile: _____ <input type="checkbox"/> Statehouse Mail

ANN N. YRIBAR
Deputy Attorney General

MEMO



To: Idaho Water Resource Board
From: Neeley Miller, Planning & Projects Bureau
Date: September 5, 2024
Subject: Regional Water Sustainability Palouse Basin Alternate Water Supply Terms and Conditions

REQUIRED ACTION: Consider a resolution to approve terms and conditions for the Palouse Basin Alternate Water Supply Project

Background

At the July 2023 IWRB meeting in Moscow the IWRB approved nine Regional Water Sustainability Projects statewide for a total of \$59.4 million. The regional projects were funded with federal American Rescue Plan Act (ARPA) monies and state surplus funds allocated to the Board's Water Management Account by Governor Little as part of his Leading Idaho initiative and the Idaho Legislature.

The IWRB authorized \$182,500 for the Palouse Basin Alternate Water Supply Project (resolution no. 31-2023). The IWRB directed staff to work with project sponsors to develop appropriate contract Terms and Conditions to be brought back to the IWRB for approval.

Staff have developed proposed Terms and Conditions for this project for your consideration.

Attachment(s):

- 1) Resolution w/Attachment A: Terms and Conditions for the Palouse Basin Alternate Water Supply Project

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE REGIONAL WATER
SUSTAINABILITY PRIORITY LIST

RESOLUTION TO APPROVE CONTRACT TERMS
& CONDITIONS FOR THE PALOUSE BASIN
ALTERNATE WATER SUPPLY PROJECT

1 WHEREAS, the Idaho Legislature passed House Bill 769 in 2022 and House Bill 361 in 2023 which
2 appropriated \$75 Million and \$150 Million respectively to the Idaho Water Resource Board (IWRB) to fund
3 certain projects eligible for American Rescue Plan Act (ARPA) funding and projects that the IWRB has
4 identified as high-priority water sustainability projects; and
5

6 WHEREAS, in July 2021 the IWRB adopted an initial Regional Water Sustainability Priority List to
7 help guide the IWRB's spending for large, regional water sustainability projects from ARPA funds, state
8 general funds, or other applicable sources. The IWRB also, in January 2022, adopted criteria indicating
9 that a project must help achieve water supply sustainability on a regional, basin-wide, or state-wide basis
10 to be included on the Regional Water Sustainability Priority List; and
11

12 WHEREAS, on July 21, 2023 the IWRB passed Resolution No. 31-2023 approving \$182,500 in
13 funding for next steps for the Palouse Basin Alternate Water Supply Project; and
14

15 WHEREAS, in its resolution, the IWRB directed staff to work with project sponsors to develop
16 appropriate contract terms and conditions to be brought back to the IWRB for approval; and
17

18 WHEREAS, staff has developed proposed the Terms and Conditions for a contract between the
19 IWRB and the City of Moscow to complete an engineering feasibility study for diversion and conveyance
20 from the Clearwater River to the Palouse Basin, included as Attachment A to this resolution; and
21

22 NOW, THEREFORE BE IT RESOLVED that the IWRB approves the Terms and Conditions for the
23 Palouse Basin Alternate Water Supply Project engineering feasibility study as specified in Attachment A
24 to this resolution.
25

26 NOW, THEREFORE BE IT FURTHER RESOLVED that the IWRB authorizes the expenditure of up to
27 \$182,500 from the Water Management Account for the Palouse Basin Alternative Water Supply Project
28 engineering feasibility study.
29

30 NOW, THEREFORE BE IT FURTHER RESOLVED the contract for this project will also contain
31 standard IWRB contract conditions and other project-specific Terms and Conditions not identified in this
32 resolution.
33

34 NOW, THEREFORE IT BE FURTHER RESOLVED, that the IWRB authorizes its chairman or designee
35 to execute the necessary agreements or contracts for the purpose of this resolution.

DATED this 13th day of September 2024.

Jeff Raybould, Chairman
Idaho Water Resource Board

ATTEST _____
Dean Stevenson, Secretary

DRAFT

ATTACHMENT A: Terms & Conditions

Palouse Basin Alternate Water Supply Project

PROJECT DESCRIPTION

The City of Moscow in cooperation with the Palouse Basin Aquifer Committee (PBAC), Idaho, is seeking Statements of Qualifications (SOQ) from experienced and qualified consultants to provide engineering and consulting services related to the development of an alternate water supply project. The proposed project involves the diversion of surface water from the Clearwater River and the treatment and conveyance of the water to the Palouse Basin near the City of Moscow, Idaho. The diverted water may be utilized for direct consumption, aquifer recharge, or a combination of the two. The project aims to secure a sustainable water supply for the cities and universities located within the Palouse Basin, including Moscow and Pullman, as well as the University of Idaho and Washington State University.

The scope of the current study includes:

- Determining the project's engineering feasibility
- Estimating preliminary construction and operational costs
- Verifying available water rights and other permitting requirements

Additionally, the study will encompass preparatory work necessary for the application for a water right with the Idaho Department of Water Resources (IDWR).

PROPOSED SUMMARY SCOPE OF WORK

It is anticipated that the selected consultant will perform the following tasks. The final scope of services will be negotiated with selected consultant.

1. Water Supply Assessment

- Perform hydrological studies to assess water availability in the Clearwater River, including seasonal and long-term variations.
- Determine the optimal point of diversion based on hydrological data and minimal environmental impact.
- Assess the potential impacts of future climate change and weather conditions upon available water supply, incorporating climate models to ensure project sustainability.

2. Conceptual Design Development

- Develop conceptual designs for water diversion/intake, treatment, pumping, storage, and conveyance systems, considering multiple alternatives for routes and technologies.
- Identify and estimate costs for all anticipated property acquisitions, easements, and other property rights necessary for the construction and operation of the proposed system.

- Evaluate the benefits, reliability, and cost-effectiveness of direct water use versus aquifer recharge as the means of diversion use, considering both options' long-term implications.
- Work with the City of Moscow and the PBAC to develop criteria for determining the proportion of drinking water versus aquifer recharge, which may significantly impact the system's design and operational requirements (e.g., storage capacity, treatment processes, pumping and conveyance systems, etc.).
- Provide preliminary construction and operational cost estimates including lifecycle and maintenance costs.

3. Regulatory Permitting Assessment

- Identify all regulatory requirements and permits needed for the project, including local, state, federal, and tribal regulations.
- Conduct necessary environmental impact studies and prepare a comprehensive environmental and regulatory feasibility assessment.
- Consult with all potential regulatory agencies and stakeholders early in the process to identify challenges and streamline permitting.
- Prepare an application for water rights following IDWR processes and requirements.

4. Stakeholder Engagement

- Participate in meetings and consultations with stakeholders, including public agencies, community groups, and affected parties as necessary.
- Collaborate with the Nez Perce Tribe to integrate their water rights and cultural values into the project planning and execution.

ESTIMATED PROJECT SCHEDULE

It is anticipated that the services will be completed within approximately 12 months.

Cost -Reimbursement Contract and Proposed Terms & Conditions

- This is a cost reimbursement not to exceed Contract where the Board has approved limited funding for the project. The sponsor shall pay the remainder of the project costs.
- 10% holdback on funds until Project Completion Form is submitted.
- When requested by the Board, provide a monthly progress report to the Contract Manager. The progress report shall include at a minimum:
 - Updated schedule to completion
 - Issues encountered in the reporting period
 - Final cost forecasts where applicable
 - Up to date project budget

- The Contractor shall provide with the final invoice a financial summary of the Project's costs with a detailed list of the type and amount of funds used to pay for the Project. The financial summary shall include the following:
 - Total final cost of the Project based on expenditures.
 - List all funding sources and the amount used on any aspect of the Project.
 - If a Federal or State grant was awarded for any portion of the Project, include the amount awarded.

Memorandum



To: Idaho Water Resource Board
From: Neeley Miller, Planning & Projects Bureau
Date: September 6, 2024
Re: Aging Infrastructure Grant Scoring/Ranking – Round Five

Action: Recommendation to IWRB regarding AIG grant awards

The application period for the IWRB’s fifth round of aging infrastructure funding closed on August 2, 2024. The IWRB received 23 grant applications requesting approximately \$12.4 million in funding.

Round One – awarded \$12.5M in September 2022
Round Two—awarded \$12.5M in January 2023
Round Three—awarded \$11,083,621 in November 2023
Round Four—awarded \$7.7M in January 2024
Round Five – requesting \$12.4M

Key Elements of the Criteria

The IWRB defines an aging water infrastructure project as any new project, or new phase of an improvement project intended to repair, maintain, replace, or improve existing infrastructure that supports irrigation water delivery, storage, drainage, treatment, and use of water for irrigation. Projects that are already completed or underway by the application deadline are not eligible for this funding opportunity. Additionally, for purposes of this grant program, the term ‘aging water infrastructure’ does not include municipal drinking or wastewater systems.

- Grant Award Limit is \$2,000,000
- IWRB grant portion cannot exceed (33%) of total project costs.
- No more than 50% of the total budget may be spent within a single IWRB district. This limit may be waived if there are no competing funding demands.

Staff Recommendation

Staff has evaluated, scored and ranked the applications according to the criteria adopted by IWRB. Staff recommends the IWRB approve Aging Infrastructure Grant awards as specified in Attachment A included with the attached resolution.

Attachment(s):

Resolution w/Attachment A
Project Summaries

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF AGING
INFRASTRUCTURE GRANTS

RESOLUTION TO AWARD FUNDS

1 WHEREAS, House Bill 769 and House Bill 361 passed and approved by the Idaho
2 Legislature appropriated to the Idaho Water Resource Board’s (IWRB) Water Management
3 Account \$75,000,000 to be used for grants to improve aging water infrastructure; and
4

5 WHEREAS, on May 24th 2024 the IWRB adopted updated criteria for the award of Aging
6 Infrastructure grants (resolution no. 25-2024) and set an application deadline of August 2,
7 2024; and
8

9 WHEREAS, twenty-three (23) aging Infrastructure grant applications were received by
10 the deadline and the applications were evaluated, scored and ranked according to the criteria
11 adopted by IWRB; and
12

13 WHEREAS, on September 9, 2024 the Finance Committee met and discussed the
14 projects, and *recommended the IWRB approve Aging Infrastructure Grant awards as specified in*
15 *the Attachment A included with the resolution; and*
16

17 NOW, THEREFORE BE IT RESOLVED that the IWRB approves the award of Aging
18 Infrastructure Grants from the Water Management Account as specified in Attachment A to this
19 resolution.

DATED this 13th day of September 2024.

Jeff Raybould, Chairman
Idaho Water Resource Board

ATTEST _____
Dean Stevenson, Secretary

Attachment A: Grant Funding Awards

Aging Infrastructure Grants - Round 5 Applicants			
Rank	Entity	Score	Funding Award
1	City of Cottonwood	95.25	\$ 2,000,000.00
2	Monteview Canal Company	93	\$ 2,000,000.00
3	New Sweden Irrigation District	92.75	\$ 1,162,864.00
4	Twin Lakes Canal Company	91	\$ 1,633,500.00
5	Nampa & Meridian Irrigation District	90	\$ 109,185.38
6	Riverside Irrigation District	89.5	\$ 524,081.25
7	Fremont Madison Irrigation District	89	\$ 69,320.13
8	Boise Valley Irrigation Ditch Co.	87	\$ 105,811.00
9	Snake River Valley Irrigation District	86.5	\$ 214,846.50
10	Woodmansee-Johnson Canal Co.	80.25	\$ 39,520.00
11	Water District 65	78.75	\$ 63,301.26
12	Falls Irrigation District	78.5	\$ 40,198.00
13	Minidoka Irrigation District B2	78.25	\$ 89,431.21
14	Moore Canal Water Users	77.75	\$ 379,952.00
15	Minidoka Irrigation District D5	77.5	\$ 68,296.22
16	Consolidated Farmers Canal Co.	77.25	\$ 90,250.00
17	Settlers Irrigation District	74.75	\$ 93,135.24
18	Consolidated Irrigation Co.	74.25	\$ 709,500.00
19	Burnette Water User Assoc.	73.5	\$ 1,914,000.00
20	Darlington Water Users Assoc.	70	\$ 1,027,950.00
21	Davis Water Users	68.25	\$ 12,375.00
22	A&B Irrigation District	66.5	\$ 31,350.00
23	Palisades Irrigation Company	64.5	\$ 15,403.41
Total:			\$ 12,394,270.60

Project Summaries

1. City of Cottonwood

Funding is requested to replace and expand the City's wastewater re-use irrigation system. The City's existing wastewater treatment facility did not meet IDEQ standards to discharge into Cottonwood Creek from May to October. During those months the existing re-use system was used to irrigate a sixty-acre agroforest site comprised of hybrid poplar and grass. New IDEQ standards will prohibit any discharge from the treatment plant into Cottonwood Creek. The City finds expanding their water re-use system the most cost-effective solution to comply with the new standards. Work will consist of constructing a reservoir capable of holding 77 million gallons, expanding the re-use area, and replacing the existing irrigation system.

2. Montevue Canal Company

Funding is requested to improve efficiency and modernize a part of Montevue's irrigation system. Montevue pumps groundwater from a well field into a 10-mile length of unlined canals that experience seepage. Additionally, the applicant claims the pumps and components along the delivery system are dated and inefficient. Work on the canals will include lining sections and installing electric actuated headgates. Work on the pumps will include installing automated controls, flow meters, variable frequency drives, and concrete tie-ins from the pump outlets to the canal.

3. New Sweden Irrigation District

Funding is requested to relocate and replace a siphon reaching the end of its service life. A residential area has developed around the siphon increasing the risk of property damage if a failure was to happen. Additionally, the existing siphon discharges into a section of the canal that experiences high seepage; the relocation would bypass this section.

4. Twin Lakes Canal Company

Funding is requested to replace a siphon and accompanying bridge. The entirety of Twin Lakes Canal Company's water is carried across the Bear River via the siphon and bridge, both of which are showing signs of failing soon. Work will include removing and replacing both.

5. Nampa & Meridian Irrigation District (NMID)

Funding is requested to replace NMID's Ten Mile Spillway which is at the end of its service life. The Ten Mile Spillway serves multiple roles, most importantly being the largest emergency spillway in the Ridenbaugh canal system. NMID plans to replace the Ten Mile Spillway by installing three box culverts for the Ten Mile Drain to pass under the Ridenbaugh Canal.

6. Riverside Irrigation District

Funding is requested to stabilize a 1,200-foot length of slope adjacent to the Riverside Irrigation Canal. The slope has had previous failures that resulted in property damage. Riverside Irrigation District plans to re-grade and stabilize the slope.

7. Fremont-Madison Irrigation District (FMID)

Funding is requested to install automation, remote control, and data collection equipment on six control structures. Three structures will need to be rebuilt to facilitate the installation of automation equipment.

8. Boise Valley Irrigation Ditch Company

Funding is requested to pipe a 920-foot section of open canal. This is to improve efficiency and to potentially provide pedestrian travel along the canal right of way for the City of Boise. Work will include piping the section and constructing two adjacent junction boxes.

9. Snake River Valley Irrigation District (SRVID)

Funding is requested to replace the splitter structure for the junction of SRVID's east branch and west branch canals. The structure has reached the end of its service life and has even failed in the recent past. Once replaced, the splitter structure will be integrated into SRVID's SCADA system.

10. Woodmansee-Johnson Canal Company (WJCC)

Funding is requested to install a new main diversion structure with an automated headgate. The structure has reached the end of its service life and is nearing failure. Applicant claims automating the headgate will improve efficiency.

11. Water District 65

Funding is requested to implement real-time measurement technology on 100 diversion channels. Equipment includes transmitter-enabled flow meters, pressure transducers, telemetry units, connection hardware, anti-theft hardware, and new software for the collected data. Applicant claims the new measurement technology will improve efficiency by increasing the frequency of measurements.

12. Falls Irrigation District (FID)

Funding is requested to replace and automate headgates on the East Canal check structure which is at the end of its service life. FID will work with Rubicon Systems to install headgates and integrate them into FID's SCADA system.

13. Minidoka Irrigation District (MID)– Project B2

Funding is requested to replace and automate FID’s B2 check and diversion structure. The structure has reached the end of its service life, and a failure of the structure would likely result in property damage. Applicant claims the improvements will increase efficiency, safety, and reliability.

14. Moore Canal Water Users

Funding is requested to pipe approximately 3.5 miles of laterals that experience high seepage. Pipe will be various sizes of HDPE.

15. Minidoka Irrigation District (MID) – Project D5

Funding is requested to replace MID’s D5 site which is reaching the end of its service life. The site is comprised of a drain, pump, and canal site that recaptures surface water lost to seepage. Work will include replacement of the collection pipe, reconstruction of the pump site, and installation of automated controls and flow sensors.

16. Consolidated Farmers Canal Company

Funding is requested to replace an inverted siphon running under the Teton River that is reaching the end of its service life. The failing CMP will be replaced with a precast concrete box culverts.

17. Settlers Irrigation District (SID)

Funding is requested to replace SID’s existing headworks structure, which has reached the end of its service life. The replacement will include automated headgates.

18. Consolidated Irrigation Company (CIC)

Funding is requested to replace various sections of pipe, and replace a section of canal with pipe. Some sections of existing pipe are heavily corroded, other sections are in good condition but poorly designed and not adequately serving some of its users. The section of canal discharges water into the Lamont Reservoir; CIC would like to pipe the section to avoid the erosion repairs they often need to perform. All new pipe will be HDPE. Flow meters will be installed in various locations. CIC has acquired an EQIP/WSI grant through the USDA-NRCS. As a part of the EQIP/WSI grant the NRCS is providing engineering design and inspection services for the project.

19. Burnette Water Users Association

Funding is requested to pipe 6 miles of existing canal that experiences high amounts of seepage. New pipe will be various sizes of HDPE.

20. Darlington Water Users Association

Funding is requested to pipe 2.5 miles of existing canal that experiences high amounts of seepage. New pipe will be 54-inch HDPE.

21. Davis Water Users

Funding is requested to replace a 270-foot length of pipe that is experiencing root infiltration. The pipe is located in urbanized north Boise within ACHD right of way.

22. A&B Irrigation District

Funding is requested to upgrade software at A&B's headquarters. Work will consist of extracting existing data, reconfiguring that data to be usable in the new Rubicon software, configure Amazon Web Services and Oracle databases, and loading reconfigured data onto the new databases. Applicant claims software will auto-generate reports, improve management of records, improve security, and improve efficiency.

23. Palisades Irrigation Company

Funding is requested to build four broad crested weirs, one of which will receive a new measurement device.



Memorandum

To: Idaho Water Resource Board
Date: September 08, 2024
Re: ESPA Managed Recharge Infrastructure

REQUIRED ACTION: The Idaho Water Resource Board will consider funding for new ESPA managed recharge projects.

Attached to this memo are two summary memos for the proposed full-scale recharge projects and draft resolutions related to the proposed recharge projects.

The IWRB has been actively developing managed recharge capacity throughout the Eastern Snake Plain Aquifer (ESPA) since the start of the full-scale Program in 2014. Over the past ten years the IWRB has added over 2,300 cfs of recharge capacity across the ESPA, with only 300 cfs added in the Upper Valley (above American Falls).

Since 2018, the IWRB has focused on increasing recharge capacity in the Upper Valley, where opportunities, infrastructure, and water availability differ significantly from the Lower Valley (below American Falls Reservoir). The current strategy involves developing capacity in multiple geographic areas to provide both short- and long-term benefits to the aquifer and surface flows. Given the variations in subsurface geology the IWRB is exploring both recharge wells and basins.

Staff have been working with stakeholders developing potential recharge projects throughout the Upper Valley. An Aquifer Stabilization Committee (Committee) was held on September 5th, where the committee was provided an update on current IWRB ESPA managed recharge projects and proposals for seven new projects. The seven projects represent the first phase of potential managed aquifer recharge sites in the Upper Valley (above American Falls).

Four of the proposal represented test recharge wells. The intent of these projects is to evaluate the potential of recharge wells in their respective locations. If successful proposals for full-scale projects would be developed addressing the number of wells, the potential increase in recharge capacity, deliver capacity requirements (if any), and associated monitoring cost. The Committee recommend the following proposals for funding:

- Aberdeen-Springfield Canal Test Recharge Well - \$296,500
 - Cost covers one recharge well – 350', one monitor well, and associated infrastructure.
- Peoples Canal Test Recharge Well - \$135,000
 - Cost covers one recharge well – 250', one monitor well, and associated infrastructure.
- New Sweden/ Bingham-Jefferson Groundwater District Test Recharge Well - \$250,000
 - Cost covers two recharge wells – 200'-300', one monitor well, and associated infrastructure.

- New Sweden Test Recharge Well – Head of the Basalt - \$256,000
 - Cost covers one recharge well – 350', one monitor well, and associated infrastructure.

The remaining three proposals presented were for full-scale projects. The Committee asked staff to develop a ranking system to better evaluate the proposals and present their findings at the upcoming IWRB meeting. The following is a brief summary of the three proposals

1. ITD Pit Recharge Basin - Progressive Canal
2. 55th Road Expansion Basin - Enterprize Canal
3. Egin Bench Canal Recharge Well Complex - FMID

The ITD Pit proposal has been pulled from consideration due to the high-risk factor associated with developing the infiltration capacity of the proposed basin. A comparison of the 55th Road Expansion and the Egin Bench Canal Recharge Well Complex will be provided at the IWRB meeting. As background summary memos are included for the IWRB to review.

Memorandum



To: IWRB Aquifer Stabilization Committee

From: Cooper Fritz

Date: August 29, 2024

Re: Enterprize Canal Company – 55th Road Recharge Basin Expansion Site Construction

REQUIRED ACTION: Consider a recommendation to the IWRB for the authorization of funding for the construction of a 14.8-acre expansion of the 55th Road Recharge Basin.

55th Road Basin Expansion Project Summary:

Project Cost: \$6,196,740	Additional Recharge Capacity:	45 - 55 cfs
Estimated 20-year Cost per Acre Foot: \$75.96 - \$63.39	Additional Basin Size:	14.8 acres
	Depth to Water:	110'-125'bgs

Project Proposal:

- Excavation of a new 14.8-acre recharge basin adjacent to an existing 5.6-acre recharge basin.
- Hauling off excavated material.
- Engineering oversight.

Request of the IWRB:

Authorize the expenditure of \$6,196,740 for the construction of a 14.8-acre expansion of the existing 55th Road Recharge Basin.

Background:

The ESPA Managed Recharge Program aims to stabilize and potentially enhance aquifer levels, increase spring flows, and boost reach gains along the Snake River. Since 2014, the IWRB has developed over 2,300 cfs of recharge capacity across the ESPA, with only 300 cfs added in the Upper Valley (above American Falls).

Since 2018, the IWRB has focused on increasing recharge capacity in the Upper Valley, where opportunities, infrastructure, and water availability differ significantly from the Lower Valley (below American Falls Reservoir). The current strategy involves developing capacity in multiple geographic areas to provide both short- and long-term benefits to the aquifer and surface flows. Given the variations in subsurface geology the IWRB is exploring both recharge wells and basins.

55th Road Recharge Basin Expansion Project Proposal:

Enterprize Canal Company (ECC) proposes to excavate and remove the top 11 feet of material from a new 17.9-acre parcel, adding 14.8 acres to the wetted area adjacent to the existing 5.6-acre 55th Road recharge basin. Located approximately 2.5 miles north of Iona (see Appendix C of the attached engineering proposal for its location within Idaho), the current basin, which is deeper than 11 feet, will be terraced at the northern edge to connect with the new basin, creating a combined total of 20.4 wetted acres. The project also proposes to pipe an existing lateral that runs through the northern portion of the property (Appendix D in the attached engineering proposal).

The existing basin recharged at an average rate of 2.73 cfs/acre (27.6 AF/day) from May 12 to June 2, 2024. with the recharge capacity may potentially be higher as operations become better understood. The proposed expansion is therefore expected to add at least 40 cfs. The proposal estimates the expansion will recharge 45.7

cfs. That rate could reach 55 cfs, if rates similar to the Jones Pit (3.7 cfs/acre), less than five miles away is achieved.

The current diversion structure can deliver 80 cfs. The source of water into the basin is Sand Creek, which branches from Willow Creek. ECC can deliver at least 80 cfs of natural flow from the Snake River to Willow Creek via a pipeline until mid-June, when peak irrigation begins. In the spring of 2024, the basin operated under a temporary natural flow recharge water right from Willow Creek, which provides an additional source of water that offers at least 80 cfs of natural flow when flood control is occurring from Ririe Reservoir.

Cost

The total proposed project cost is \$6,196,740, covering excavation, material removal, and other items generally listed in Table 1 and detailed on the final page of the attached engineering report.

Table 1 – Generalized cost breakdown of Enterprize Canal Company’s proposed 55th Road Basin Expansion. More detailed cost summaries are available on the final page of the attached engineering proposal.

Item	Cost
Earthwork (Excavation and Removal of Material)	\$5,365,648.87
Engineering Services	\$481,706
Piping of Lateral Ditch	\$250,390
Inlet Trash Diverter	\$40,000
Fence	\$35,200
Construction Traffic Control	\$17,588
Total Requested	\$6,196,740

- Total project cost as requested** \$75.96 per acre-foot
- **Assumptions used in the calculation:
 - Cost averaged over 20 years.
 - Recharge capacity of the basin: 45.7 cfs (as proposed)
 - Yearly available of natural flow for recharge: 45 days***

*** The average water availability for recharge in the Upper Valley over the 10 years the full-scale recharge program has operated has been 90 days every other year, therefore 45 days was used in the calculation.

If the expanded area achieves a rate of 55 cfs (equivalent to 3.7 cfs/acre, as at the Jones Pit), the 20-year average cost per acre-foot would be \$63.39.

Potential Impact

Based on ESPAM2.2 via publicly available ETRAN, which models impacts over 150 years:

- 20% of the water recharged returns to the river 8 months
 - Above Blackfoot: 95%
 - Blackfoot to Minidoka: 5%
- 50% of the water recharged returns to the river Two years
 - Above Blackfoot 85%
 - Between Blackfoot and Minidoka 14%

The following figure shows the existing 55th Road recharge basin and the proposed expansion (in red).

Memorandum



To: IWRB Aquifer Stabilization Committee
From: Cooper Fritz
Date: August 29, 2024
Re: FMID – West Egin Recharge Wells Complex

REQUIRED ACTION: Consider a recommendation to the IWRB for the authorization of funding of the West Egin Recharge Wells Complex within the Fremont Madison Irrigation District (FMID) system.

West Egin Recharge Wells Complex Summary:

Project Cost: \$7,388,500	Anticipated Recharge Capacity: 105 cfs
Anticipated Cost per Acre Foot (20 yr): \$39.42	Depth to Water: Perched: 10', Regional: 85'

Project Proposal:

- **Procure a fully executed easement for the maintenance road** along Fremont Madison Irrigation District's (FMID) Recharge Canal, which is fed by the St. Anthony Union Canal from the Henry's Fork.
- **Construct ten recharge wells along the Recharge Canal** within the easement, including diversion structures and meters.
- **Improve bridges, conduct rock hammering, and perform earthwork** to increase the delivery capacity of the Recharge Canal to accommodate the new recharge rate.
- **Automate the gates on the 25 check dams along the St. Anthony Union Canal** between the Henry's Fork and Recharge Canal, including installation of the associated control software.

Request of the IWRB:

Authorize the expenditure of \$7,358,500 to construct the West Egin Recharge Wells Complex.

Background:

The ESPA Managed Recharge Program aims to stabilize and potentially enhance aquifer levels, increase spring flows, and boost reach gains along the Snake River. Since 2014, the IWRB has developed over 2,300 cfs of recharge capacity across the ESPA, with only 300 cfs added in the Upper Valley (above American Falls).

Since 2018, the IWRB has focused on increasing recharge capacity in the Upper Valley, where opportunities, infrastructure, and water availability differ significantly from the Lower Valley (below American Falls Reservoir). The current strategy involves developing capacity in multiple geographic areas to provide both short- and long-term benefits to the aquifer and surface flows. Given the variations in subsurface geology the IWRB is exploring both recharge wells and basins.

West Egin Recharge Wells Complex:

In spring 2024, FMID, with support from IWRB, constructed a 20-inch, 238-foot test recharge well that recharges up to 10.5 cfs. Based on these results, FMID proposes to build 10 additional recharge wells and associated diversion structures (including meters) along approximately 2.2 canal miles of its Recharge Canal about 2.5 miles northwest of Egin (Figure 1) and nine miles west of St. Anthony. As part of the proposal, FMID plans to purchase a perpetual easement for the canal's maintenance road, along which the wells will be constructed.

Although the test well lacked a monitor well, hydrologic interference is not expected. This is due to the highly permeable geologic material noted during test well construction: 69 feet of fractured basalt and 6 feet of cinders between a bottom casing depth of 140 feet and a total well depth of 238 feet (Figure 2). This geologic setting should support at least 105 cfs of additional recharge distributed over the 2.2 miles of the Recharge Canal.

Currently, the Recharge Canal delivers water to an approximately 256-acre basin (Figure 1) that infiltrates about 120 cfs (0.47 cfs/acre). The proposed wells are expected to recharge at a similar rate as the existing trial well. The additional 105 cfs of recharge capacity requires improvements to the Recharge Canal and the St. Anthony Union Canal, which delivers water to the Recharge Canal from the Henry's Fork.

The Recharge Canal requires improvements including bridge rehabilitation and deepening through rock hammering and excavation. Of the four bridges between its diversion from the St. Anthony Union Canal and its entrance into the basin, two require rehabilitation to handle the increased flows. This focus on the first two bridges is because four of the wells are located before the third bridge. The bridge rehabilitation work may include concrete reinforcement of the piers (beams) or the decking (road). Rock hammering is needed to deepen the canal, which is currently flat and situated within a solid-rock framework. Without deepening, increased water flow to the recharge wells could flood neighboring farmland. After rock hammering, earthwork will be conducted to further excavate the channel to accommodate the higher flow rates.

To improve water delivery to the Recharge Canal from the St. Anthony Union, this proposal includes automating the gates on 25 check dams between the St. Anthony Union's diversion from the Henry's Fork and the Recharge Canal. The proposal covers the cost of SCADA software and setup required to operate the automated dams. While this automation will streamline irrigation, its primary purpose is to support the planned increase in water delivery to the recharge well complex and enhance flow to the existing recharge basin. In the spring of 2024, FMID delivered approximately 73% of the basin's capacity (with a median rate of 88 cfs) once irrigation from the St. Anthony Union was fully underway. This limitation stemmed not from capacity constraints but from the manual labor required to adjust the wooden checks as irrigation demand fluctuated. The automated system would also support water delivery to a potential Phase II of the Egin Lakes Recharge Wells complex, which may be constructed within the BLM easement where the West Egin Lakes Basin currently sits.

Cost

The total proposed project cost is \$7,388,500, which includes the installation of two monitor wells for water quality and hydrologic monitoring. A general cost breakdown is provided in Table 1.

St. Anthony Union Canal automation accounts for 51% of the proposed cost (excluding the monitor well and contingency). While the full cost is included in this proposal, FMID is also seeking funding through the BOR's WaterSmart program and could also pursue additional funding through the IWRB Aging Infrastructure program. FMID is currently working on a WaterSmart grant proposal, which will be submitted in November. *If half of the automation cost (\$1,670,000) is secured from another source, the cost per acre-foot over 20 years would be \$30.51.*

Table 1 – Generalized breakdown of the total request for the development of the West Egin Recharge Wells Complex. * denotes IWRB staff recommendation.

Item	Cost
Easement to Maintenance Road along Recharge Canal	\$200,000
Wells, including diversion structures	\$2,500,000
Recharge Canal Improvements	\$500,000
Gates for Checks in the St. Anthony Union	\$3,029,500
SCADA (Gate Automation Software)	\$225,000
Network Communications	\$85,000
15% Contingency	\$789,000
Two Monitor Wells*	\$60,000
Total Request	\$7,388,500

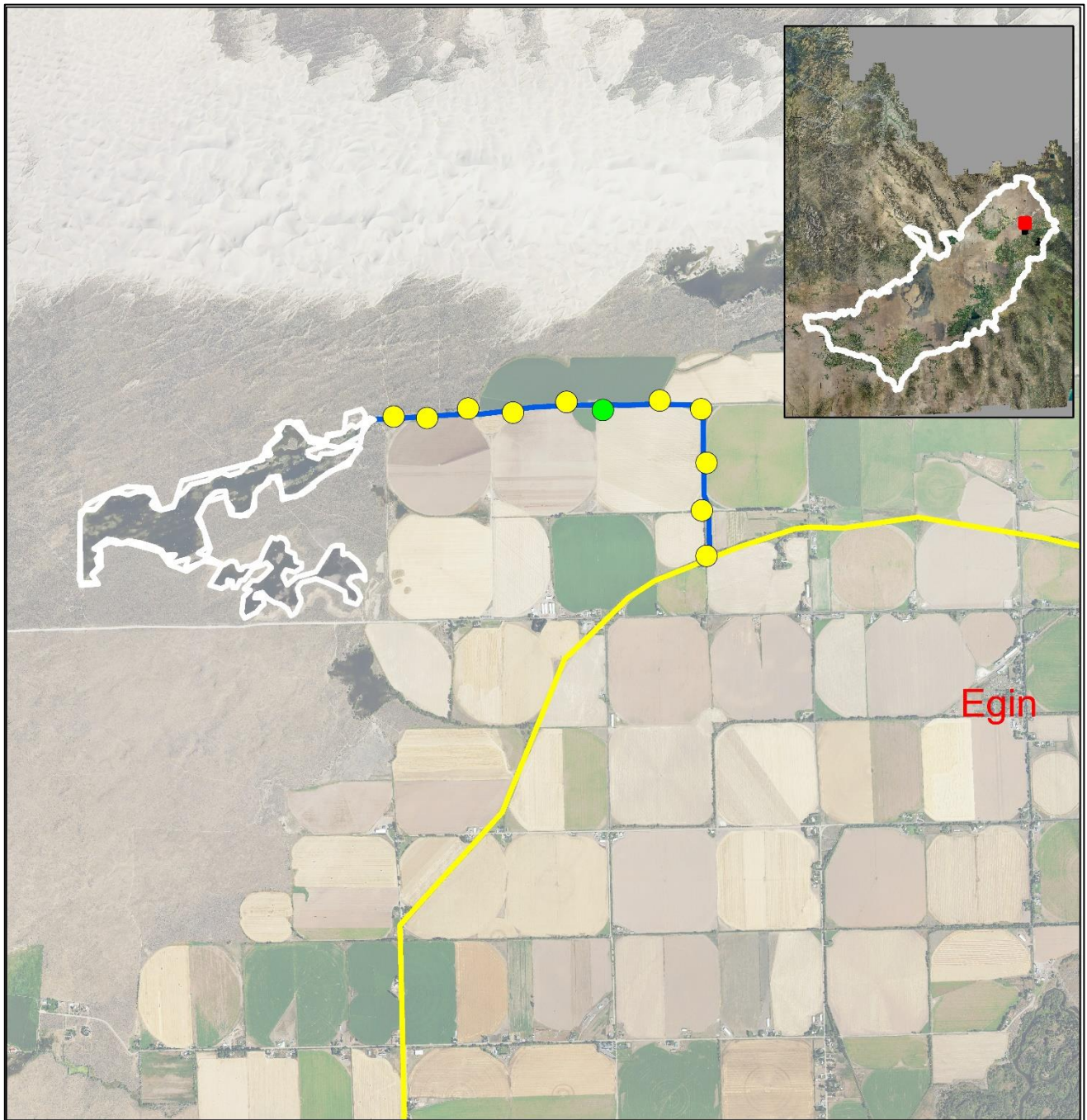
- Total project cost as recommended** \$39.42 per acre-foot
- **Assumption used in the calculation:
 - Cost averaged over 20 years
 - Recharge capacity of the complex: 105 cfs
 - Yearly available of natural flow for recharge: 45 days***

*** The average water availability for recharge in the Upper Valley over the 10 years the full-scale recharge program has operated has been 90 days every other year, therefore 45 days was used in the calculation.

Potential Impact

Based on ESPAM2.2 via publicly available ETRAN, which models impacts over 150 years:

- 20% of the water recharged returns to the river One year
 - Above Blackfoot: 100%
 - Blackfoot to Minidoka: 0%
- 50% of the water recharged returns to the river 4.66 years
 - Above Blackfoot 97%
 - Between Blackfoot and Minidoka 3%



Legend

- Additional Recharge Wells
- Existing Recharge Well
- Recharge Canal
- St Anthony Union Canal
- Existing Recharge Basin

Location of Existing Recharge Well:
43.956. -111.877

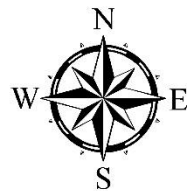


Figure 1 – The location of the Egin Lakes Wells Complex, including the existing well and the proposed additional well, in relation to the community of Egin.

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. p. 010288B
 Drilling Form No. 814889
 Well right or location AR 1
2. OWNER: Egin Bench Canal Company
 Name Egin Bench Canal Company
 Address PO Box 15
 City St Anthony State ID Zip 83445

3. WELL LOCATION:
 Twp. 07 North or South Rge. 39 East or West
 Sec. 9 NW 1/4 NW 1/4
 Gov't of _____ County Fremont
 Lat. 43 356 N (Deg. and Decimal minutes)
 Long. -111 877 W (Deg. and Decimal minutes)
 Address of Well Site: 1 MI West of Intersection E 500 N and N 1500 E
 City Egin

4. USE:
 Domestic Municipal Monitor Irrigation Thermal Injection
 Center Injection Well

5. TYPE OF WORK:
 New well Replacement well Modify existing well
 Abandonment Other _____

6. DRILL METHOD:
 Air Rotary Mud Rotary Cable Other _____

7. SEALING PROCEDURES:

Sealant	From (ft)	To (ft)	Quantity (lb or ft ³)	Placement method/procedure
Bentonite	0	113	14,500 lbs	Overbore

8. CASING/LINER:

Inner (in)	From (ft)	To (ft)	Log Schedule	Material	Casing Liner	Threads	W/Doc
20"	+2	142	.375	Steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Was drive shoe used? Y N Shoe Depth(s) 142

9. PERFORATIONS/SCREENS:
 Perforations Y N Method _____
 Manufactured screen Y N Type _____
 Method of installation _____

From (ft)	To (ft)	Screen size (inches)	Material (nominal)	Velocity	Gauge or Schedule

Length of Headpipe _____ Length of Tailpipe _____
 Packer Y N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lb or ft ³)	Placement method

11. FLOWING ARTERIAN:
 Flowing Artesian? Y N Artesian Pressure (PSIG) _____
 Describe control device _____

12. STATIC WATER LEVEL and WELL TEST'S:
 Depth first water encountered (ft) _____ Static water level (ft) 73
 Water temp. (°F) _____ Bottom hole temp. (°F) _____
 Describe access point _____

Well test:

Drawdown (feet)	Change of head (gpm)	Test duration (minutes)	Test method:
			Pump <input type="checkbox"/> Isobar <input type="checkbox"/> Air <input type="checkbox"/> Flowing <input type="checkbox"/>

Water quality test or comments: _____

13. LITHOLOGIC LOG and/or repairs or abandonment:

Start Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of abandonment	Signs of repairs or alterations	Water
24	0	16	Sand		X
	16	19	Clay		X
	19	26	Fractured Basalt		X
	26	90	Basalt		X
	90	113	Fractured Basalt		X
	113	134	Red Sand and Basalt		X
	134	142	Basalt		X
20	142	147	Basalt		X
	147	158	Fractured Basalt		X
	158	166	Basalt		X
	166	178	Fractured Basalt		X
	178	183	Basalt		X
	183	186	Red Cinder Ash		X
	186	208	Fractured Basalt		X
	208	210	Basalt		X
	210	213	Red Cinder Ash		X
	213	238	Fractured Basalt		X

RECEIVED
 JUL 11 2024
 DEPT. OF WATER RESOURCES
 EASTERN REGION

Completed Depth (Measurable) 238
 Date Started: 5/22/24 Date Completed: 5/29/24

14. DRILLER'S CERTIFICATION:
 I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
 Company Name Vollmer Well Drilling Co. No. 383
 *Principal Driller: _____ Date 6/5/24
 *Driller: _____ Date 6/5/24
 *Operator: _____ Date 6/5/24
 *Operator: _____ Date 6/5/24
 *Other: _____ Date 6/5/24
 *Other: _____ Date 6/5/24

Figure 2 – Well log from the existing well at the Egin Lakes Recharge Wells Project, where ten additional identical wells are proposed for construction.

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE VANDERFORD ROAD
TEST RECHARGE WELL DEVELOPMENT

RESOLUTION TO APPROVE FUNDS FROM THE
WATER MANAGEMENT ACCOUNT OR THE
ARPA STATE FISCAL RECOVERY FUND AND
PROVIDE SIGNATORY AUTHORITY

1 WHEREAS, about one-third of Idaho’s population resides on the Eastern Snake Plain and the
2 Eastern Snake Plain Aquifer (ESPA) is the primary source of drinking water for both cities and most rural
3 residents of the Eastern Snake Plain; and
4

5 WHEREAS, numerous factors, including drought, have contributed to the loss of approximately
6 216,000 acre-feet of storage annually from ESPA since the 1950’s resulting in declining groundwater levels
7 in the aquifer and reduced spring flows to the Snake River; and
8

9 WHEREAS, the Idaho State Water Plan includes a goal to accomplish managed recharge in the ESPA
10 averaging 250,000 acre-feet annually; and
11

12 WHEREAS, the 2016 Idaho Legislature passed and approved Senate Concurrent Resolution 136
13 directing the IWRB to develop the capacity to achieve 250,000 acre-feet of annual average managed
14 recharge to the ESPA by December 31, 2024; and
15

16 WHEREAS, implementation of managed recharge on the ESPA will assist in the stabilization and
17 improvement of aquifer levels to protect municipal and domestic drinking water supplies, support
18 agriculture and other industries important to the state economy, and help address variability in climatic
19 conditions, including drought; and
20

21 WHEREAS, the American Rescue Plan Act (ARPA), Pub. L. 117-2 subtitle M (2021), appropriated
22 \$219,800,000,000 to the Coronavirus State and Local Fiscal Recovery Fund (SLFRF) for making payments to
23 the States to mitigate the fiscal effects stemming from the public health emergency with response to the
24 Coronavirus disease; and
25

26 WHEREAS, the SLFRF funds may be used to, among other things, make necessary investments in
27 water, sewer, or broadband infrastructure. Pub L. 117-2 sec. 602(c)(1)(D), 42 U.S.C. § 802(c)(D); and
28

29 WHEREAS, eligible uses of the SLFRF include projects that would be eligible to receive financial
30 assistance through the Clean Water State Revolving Fund (CWSRF), 40 CFR Part 35.3100—35.3170, and the
31 Drinking Water State Revolving Fund (DWSRF), 40 CFR 35.3520; and
32

33 WHEREAS, the CWSRF may be used for groundwater projects that protect and restore aquifers,
34 including aquifer recharge projects; and
35

36 WHEREAS, the DWSRF can be used to fund aquifer recharge projects such as aquifer storage and
37 recovery wells and water reuse and recycling projects to replace and offset potable water use and to
38 develop new sources of water to increase drought resilience; and

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WHEREAS, in 2022 the Idaho Legislature passed House Bill 769 in which it expressed its intent to set aside approximately \$250,000,000 of ARPA funding to support projects managed by the IWRB, including for the continued identification, study, construction, or enlargement of managed aquifer recharge sites above Milner Dam; and

WHEREAS, Idaho Code § 42-1760 authorizes the Idaho Water Resource Board (IWRB) to expend, loan, or grant moneys from the Water Management Account for water projects that conserve or increase water supply, improve drought resiliency, address water sustainability, or support flood management, including the identification, study, and construction of managed aquifer recharge sites above Milner dam; and

WHEREAS, the IWRB passed Resolution 32-2024 for a Water Management Account Spending Plan which allocates \$40,000,000 for Statewide Recharge Infrastructure; and,

WHEREAS, Aberdeen Springfield Canal Company presented a proposal to the IWRB Aquifer Stabilization Committee on September 5, 2024, for the Vanderford Road Test Recharge Well (“Project”) and associated infrastructure for a proposed cost of \$296,500.

NOW THEREFORE BE IT RESOLVED that the IWRB authorizes expenditure of up to \$296,500 from the Water Management Account or the ARPA State Fiscal Recovery Fund for the construction costs associated with the Project.

NOW THEREFORE BE IT FURTHER RESOLVED that the IWRB authorizes its chairman or designee, to execute the necessary agreements or contracts for the purpose of this resolution.

DATED this 13th day of September, 2024.

JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST _____
DEAN STEVENSON, Secretary

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE PEOPLE’S CANAL
COMPANY TEST RECHARGE WELL
DEVELOPMENT

RESOLUTION TO APPROVE FUNDS FROM THE
WATER MANAGEMENT ACCOUNT AND
PROVIDE SIGNATORY AUTHORITY

1 WHEREAS, about one-third of Idaho’s population resides on the Eastern Snake Plain and the
2 Eastern Snake Plain Aquifer (ESPA) is the primary source of drinking water for both cities and most rural
3 residents of the Eastern Snake Plain; and
4

5 WHEREAS, numerous factors, including drought, have contributed to the loss of approximately
6 216,000 acre-feet of storage annually from ESPA since the 1950’s resulting in declining groundwater levels
7 in the aquifer and reduced spring flows to the Snake River; and
8

9 WHEREAS, the Idaho State Water Plan includes a goal to accomplish managed recharge in the ESPA
10 averaging 250,000 acre-feet annually; and
11

12 WHEREAS, the 2016 Idaho Legislature passed and approved Senate Concurrent Resolution 136
13 directing the IWRB to develop the capacity to achieve 250,000 acre-feet of annual average managed
14 recharge to the ESPA by December 31, 2024; and
15

16 WHEREAS, implementation of managed recharge on the ESPA will assist in the stabilization and
17 improvement of aquifer levels to protect municipal and domestic drinking water supplies, support
18 agriculture and other industries important to the state economy, and help address variability in climatic
19 conditions, including drought; and
20

21 WHEREAS, the American Rescue Plan Act (ARPA), Pub. L. 117-2 subtitle M (2021), appropriated
22 \$219,800,000,000 to the Coronavirus State and Local Fiscal Recovery Fund (SLFRF) for making payments to
23 the States to mitigate the fiscal effects stemming from the public health emergency with response to the
24 Coronavirus disease; and
25

26 WHEREAS, the SLFRF funds may be used to, among other things, make necessary investments in
27 water, sewer, or broadband infrastructure. Pub L. 117-2 sec. 602(c)(1)(D), 42 U.S.C. § 802(c)(D); and
28

29 WHEREAS, eligible uses of the SLFRF include projects that would be eligible to receive financial
30 assistance through the Clean Water State Revolving Fund (CWSRF), 40 CFR Part 35.3100—35.3170, and the
31 Drinking Water State Revolving Fund (DWSRF), 40 CFR 35.3520; and
32

33 WHEREAS, the CWSRF may be used for groundwater projects that protect and restore aquifers,
34 including aquifer recharge projects; and
35

36 WHEREAS, the DWSRF can be used to fund aquifer recharge projects such as aquifer storage and
37 recovery wells and water reuse and recycling projects to replace and offset potable water use and to

38 develop new sources of water to increase drought resilience; and

39
40 WHEREAS, in 2022 the Idaho Legislature passed House Bill 769 in which it expressed its intent to
41 set aside approximately \$250,000,000 of ARPA funding to support projects managed by the IWRB, including
42 for the continued identification, study, construction, or enlargement of managed aquifer recharge sites
43 above Milner Dam; and

44
45 WHEREAS, Idaho Code § 42-1760 authorizes the Idaho Water Resource Board (IWRB) to expend,
46 loan, or grant moneys from the Water Management Account for water projects that conserve or increase
47 water supply, improve drought resiliency, address water sustainability, or support flood management,
48 including the identification, study, and construction of managed aquifer recharge sites above Milner dam;
49 and

50
51 WHEREAS, the IWRB passed Resolution 32-2024 for a Water Management Account Spending Plan
52 which allocates \$40,000,000 for Statewide Recharge Infrastructure; and,

53
54 WHEREAS, People’s Canal Company (“PCC”) presented a proposal to the IWRB Aquifer Stabilization
55 Committee on September 5, 2024, for the People’s Canal Test Recharge Well (“Project”) and associated
56 infrastructure for a proposed cost of \$135,000.

57
58 NOW THEREFORE BE IT RESOLVED that the IWRB authorizes expenditure of up to \$135,000 from
59 the Water Management Account or the ARPA State Fiscal Recovery Fund for the construction costs
60 associated with the Project.

61
62 NOW THEREFORE BE IT FURTHER RESOLVED that the IWRB authorizes its chairman or designee, to
63 execute the necessary agreements or contracts for the purpose of this resolution.

DATED this 13th day of September 2024.

JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST _____
DEAN STEVENSON, Secretary

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF NEW SWEDEN IRRIGATION
DISTRICT'S OSGOOD RECHARGE PROJECT TEST
RECHARGE WELLS DEVELOPMENT

RESOLUTION TO APPROVE FUNDS FROM THE
WATER MANAGEMENT ACCOUNT OR THE
ARPA STATE FISCAL RECOVERY FUND AND
PROVIDE SIGNATORY AUTHORITY

1 WHEREAS, about one-third of Idaho's population resides on the Eastern Snake Plain and the
2 Eastern Snake Plain Aquifer (ESPA) is the primary source of drinking water for both cities and most rural
3 residents of the Eastern Snake Plain; and
4

5 WHEREAS, numerous factors, including drought, have contributed to the loss of approximately
6 216,000 acre-feet of storage annually from ESPA since the 1950's resulting in declining groundwater levels
7 in the aquifer and reduced spring flows to the Snake River; and
8

9 WHEREAS, the Idaho State Water Plan includes a goal to accomplish managed recharge in the ESPA
10 averaging 250,000 acre-feet annually; and
11

12 WHEREAS, the 2016 Idaho Legislature passed and approved Senate Concurrent Resolution 136
13 directing the IWRB to develop the capacity to achieve 250,000 acre-feet of annual average managed
14 recharge to the ESPA by December 31, 2024; and
15

16 WHEREAS, implementation of managed recharge on the ESPA will assist in the stabilization and
17 improvement of aquifer levels to protect municipal and domestic drinking water supplies, support
18 agriculture and other industries important to the state economy, and help address variability in climatic
19 conditions, including drought; and
20

21 WHEREAS, the American Rescue Plan Act (ARPA), Pub. L. 117-2 subtitle M (2021), appropriated
22 \$219,800,000,000 to the Coronavirus State and Local Fiscal Recovery Fund (SLFRF) for making payments to
23 the States to mitigate the fiscal effects stemming from the public health emergency with response to the
24 Coronavirus disease; and
25

26 WHEREAS, the SLFRF funds may be used to, among other things, make necessary investments in
27 water, sewer, or broadband infrastructure. Pub L. 117-2 sec. 602(c)(1)(D), 42 U.S.C. § 802(c)(D); and
28

29 WHEREAS, eligible uses of the SLFRF include projects that would be eligible to receive financial
30 assistance through the Clean Water State Revolving Fund (CWSRF), 40 CFR Part 35.3100—35.3170, and the
31 Drinking Water State Revolving Fund (DWSRF), 40 CFR 35.3520; and
32

33 WHEREAS, the CWSRF may be used for groundwater projects that protect and restore aquifers,
34 including aquifer recharge projects; and
35

36 WHEREAS, the DWSRF can be used to fund aquifer recharge projects such as aquifer storage and
37 recovery wells and water reuse and recycling projects to replace and offset potable water use and to

38 develop new sources of water to increase drought resilience; and

39
40 WHEREAS, in 2022 the Idaho Legislature passed House Bill 769 in which it expressed its intent to
41 set aside approximately \$250,000,000 of ARPA funding to support projects managed by the IWRB, including
42 for the continued identification, study, construction, or enlargement of managed aquifer recharge sites
43 above Milner Dam; and

44
45 WHEREAS, Idaho Code § 42-1760 authorizes the Idaho Water Resource Board (IWRB) to expend,
46 loan, or grant moneys from the Water Management Account for water projects that conserve or increase
47 water supply, improve drought resiliency, address water sustainability, or support flood management,
48 including the identification, study, and construction of managed aquifer recharge sites above Milner dam;
49 and

50
51 WHEREAS, the IWRB passed Resolution 32-2024 for a Water Management Account Spending Plan
52 which allocates \$40,000,000 for Statewide Recharge Infrastructure; and,

53
54 WHEREAS, New Sweden Irrigation District presented a proposal to the IWRB Aquifer Stabilization
55 Committee on September 5, 2024, for the Osgood Recharge Project Test Recharge Wells (“Project”) and
56 associated infrastructure for a proposed cost of \$250,000.

57
58 NOW THEREFORE BE IT RESOLVED that the IWRB authorizes expenditure of up to \$250,000 from
59 the Water Management Account or the ARPA State Fiscal Recovery Fund for the construction costs
60 associated with the Project.

61
62 NOW THEREFORE BE IT FURTHER RESOLVED that the IWRB authorizes its chairman or designee, to
63 execute the necessary agreements or contracts for the purpose of this resolution.

DATED this 13th day of September 2024.

JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST _____
DEAN STEVENSON, Secretary

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF NEW SWEDEN IRRIGATION
DISTRICT'S HEAD OF THE BASALT TEST
RECHARGE WELL DEVELOPMENT

RESOLUTION TO APPROVE FUNDS FROM THE
WATER MANAGEMENT ACCOUNT OR THE
ARPA STATE FISCAL RECOVERY FUND AND
PROVIDE SIGNATORY AUTHORITY

1 WHEREAS, about one-third of Idaho's population resides on the Eastern Snake Plain and the
2 Eastern Snake Plain Aquifer (ESPA) is the primary source of drinking water for both cities and most rural
3 residents of the Eastern Snake Plain; and
4

5 WHEREAS, numerous factors, including drought, have contributed to the loss of approximately
6 216,000 acre-feet of storage annually from ESPA since the 1950's resulting in declining groundwater levels
7 in the aquifer and reduced spring flows to the Snake River; and
8

9 WHEREAS, the Idaho State Water Plan includes a goal to accomplish managed recharge in the ESPA
10 averaging 250,000 acre-feet annually; and
11

12 WHEREAS, the 2016 Idaho Legislature passed and approved Senate Concurrent Resolution 136
13 directing the IWRB to develop the capacity to achieve 250,000 acre-feet of annual average managed
14 recharge to the ESPA by December 31, 2024; and
15

16 WHEREAS, implementation of managed recharge on the ESPA will assist in the stabilization and
17 improvement of aquifer levels to protect municipal and domestic drinking water supplies, support
18 agriculture and other industries important to the state economy, and help address variability in climatic
19 conditions, including drought; and
20

21 WHEREAS, the American Rescue Plan Act (ARPA), Pub. L. 117-2 subtitle M (2021), appropriated
22 \$219,800,000,000 to the Coronavirus State and Local Fiscal Recovery Fund (SLFRF) for making payments to
23 the States to mitigate the fiscal effects stemming from the public health emergency with response to the
24 Coronavirus disease; and
25

26 WHEREAS, the SLFRF funds may be used to, among other things, make necessary investments in
27 water, sewer, or broadband infrastructure. Pub L. 117-2 sec. 602(c)(1)(D), 42 U.S.C. § 802(c)(D); and
28

29 WHEREAS, eligible uses of the SLFRF include projects that would be eligible to receive financial
30 assistance through the Clean Water State Revolving Fund (CWSRF), 40 CFR Part 35.3100—35.3170, and the
31 Drinking Water State Revolving Fund (DWSRF), 40 CFR 35.3520; and
32

33 WHEREAS, the CWSRF may be used for groundwater projects that protect and restore aquifers,
34 including aquifer recharge projects; and
35

36 WHEREAS, the DWSRF can be used to fund aquifer recharge projects such as aquifer storage and
37 recovery wells and water reuse and recycling projects to replace and offset potable water use and to

38 develop new sources of water to increase drought resilience; and

39
40 WHEREAS, in 2022 the Idaho Legislature passed House Bill 769 in which it expressed its intent to
41 set aside approximately \$250,000,000 of ARPA funding to support projects managed by the IWRB, including
42 for the continued identification, study, construction, or enlargement of managed aquifer recharge sites
43 above Milner Dam; and

44
45 WHEREAS, Idaho Code § 42-1760 authorizes the Idaho Water Resource Board (IWRB) to expend,
46 loan, or grant moneys from the Water Management Account for water projects that conserve or increase
47 water supply, improve drought resiliency, address water sustainability, or support flood management,
48 including the identification, study, and construction of managed aquifer recharge sites above Milner dam;
49 and

50
51 WHEREAS, the IWRB passed Resolution 32-2024 for a Water Management Account Spending Plan
52 which allocates \$40,000,000 for Statewide Recharge Infrastructure; and,

53
54 WHEREAS, New Sweden Irrigation District presented a proposal to the IWRB Aquifer Stabilization
55 Committee on September 5, 2024, for the Head of the Basalt Test Recharge Well (“Project”) and associated
56 infrastructure for a proposed cost of \$256,000.

57
58 NOW THEREFORE BE IT RESOLVED that the IWRB authorizes expenditure of up to \$256,000 from
59 the Water Management Account or the ARPA State Fiscal Recovery Fund for the construction costs
60 associated with the Project.

61
62 NOW THEREFORE BE IT FURTHER RESOLVED that the IWRB authorizes its chairman or designee, to
63 execute the necessary agreements or contracts for the purpose of this resolution.

DATED this 13th day of September, 2024.

JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST _____
DEAN STEVENSON, Secretary

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF ENTERPRIZE CANAL
COMPANY'S 55TH ROAD RECHARGE BASIN
EXPANSION

RESOLUTION TO APPROVE FUNDS FROM THE
WATER MANAGEMENT ACCOUNT OR THE
ARPA STATE FISCAL RECOVERY FUND AND
PROVIDE SIGNATORY AUTHORITY

1 WHEREAS, about one-third of Idaho's population resides on the Eastern Snake Plain and the
2 Eastern Snake Plain Aquifer (ESPA) is the primary source of drinking water for both cities and most rural
3 residents of the Eastern Snake Plain; and
4

5 WHEREAS, numerous factors, including drought, have contributed to the loss of approximately
6 216,000 acre-feet of storage annually from ESPA since the 1950's resulting in declining groundwater levels
7 in the aquifer and reduced spring flows to the Snake River; and
8

9 WHEREAS, the Idaho State Water Plan includes a goal to accomplish managed recharge in the ESPA
10 averaging 250,000 acre-feet annually; and
11

12 WHEREAS, the 2016 Idaho Legislature passed and approved Senate Concurrent Resolution 136
13 directing the IWRB to develop the capacity to achieve 250,000 acre-feet of annual average managed
14 recharge to the ESPA by December 31, 2024; and
15

16 WHEREAS, implementation of managed recharge on the ESPA will assist in the stabilization and
17 improvement of aquifer levels to protect municipal and domestic drinking water supplies, support
18 agriculture and other industries important to the state economy, and help address variability in climatic
19 conditions, including drought; and
20

21 WHEREAS, the American Rescue Plan Act (ARPA), Pub. L. 117-2 subtitle M (2021), appropriated
22 \$219,800,000,000 to the Coronavirus State and Local Fiscal Recovery Fund (SLFRF) for making payments to
23 the States to mitigate the fiscal effects stemming from the public health emergency with response to the
24 Coronavirus disease; and
25

26 WHEREAS, the SLFRF funds may be used to, among other things, make necessary investments in
27 water, sewer, or broadband infrastructure. Pub L. 117-2 sec. 602(c)(1)(D), 42 U.S.C. § 802(c)(D); and
28

29 WHEREAS, eligible uses of the SLFRF include projects that would be eligible to receive financial
30 assistance through the Clean Water State Revolving Fund (CWSRF), 40 CFR Part 35.3100—35.3170, and the
31 Drinking Water State Revolving Fund (DWSRF), 40 CFR 35.3520; and
32

33 WHEREAS, the CWSRF may be used for groundwater projects that protect and restore aquifers,
34 including aquifer recharge projects; and
35

36 WHEREAS, the DWSRF can be used to fund aquifer recharge projects such as aquifer storage and
37 recovery wells and water reuse and recycling projects to replace and offset potable water use and to

38 develop new sources of water to increase drought resilience; and

39
40 WHEREAS, in 2022 the Idaho Legislature passed House Bill 769 in which it expressed its intent to
41 set aside approximately \$250,000,000 of ARPA funding to support projects managed by the IWRB, including
42 for the continued identification, study, construction, or enlargement of managed aquifer recharge sites
43 above Milner Dam; and

44
45 WHEREAS, Idaho Code § 42-1760 authorizes the Idaho Water Resource Board (IWRB) to expend,
46 loan, or grant moneys from the Water Management Account for water projects that conserve or increase
47 water supply, improve drought resiliency, address water sustainability, or support flood management,
48 including the identification, study, and construction of managed aquifer recharge sites above Milner dam;
49 and

50
51 WHEREAS, the IWRB passed Resolution 32-2024 for a Water Management Account Spending Plan
52 which allocates \$40,000,000 for Statewide Recharge Infrastructure; and,

53
54 WHEREAS, Enterprize Canal Company presented a proposal to the IWRB Aquifer Stabilization
55 Committee on September 5, 2024, for the 55th Road Basin Expansion Project (“Project”) and associated
56 infrastructure for a proposed cost of \$6,190,533.

57
58 NOW THEREFORE BE IT RESOLVED that the IWRB authorizes expenditure of up to \$6,190,533 from
59 the Water Management Account or the ARPA State Fiscal Recovery Fund for the construction costs
60 associated with the Project.

61
62 NOW THEREFORE BE IT FURTHER RESOLVED that the IWRB authorizes its chairman or designee, to
63 execute the necessary agreements or contracts for the purpose of this resolution.

DATED this 13th day of September 2024.

JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST _____
DEAN STEVENSON, Secretary

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF FREMONT MADISON
IRRIGATION DISTRICT'S EGIN RECHARGE WELLS
COMPLEX

RESOLUTION TO APPROVE FUNDS FROM THE
WATER MANAGEMENT ACCOUNT OR THE
ARPA STATE FISCAL RECOVERY FUND AND
PROVIDE SIGNATORY AUTHORITY

1 WHEREAS, about one-third of Idaho's population resides on the Eastern Snake Plain and the
2 Eastern Snake Plain Aquifer (ESPA) is the primary source of drinking water for both cities and most rural
3 residents of the Eastern Snake Plain; and
4

5 WHEREAS, numerous factors, including drought, have contributed to the loss of approximately
6 216,000 acre-feet of storage annually from ESPA since the 1950's resulting in declining groundwater levels
7 in the aquifer and reduced spring flows to the Snake River; and
8

9 WHEREAS, the Idaho State Water Plan includes a goal to accomplish managed recharge in the ESPA
10 averaging 250,000 acre-feet annually; and
11

12 WHEREAS, the 2016 Idaho Legislature passed and approved Senate Concurrent Resolution 136
13 directing the IWRB to develop the capacity to achieve 250,000 acre-feet of annual average managed
14 recharge to the ESPA by December 31, 2024; and
15

16 WHEREAS, implementation of managed recharge on the ESPA will assist in the stabilization and
17 improvement of aquifer levels to protect municipal and domestic drinking water supplies, support
18 agriculture and other industries important to the state economy, and help address variability in climatic
19 conditions, including drought; and
20

21 WHEREAS, the American Rescue Plan Act (ARPA), Pub. L. 117-2 subtitle M (2021), appropriated
22 \$219,800,000,000 to the Coronavirus State and Local Fiscal Recovery Fund (SLFRF) for making payments to
23 the States to mitigate the fiscal effects stemming from the public health emergency with response to the
24 Coronavirus disease; and
25

26 WHEREAS, the SLFRF funds may be used to, among other things, make necessary investments in
27 water, sewer, or broadband infrastructure. Pub L. 117-2 sec. 602(c)(1)(D), 42 U.S.C. § 802(c)(D); and
28

29 WHEREAS, eligible uses of the SLFRF include projects that would be eligible to receive financial
30 assistance through the Clean Water State Revolving Fund (CWSRF), 40 CFR Part 35.3100—35.3170, and the
31 Drinking Water State Revolving Fund (DWSRF), 40 CFR 35.3520; and
32

33 WHEREAS, the CWSRF may be used for groundwater projects that protect and restore aquifers,
34 including aquifer recharge projects; and
35

36 WHEREAS, the DWSRF can be used to fund aquifer recharge projects such as aquifer storage and
37 recovery wells and water reuse and recycling projects to replace and offset potable water use and to

38 develop new sources of water to increase drought resilience; and

39
40 WHEREAS, in 2022 the Idaho Legislature passed House Bill 769 in which it expressed its intent to
41 set aside approximately \$250,000,000 of ARPA funding to support projects managed by the IWRB, including
42 for the continued identification, study, construction, or enlargement of managed aquifer recharge sites
43 above Milner Dam; and

44
45 WHEREAS, Idaho Code § 42-1760 authorizes the Idaho Water Resource Board (IWRB) to expend,
46 loan, or grant moneys from the Water Management Account for water projects that conserve or increase
47 water supply, improve drought resiliency, address water sustainability, or support flood management,
48 including the identification, study, and construction of managed aquifer recharge sites above Milner dam;
49 and

50
51 WHEREAS, the IWRB passed Resolution 32-2024 for a Water Management Account Spending Plan
52 which allocates \$40,000,000 for Statewide Recharge Infrastructure; and,

53
54 WHEREAS, Fremont Madison Irrigation District presented a proposal to the IWRB Aquifer
55 Stabilization Committee on September 5, 2024, for the Egin Recharge Wells Complex (“Project”) and
56 associated infrastructure for a proposed cost of \$7,388,500.

57
58 NOW THEREFORE BE IT RESOLVED that the IWRB authorizes expenditure of up to \$7,388,500 from
59 the Water Management Account or the ARPA State Fiscal Recovery Fund for the construction costs
60 associated with the Project.

61
62 NOW THEREFORE BE IT FURTHER RESOLVED that the IWRB authorizes its chairman or designee, to
63 execute the necessary agreements or contracts for the purpose of this resolution.

DATED this 13th day of September 2024.

JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST _____
DEAN STEVENSON, Secretary

Dedicated Recharge Infrastructure Funding Proposals – Round One

Presented to the Idaho Water Resource Board

Meeting Number 10-24

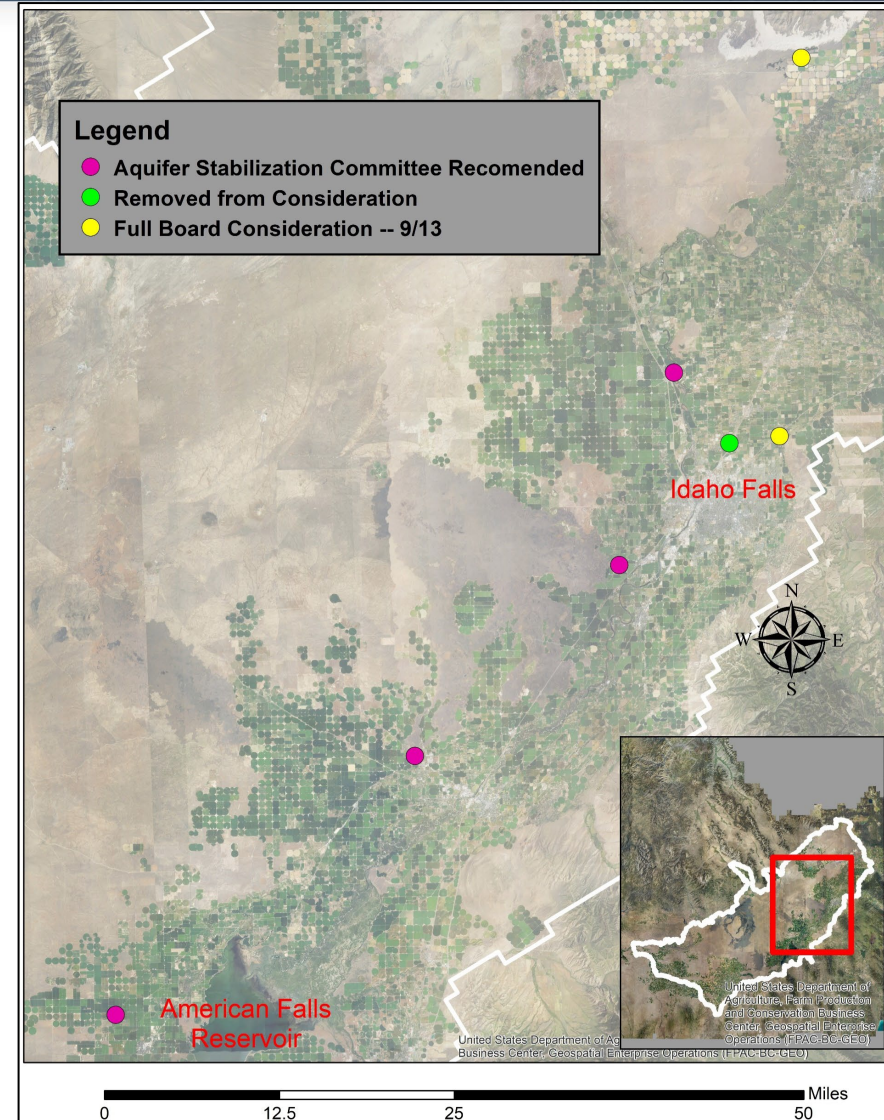
September 13, 2024

by Cooper Fritz – IWRB Recharge Program Coordinator

Summary of Aquifer Stabilization Committee Meeting Number 3-24 (September 5)

Seven projects were proposed.

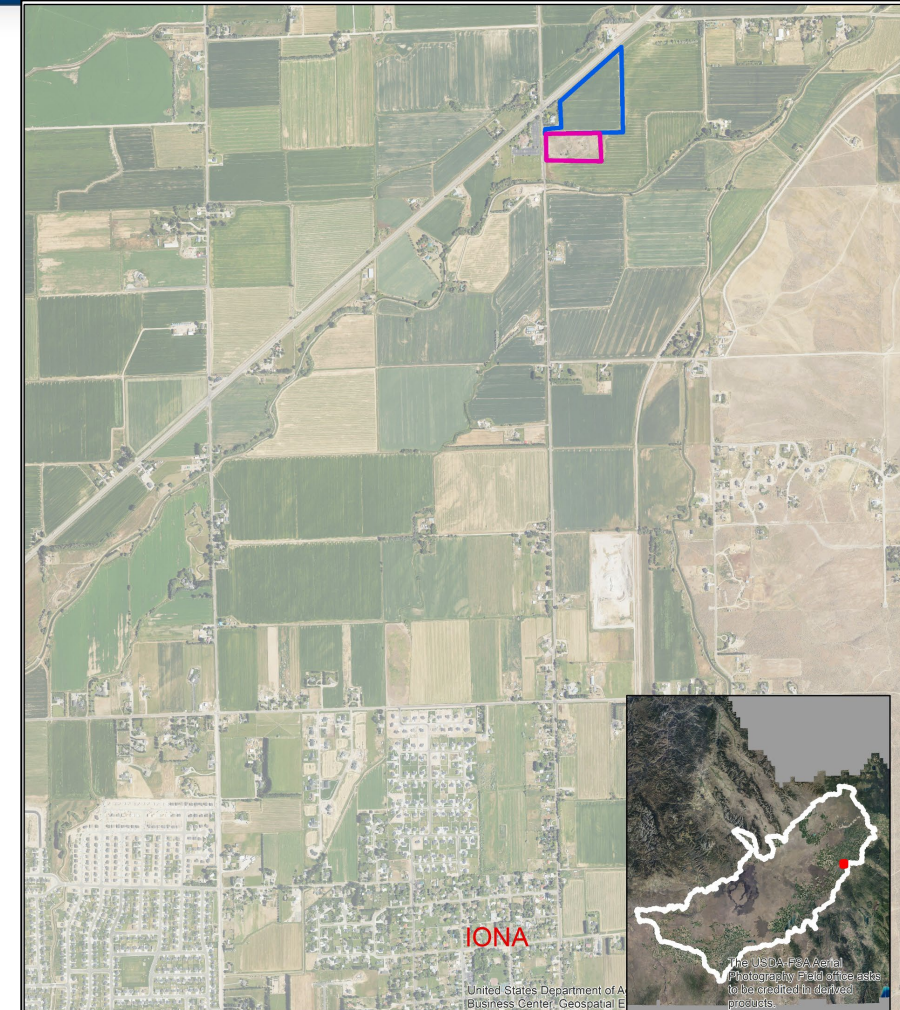
- Funding was recommended for four projects.
 - Resolutions are included in the Meeting Materials.
- One project was pulled by staff due to risk concerns.
- Two remaining projects are presented for full board consideration without a recommendation.
 - Resolutions are provided if the board chooses to proceed with either project.



Enterprize Canal Company 55th Road Basin Expansion

Amended Project Overview:

- **Summer 2024 Recharge Results:** 8-acre basin (6.5 “wetted” acres), 30 feet deep, recharged 40 cfs (6.15 cfs/acre).
- **Recharge Basin Expansion:** Enterprize purchased a 21-acre parcel adjacent to the existing basin and proposes to excavate 7 acres. Expected recharge rate: 5.2 cfs/acre at 25 feet depth.
- **Engineering Oversight:** Requested due to specific site requirements.

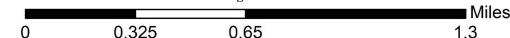


Legend

- Existing 8 Acre Basin
- 21 Acre Enterprize Parcel



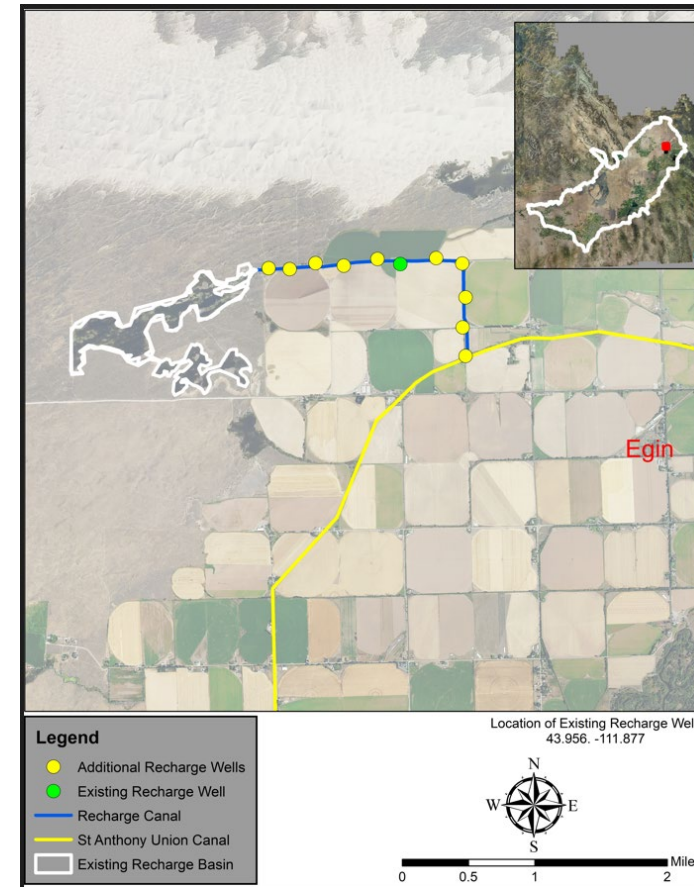
Basin Location:
43.565, -111.921



Fremont Madison Irrigation District West Egin Recharge Wells Complex

Project Overview:

- **Test Well -- Spring 2024:** FMID and IWRB built a 20-inch, 238-ft test recharge well, which recharges up to 10.5 cfs.
- **Recharge Well Complex Buildout:** Based on test well results, FMID proposes 10 additional wells along 2.2 miles of the Recharge Canal, located 2.5 miles northwest of Egin and 9 miles west of St. Anthony.
- **Geologic Setting:** Highly permeable geologic material (69 ft of fractured basalt, 6 ft of cinders in Test Well) should support 105 cfs of additional recharge.
- **Canal Infrastructure Improvements:** Necessary to accommodate increased recharge capacity.
 - Recharge Canal: Bridge rehabilitation, rock hammering, excavation,
 - St. Anthony Union: SCADA automation of 25 check dams.



Costs and Benefits

	55th Road Basin Expansion	West Egin Recharge Well Complex
Total Price	\$2,388,587	\$7,388,500
Anticipated Recharge Rate	36.4 cfs	105 cfs
\$/AF (Averaged Over 20 Years)	\$36.76	\$39.42 - \$30.51*
Primary Reach Impacted	Heise to Shelley	Henry's Fork

*Depending on securing additional grant

Memorandum

To: Idaho Water Resource Board

From: Kala Golden, Program Manager

Date: September 5, 2024

Re: Cloud Seeding Program Expenditures



ACTION: Approve a resolution to authorize funding for cloud seeding expenditures

Background

On September 9, 2024 the Idaho Water Resource Board (IWRB) Cloud Seeding Committee (Committee) reviewed proposed cloud seeding program expenditures and recommended that each expenditure be considered under a separate resolution. The IWRB is being asked to consider three resolutions to authorize the expenditure of funds approved as a part of the Fiscal Year 2025 Secondary Aquifer Planning and Management Fund Budget. Staff will provide more information at the IWRB's Regular Meeting on September 13, 2024.

Attachments:

- Resolution to authorize the expenditure of funds for development of downscaled climatology data set
- Resolution to authorize the expenditure of funds for deployment of weather instrumentation to support liquid propane investigation
- Resolution to authorize the expenditure of funds for improvements to model physics

Idaho Collaborative Cloud Seeding Program



Cloud Seeding Program Expenditures

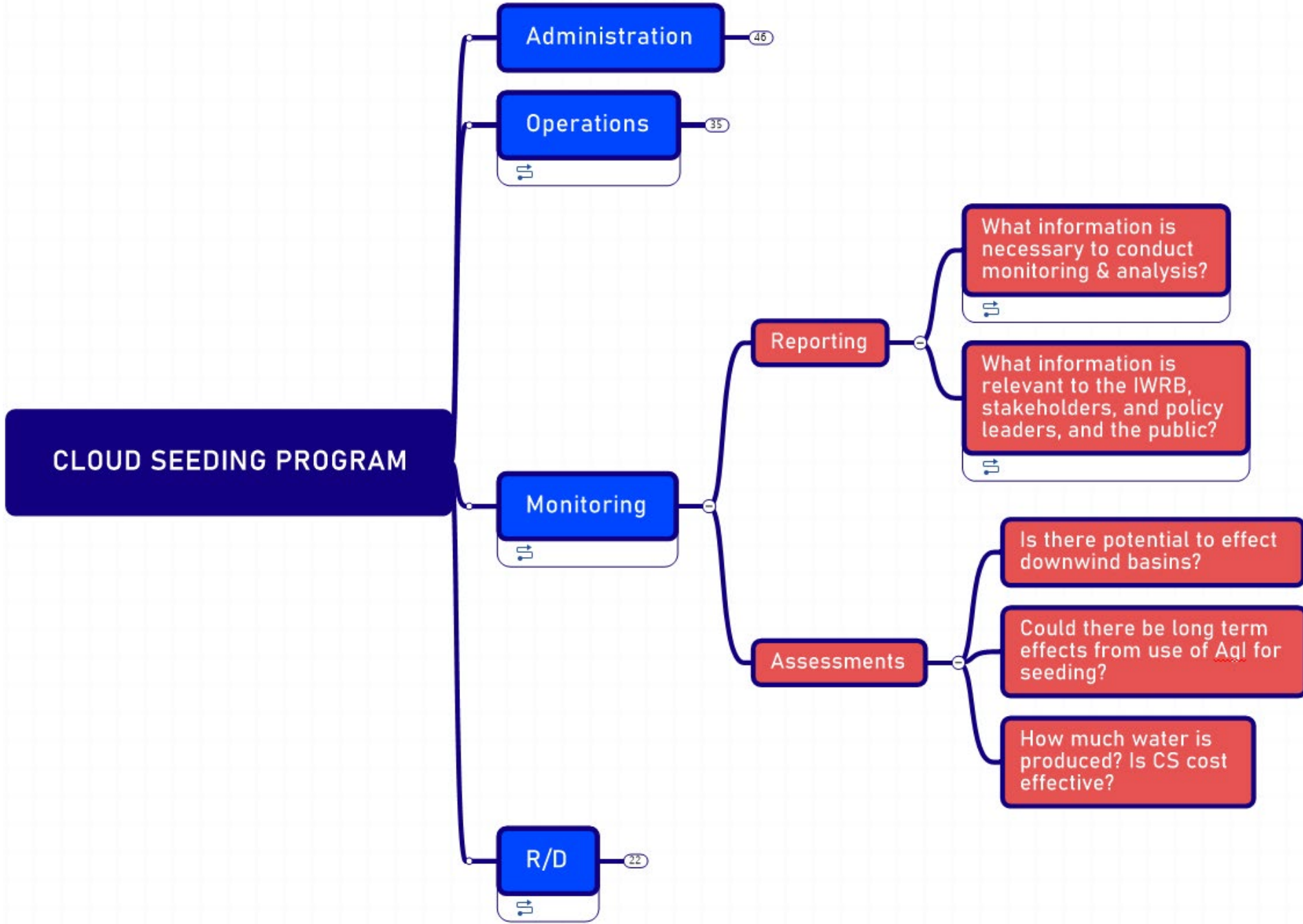
Idaho Water Resource Board | Regular Meeting
Kala Golden, IWRB Cloud Seeding Program Manager
September 13, 2024

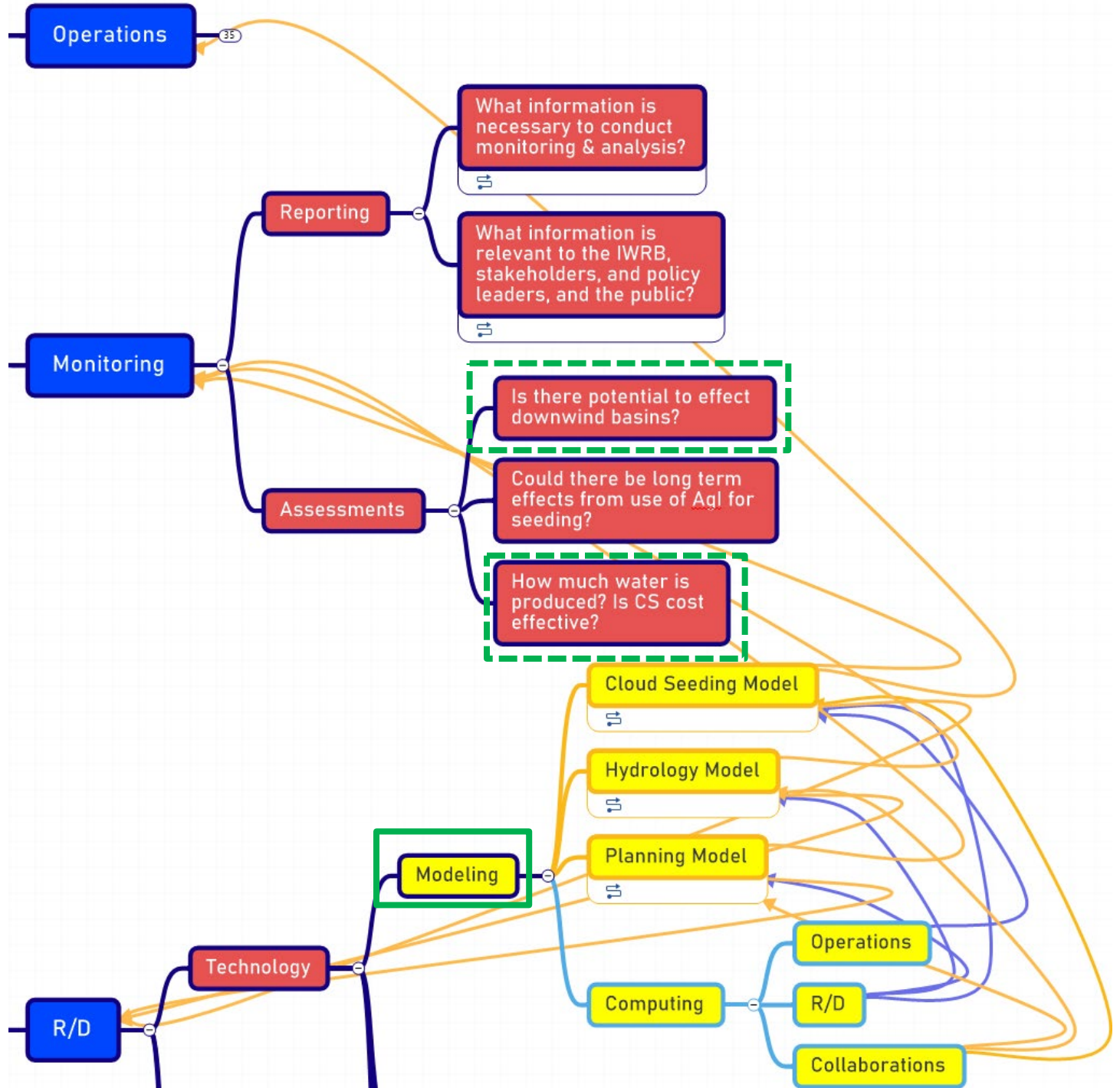


Overview

- Downscaling of Climatology Data set
- Model Analysis of Precipitation Changes and Effects
- Liquid Propane Investigation







Program Expenditures | Fiscal Year 2024 Secondary Fund Budget



CLOUD SEEDING PROGRAM				
				FY25 Proposed
Operations & Maintenance	Upper Snake River Basin	2024-2025 Project Operations - Aircraft & Remote Ground (=2/3 * \$1,675,000)		\$1,117,225
	Wood River Basin	2024-2025 Project Operations - Aircraft & Remote Ground (=2/3 * \$765,000)		\$510,255
	Boise River Basin	2024-2025 Project Operations - Aircraft & Remote Ground (=2/3 * \$1,010,000)		\$673,670
	Collaborative Program	<i>Estimated</i> Water User Contributions		(\$430,000)
	HCRC D Program	2024-2025 Upper Snake Project Operations - Manual Ground		\$60,000 *
	Technology	Administration Operational Modeling and Computing		\$60,000
		TOTAL		\$1,991,150
Capital	Weather Instrumentation	(Existing) Replacement/Enhancement/Upgrade		\$200,000 *
		(Statewide) New Devices		\$0
	Technology	(Infrastructure) Computing and Modeling		\$1,100,000 *
	Equipment	Remote Ground Generators		\$0
		TOTAL		\$1,300,000
Research & Development	Technology	(Development) Weather Instrumentation and Modeling		\$1,000,000 *
	Investigations	Analysis/Assessments, cost share for research to support policy questions		\$600,000 *
	New Basins	Infrastructure, investigations, administration Bear River Basin		\$300,000 *
	Reserve	Additional Program Costs		\$250,000
		TOTAL		\$2,150,000
CLOUD SEEDING PROGRAM TOTAL				\$5,441,150



Program Expenditures | Downscaling of Climatology Data

- Approved \$1,000,000 under Research & Development for Technology to support modeling
- Requesting Authorizing for expenditure of \$910,000 to develop downscaled climatology set to support cloud seeding analysis and assessments



Program Expenditures | Improvements to Model Physics

- Approved \$600,000 under Research & Development for Investigations
- Requesting Authorizing for expenditure of \$290,000 to make improvements to model physics



Program Expenditures | Liquid Propane Investigation

- Approved \$600,000 under Research & Development for Investigations
- Requesting Authorizing for expenditure of \$170,000 to support weather instrumentation for liquid propane investigation



Program Expenditures

Fiscal Year 2025 Secondary Aquifer Fund Budget



CLOUD SEEDING PROGRAM			FY25 Proposed	FY25 Authorized To Date				
Operations & Maintenance	Upper Snake River Basin	2024-2025 Project Operations - Aircraft & Remote Ground (=2/3 * \$1,675,000)	\$1,117,225	\$1,117,225				
	Wood River Basin	2024-2025 Project Operations - Aircraft & Remote Ground (=2/3 * \$765,000)	\$510,255	\$510,255				
	Boise River Basin	2024-2025 Project Operations - Aircraft & Remote Ground (=2/3 * \$1,010,000)	\$673,670	\$673,670				
	Collaborative Program	Estimated Water User Contributions	(\$430,000)					
	HCRCD Program	2024-2025 Upper Snake Project Operations - Manual Ground	\$60,000 *					
	Technology	Administration Operational Modeling and Computing	\$60,000	\$60,000				
TOTAL			\$1,991,150	\$2,361,150				
Capital	Weather Instrumentation	(Existing) Replacement/Enhancement/Upgrade	\$200,000 *					
		(Statewide) New Devices	\$0	\$0				
	Technology	(Infrastructure) Computing and Modeling	\$1,100,000 *					
	Equipment	Remote Ground Generators	\$0	\$0				
TOTAL			\$1,300,000	\$0				
Research & Development	Technology	(Development) Weather Instrumentation and Modeling	\$1,000,000 *	\$0	\$910,000	Downscaling; data sets		
	Investigations	Analysis/Assessments, cost share for research to support policy questions	\$600,000 *	\$0	\$460,000	Model physical processes; LP Winter 24-25		
	New Basins	Infrastructure, investigations, administration Bear River Basin	\$300,000 *					
	Reserve	Additional Program Costs	\$250,000	\$250,000				
TOTAL			\$2,150,000	\$250,000				
CLOUD SEEDING PROGRAM TOTAL			\$5,441,150	\$2,611,150	\$3,981,150			

Questions?



BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF CLOUD SEEDING IN THE
STATE OF IDAHO

RESOLUTION TO AUTHORIZE THE
EXPENDITURE OF FUNDS FOR DEVELOPMENT
OF DOWNSCALED CLIMATOLOGY DATA SET

1 WHEREAS, House Bill 266 (HB 266), passed and approved by the 2021 legislature, and recognized
2 that cloud seeding has provided a unique and innovative opportunity to support sustainable water
3 supplies for the State of Idaho, and designated the Idaho Water Resource Board (IWRB) as the agency
4 responsible for authorization of cloud seeding programs within the State; and
5

6 WHEREAS, HB266 created section §42-4301 on cloud seeding, directing the IWRB to continue its
7 analysis of cloud seeding operations, conduct an assessment of cloud seeding opportunities across the
8 State of Idaho, and identify opportunities for expanding the Cloud Seeding Program (Program) within the
9 State; and
10

11 WHEREAS, Cloud Seeding Program development and analysis require the use of sophisticated
12 modeling technologies, many of which are actively under development for the first time; and
13

14 WHEREAS, to improve modeling capabilities for program development and long term monitoring
15 and analysis of cloud seeding in Idaho, climatology data that supports modeling will need to be refined;
16 and
17

18 WHEREAS, on May 24, 2024, the IWRB adopted the Secondary Aquifer Planning, Management,
19 and Implementation Fund (Secondary Aquifer Fund) Fiscal Year 2025 Budget, which included funding for
20 Cloud Seeding Program Research & Development for modeling in the amount of \$1,000,000.
21

22 NOW, THEREFORE BE IT RESOLVED that, the IWRB authorizes expenditures not to exceed
23 \$910,000 from the Secondary Aquifer Fund, Cloud Seeding Program, Research & Development -
24 Technology for a project to downscale the resolution of data sets available in Idaho.
25

26 BE IT FURTHER RESOLVED that the IWRB authorizes its chairman or designee, Brian Patton,
27 Executive Manager to the IWRB, to execute the necessary agreements or contracts to complete the
28 proposed efforts.

DATED this 13th day of September 2024.

Jeff Raybould, Chairman
Idaho Water Resource Board

ATTEST _____

Dean Stevenson, Secretary

DRAFT

Resolution No. _____

Page 2

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF CLOUD SEEDING IN THE
STATE OF IDAHO

RESOLUTION TO AUTHORIZE THE
EXPENDITURE OF FUNDS FOR
IMPROVEMENTS TO MODEL PHYSICS

1 WHEREAS, House Bill 266 (HB 266), passed and approved by the 2021 legislature, and recognized
2 that cloud seeding has provided a unique and innovative opportunity to support sustainable water
3 supplies for the State of Idaho, and designated the Idaho Water Resource Board (IWRB) as the agency
4 responsible for authorization of cloud seeding programs within the State; and
5

6 WHEREAS, HB266 created section §42-4301 on cloud seeding, directing the IWRB to continue its
7 analysis of cloud seeding operations, conduct an assessment of cloud seeding opportunities across the
8 State of Idaho, and identify opportunities for expanding the Cloud Seeding Program (Program) within the
9 State; and
10

11 WHEREAS, Cloud Seeding Program develop and analysis require the use of sophisticated modeling
12 technologies, many of which are actively under development for the first time; and
13

14 WHEREAS, to advance modeling capabilities for program development and long term monitoring
15 and analysis of cloud seeding in Idaho, improvements to model physics will need to be made and an
16 assessment of the characteristics that yield effects from cloud seeding will need to be conducted; and
17

18 WHEREAS, on May 24, 2024, the IWRB adopted the Secondary Aquifer Planning, Management,
19 and Implementation Fund (Secondary Aquifer Fund) Fiscal Year 2025 Budget, which included funding for
20 Research & Development in the amount of \$600,000 for Investigations.
21

22 BE IT FURTHER RESOLVED that, the IWRB authorizes expenditures not to exceed \$290,000 from
23 the Secondary Aquifer Fund Cloud Seeding Program, Research & Development - Investigations for the
24 assessment of physical processes that lead to precipitation changes under varying conditions; and to
25 assess what characteristics yield the greatest seeding effects to support operational planning and
26 improved efficiency.
27

28 BE IT FURTHER RESOLVED that the IWRB authorizes its chairman or designee, Brian Patton,
29 Executive Manager to the IWRB, to execute the necessary agreements or contracts to complete the
30 proposed efforts.

DATED this 13th day of September 2024.

Jeff Raybould, Chairman
Idaho Water Resource Board

ATTEST _____
Dean Stevenson, Secretary

DRAFT

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF CLOUD SEEDING IN THE
STATE OF IDAHO

RESOLUTION TO AUTHORIZE THE
EXPENDITURE OF FUNDS FOR DEPLOYMENT
OF WEATHER INSTRUMENTATION TO
SUPPORT LIQUID PROPANE INVESTIGATION

1 WHEREAS, House Bill 266 (HB 266), passed and approved by the 2021 legislature, and recognized
2 that cloud seeding has provided a unique and innovative opportunity to support sustainable water
3 supplies for the State of Idaho, and designated the Idaho Water Resource Board (IWRB) as the agency
4 responsible for authorization of cloud seeding programs within the State; and
5

6 WHEREAS, HB266 created section §42-4301 on cloud seeding, directing the IWRB to continue its
7 analysis of cloud seeding operations, conduct an assessment of cloud seeding opportunities across the
8 State of Idaho, and identify opportunities for expanding the Cloud Seeding Program (Program) within the
9 State; and
10

11 WHEREAS, Liquid Propane (LP) has been demonstrated to nucleate ice in a lab setting, does not
12 require orographic winds to disperse material, can generate ice at warmer temperatures, and is less
13 expensive than traditional cloud seeding agents; and
14

15 WHEREAS, the IWRB has initiated a pre-investigation of the potential for use of liquid propane as
16 a seeding agent. The objective of the pre-investigation is to identify a test site for a full scale investigation
17 of liquid propane as a seeding agent; and
18

19 WHEREAS, the State of Utah is interested in the potential use of liquid propane for cloud seeding
20 and has approved funding for a principle investigator (PI) to lead and coordinate the LP research
21 investigation, and to support instrumentation and the collection of data at current test sites in Idaho; and
22

23 WHEREAS, the LP pre-investigation will require additional weather instrumentation and data
24 support for the winter season 2024-2025; and
25

26 WHEREAS, on May 24, 2024, the IWRB adopted the Secondary Aquifer Planning, Management,
27 and Implementation Fund (Secondary Aquifer Fund) Fiscal Year 2025 Budget, which included funding for
28 Research & Development in the amount of \$600,000 for Investigations.
29

30 BE IT FURTHER RESOLVED that, the IWRB authorizes expenditures not to exceed \$170,000 from
31 the Secondary Aquifer Fund Cloud Seeding Program, Research & Development - Investigations for costs
32 related to deployment of instrumentation and the collection of data to support a full scale study of liquid
33 propane as a cloud seeding agent.
34

35 BE IT FURTHER RESOLVED that the IWRB authorizes its chairman or designee, Brian Patton,
36 Executive Manager to the IWRB, to execute the necessary agreements or contracts to complete the
37 proposed efforts.

DATED this 13th day of September, 2024.

Jeff Raybould, Chairman
Idaho Water Resource Board

ATTEST _____
Dean Stevenson, Secretary

DRAFT

Memorandum

To: Idaho Water Resource Board
From: Planning Staff
Date: August 13, 2024
Re: Meeting Dates for 2025



ACTION: No action at this time. Information provided for a future decision.

The following options for 2025 Regular Meetings are proposed for consideration by the Board. Please email preferences to Admin. Assistant prior to our November 2024 meetings.

- January 17, 2025
 - Things to consider: IWUA Annual Convention is planned for January 13-16, 2025 in Boise.
- March 13-14, 2025 or March 20-21, 2025
 - Usually held in Boise
 - Field trip to NY Canal option
- May 15-16, 2025 or May 22-23, 2025
 - Things to consider: Memorial Day will be May 26th
 - Possible location for meetings: Lewiston
- July 17-18, 2025 or July 24-25, 2025
 - Possible location for meetings: Idaho Falls
- September 11-12, 2025 or September 18-19, 2025
 - Possible location for meetings: tbd
- November 13-14, 2025 or November 20-21, 2025
 - Things to consider: Thanksgiving will be November 27th
 - Usually held in Boise